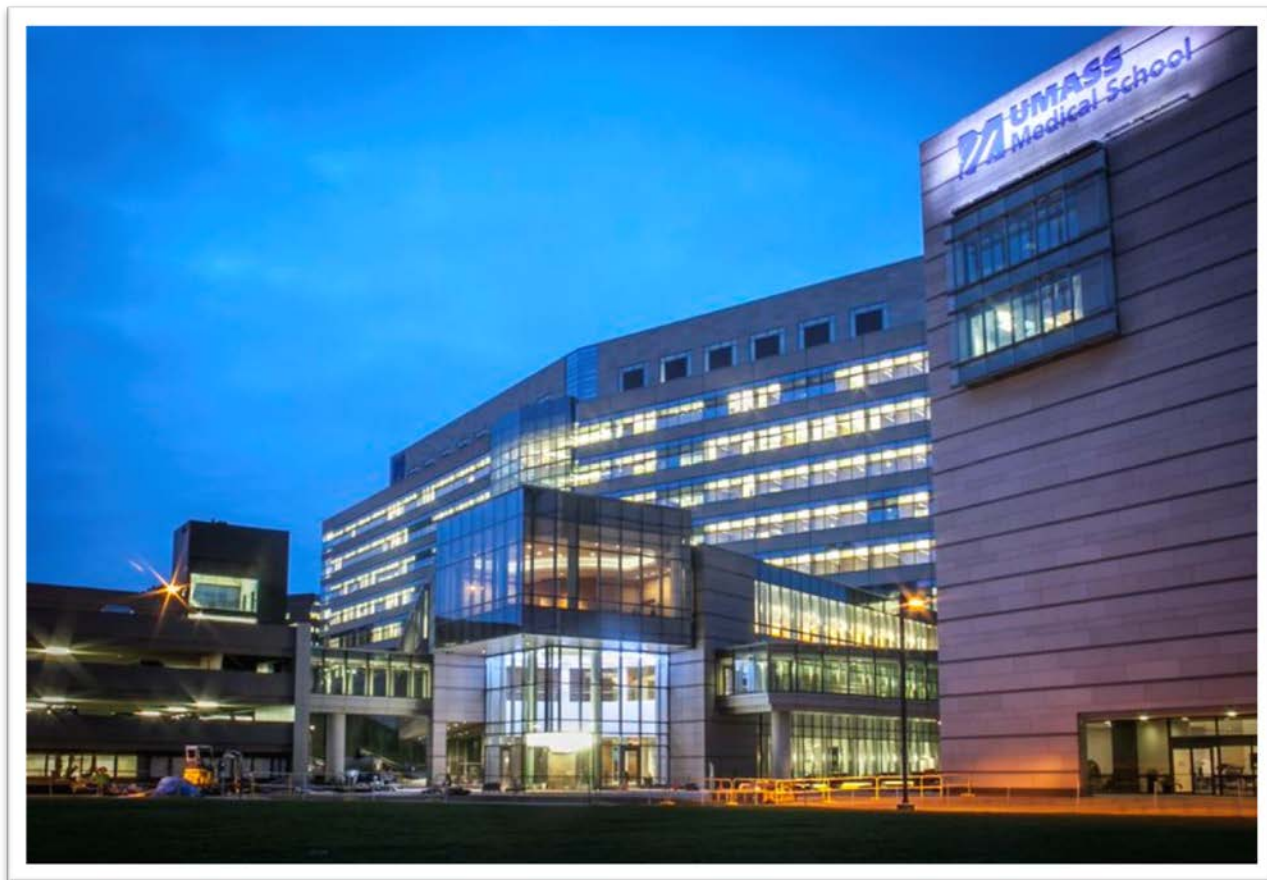




# Graduate School of Biomedical Sciences



## Course Catalog & Registration Summer 2016

Registration Open: April 4, 2016 – April 25, 2016

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# GSBS SUMMER 2016 REGISTRATION INSTRUCTIONS

Registration Period: 4/4/2016 – 4/25/2016

Final Date for add/drop: 6/16/2016

## PeopleSoft Campus Solutions (PSCS) On-line Registration

### To begin online Registration

Sign into PeopleSoft Campus Solutions (PSCS) with your assigned User name and Password

<https://wsa-prd.umasscs.net/psp/wsaprd90/?cmd=login&languageCd=ENG>

### PSCS Online Training for Students

<http://inside.umassmed.edu/registrar/Peoplesoft/Online-Training-for-Students/>

### Registration Changes, Course Drops or Adds

Instructions for changing your registration on-line in PSCS can be found in the PSCS online training (see link above). They can also be made manually through the Graduate School office using the Registration Change Form

### Class Numbers

Please note: course numbers (example: BBS601) are not the same as class numbers (example: 1257). **Class numbers are unique identifiers that change every semester.** The Class Number is included with the course information, except for research or tracking courses (where there are multiple faculty sections)

You will need to use the Class Numbers Lists to register for any Research or Tracking Course. Class number lists are within this registration guide; check the table of contents for the page numbers

### Class Meeting Information

Students are strongly advised to obtain class meeting information directly from the Course Coordinator prior to registering for the course, particularly if there is a concern about conflicts with other course offerings. Frequently faculty have not finalized this information by the date that Registration opens. If the information about class start/end dates, meeting times and room numbers has been submitted to the Graduate School office, it will be in the Course Catalog section of this document.

## ASSISTANCE

### Assistance with PSCS Password or Access Problems

Contact the UMWHelpdesk, 508-856-8643 [umwhelpdesk@umassmed.edu](mailto:umwhelpdesk@umassmed.edu)

### Assistance with Administrative Questions

#### Basic & Biomedical Sciences Students Contact:

Mary Ellen Lane, S1-824, 508-856-4018, [maryellen.lane@umassmed.edu](mailto:maryellen.lane@umassmed.edu)

#### Clinical & Translational Sciences and MD/PhD Students Contact:

Anne Michelson, S1-824, 508-856-8025, [anne.michelson@umassmed.edu](mailto:anne.michelson@umassmed.edu)

### Assistance with Advanced Topics or Academic Questions Related to Courses

Students are advised to meet with their Graduate Program Director, Thesis Advisor or with Associate Dean Lane for assistance in selecting Advanced Topics or Elective Courses, or if you have questions related to program or course requirements.

#### Graduate Program Directors

| Program                                                    | Name                  | Location             | Telephone    |
|------------------------------------------------------------|-----------------------|----------------------|--------------|
| Biochemistry and Molecular Pharmacology                    | Kobertz, William      | LRB-804              | 508-856-8861 |
| Bioinformatics & Computational Biology                     | Zeldovich, Konstantin | S5-410               | 508-856-2354 |
| Cancer Biology                                             | Cantor, Sharon        | LRB-415              | 508-856-4421 |
| Cancer Biology                                             | Mercurio, Arthur      | LRB-408              | 508-856-8676 |
| Cell Biology                                               | Imbalzano, Anthony    | S3-125               | 508-856-1029 |
| Clinical & Population Health Research                      | Lapane, Kate          | AC7-073              | 508-856-8999 |
| Health Sciences Preparatory Program                        | Knight, Kendall       | S1-824               | 508-856-5628 |
| Immunology & Microbiology (Immunology Advisor)             | Silverman, Neal       | LRB-326              | 508-856-5826 |
| Immunology & Microbiology (Virology Advisor)               | Morrison, Trudy       | S5-250               | 508-856-6592 |
| Immunology & Microbiology (Bacterial Pathogenesis Advisor) | Beth McCormick        | AS8-2049             | 508-856-6048 |
| Interdisciplinary Graduate Program                         | Peterson, Craig       | Biotech2, Suite 210  | 508-856-5858 |
| Interdisciplinary Graduate Program                         | Tissenbaum, Heidi     | LRB-621              | 508-856-5840 |
| MD/PhD                                                     | Corvera, Silvia       | Biotech 2, suite 107 | 508-856-6898 |
| MD/PhD                                                     | Szabo, Gyongyi        | S1-824               | 508-856-8025 |
| Millennium MD/PhD Program                                  | Kornfeld, Hardy       | S1-824               | 508-856-8025 |
| MS in Clinical Investigation                               | Goldberg, Robert      | S1-824               | 508-856-8025 |
| Neuroscience                                               | Weaver, David         | LRB-723              | 508-856-2495 |
| Pathway to Graduate Study                                  | Lewis, Brian          | LRB-521              | 508-856-4325 |
| Translational Science                                      | Mandrekar, Pranoti    | LRB-221              | 508-856-5391 |
| Translational Science                                      | Royer, William        | LRB-921              | 508-856-6912 |

# COURSES FOR SUMMER REGISTRATION

## Basic & Biomedical Sciences Courses

| <b>BBS 550 - Laboratory Rotation (PGSP)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Class #: See class number list</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Course Description</b><br><br>Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an ongoing research project, gain familiarity with concepts underlying the research, acquire a working knowledge of techniques used in the research, and write a report and present an oral summary of the results of the research. | <b>Course Coordinator:</b> Lewis, Brian<br><b>email:</b> brian.lewis@umassmed.edu<br><b>Phone:</b> 6-4325<br><b>Location:</b> LRB, 521<br><b>Course Coordinator 2:</b> Knight, Kendall<br><b>Prerequisites:</b> None<br><b>Credits:</b> 1-5<br><b>Grading:</b> Pass/Marginal Pass/Fail<br><b>Associated Programs:</b> Pathway to Graduate Study<br><b>Class Meeting Information:</b><br><b>Additional notes:</b><br><b>Required Textbooks:</b><br><b>Recommended Textbooks:</b> |                                       |

| <b>BBS 602 - Communicating Science</b>                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Class #: 2591</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Course Description</b><br><br>This course seeks to help prospective scientists in the biological and medical sciences communicate their work effectively, in writing, graphics, and oral presentations. The course teaches how to prepare a research paper using words, statistics, and figures; how to present science to a lay audience; how to write a grant proposal; and how to present orally to scientific peers. | <b>Course Coordinator:</b> Zamore, P<br><b>email:</b> phillip.zamore@umassmed.edu<br><b>Phone:</b> 6-2191<br><b>Location:</b> LRB 822<br><b>Course Coordinator 2:</b> None<br><b>Prerequisites:</b> None<br><b>Credits:</b> 2<br><b>Grading:</b> Letter<br><b>Associated Programs:</b> Basic Biomedical Science<br><b>Class Meeting Information:</b><br><b>Additional notes:</b><br><b>Required Textbooks:</b><br><b>Recommended Textbooks:</b> |                      |

**BBS 720 - Histology and Tumor Pathology****Class #: 1514****Course Description**

The overall goal of the course is to expose students to the pathology of different types of cancers that occur in humans and the methods used for diagnosis, including histology, cytology, immunohistochemistry, flow cytometry and molecular diagnostics. Faculty from the Departments of Pathology and Cancer Biology will teach this course. The course will start with a review of normal tissue histology of all the major organ systems and an overview of diagnostic techniques. The remainder of the course will consist of organ-based lectures in tumor pathology along with a hands-on microscopic review of pathologic tumor samples. The general format of the six-week course will consist of a one-hour lecture followed by a one-hour laboratory session, given three days per week.

**Course Coordinator:** Lyle,S**email:** Stephen.Lyle@UMassmed.edu**Phone:** 6-4474**Location:** LRB 411**Course Coordinator 2:** None**Prerequisites:** GSBS Core Courses**Credits:** 3**Grading:** Letter**Associated Programs:** Cancer Biology**Class Meeting Information:** Please contact course coordinator for more details**Additional notes:****Required Textbooks:****Recommended Textbooks:****BBS 842 - Tutorial in Cell Biology****Class #: 1516****Course Description**

Tutorial arranged with individual faculty.

**Course Coordinator:** Imbalzano,A**email:** Anthony.Imbalzano@umassmed.edu**Phone:** 6-1029**Location:** S6-228**Course Coordinator 2:** None**Prerequisites:** None**Credits:** 1**Grading:** Pass/Marginal Pass/Fail**Associated Programs:** Cell Biology**Class Meeting Information:** Please contact course coordinator for more details**Additional notes:****Required Textbooks:****Recommended Textbooks:**

**BBS 846 - Immunology/Virology Summer Tutorial****Class #: 2592****Course Description**

This course is designed to help first-year students prepare for the IMP advanced topics courses in the fall, learn how to think critically about articles, and meet senior students in the program. Students in the class will read one primary and one review paper the week before each class. The topic, paper, and review will be chosen by two student mentors. In a brief presentation; the mentors will describe the current state of the field and summarize the review. The class will then discuss the chosen article and critically analyze the positives and negatives of techniques, systems, conclusions, etc.

**Course Coordinator:** Silverman,N  
**email:** Neal.Silverman@umassmed.edu  
**Phone:** 6-5826  
**Location:** LRB-326

**Course Coordinator 2:** None

**Prerequisites:** GSBS Core Courses

**Credits:** 1

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** Immunology & Virology

**Class Meeting Information:** 6/9/2016 - 8/4/2016 on Thursdays from 4:00p-5:00p in AS9-1044

**Additional notes:** Student Leader is James Conley

**Required Textbooks:**

**Recommended Textbooks:**

**BBS 848 - Tutorial in Neuroscience****Class #: 1517****Course Description**

Tutorials offer the opportunity for one student or a small group of students to discuss research in a specific research area, or a series of selected papers, with a faculty member. The small group format allows extensive discussion and interaction. This course number allows faculty and students the flexibility to develop a syllabus of their making. The proposed syllabus must be approved by the Neuroscience Program Director (D. Weaver). Tutorials are arranged with individual faculty members. Students may re-enroll for multiple tutorials.

**Course Coordinator:** Weaver,D  
**email:** David.Weaver@UMassmed.edu  
**Phone:** 6-2495  
**Location:** LRB 723

**Course Coordinator 2:** None

**Prerequisites:** Permission from Neuroscience Program Director

**Credits:** 1

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** Neuroscience

**Class Meeting Information:** Dates and times to be arranged by participants

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

| BBS 851 - Laboratory Rotation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Class #: See Class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Course Description</b></p> <p>Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an ongoing research project, gain familiarity with concepts underlying the research, acquire a working knowledge of techniques used in the research, and write a report and present an oral summary of the results of the research.</p> | <p><b>Course Coordinator:</b> GSBS Full Faculty<br/> <b>email:</b> N/A<br/> <b>Phone:</b> N/A<br/> <b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> None</p> <p><b>Credits:</b> 4</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Basic Biomedical Science</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| BBS 870 - Pre-Qualifying Research                                                                                                                                            | Class #: See class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Course Description</b></p> <p>This course is for students who have selected a Program and Thesis Advisor but who have not yet passed their Qualifying Examination.</p> | <p><b>Course Coordinator:</b> Student's Thesis Advisor<br/> <b>email:</b> N/A<br/> <b>Phone:</b> N/A<br/> <b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> None</p> <p><b>Credits:</b> 9</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Basic Biomedical Science</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| BBS 900 - Thesis Research                                                                                                                         |                                   | Class #: AUTO REGISTERED |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------|
| <b>Course Description</b><br><br>Students register for Thesis Research fall term of year three of the program, after passing the Qualifying Exam. | <b>Course Coordinator:</b>        | Student's Thesis Advisor |
|                                                                                                                                                   | <b>email:</b>                     | N/A                      |
|                                                                                                                                                   | <b>Phone:</b>                     | N/A                      |
|                                                                                                                                                   | <b>Location:</b>                  | N/A                      |
|                                                                                                                                                   | <b>Course Coordinator 2:</b>      | None                     |
|                                                                                                                                                   | <b>Prerequisites:</b>             | None                     |
|                                                                                                                                                   | <b>Credits:</b>                   | 12                       |
|                                                                                                                                                   | <b>Grading:</b>                   | Pass/Marginal Pass/Fail  |
|                                                                                                                                                   | <b>Associated Programs:</b>       | Basic Biomedical Science |
|                                                                                                                                                   | <b>Class Meeting Information:</b> |                          |
|                                                                                                                                                   | <b>Additional notes:</b>          |                          |
|                                                                                                                                                   | <b>Required Textbooks:</b>        |                          |
|                                                                                                                                                   | <b>Recommended Textbooks:</b>     |                          |

| BBS 990 - Graduate Research                                                                                                                                                                                    |                                   | Class #: AUTO REGISTERED |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------|
| <b>Course Description</b><br><br>Students register for Graduate Research fall term of year four in the PhD Program and will continue to register each semester until they complete all remaining requirements. | <b>Course Coordinator:</b>        | Student's Thesis Advisor |
|                                                                                                                                                                                                                | <b>email:</b>                     | N/A                      |
|                                                                                                                                                                                                                | <b>Phone:</b>                     | N/A                      |
|                                                                                                                                                                                                                | <b>Location:</b>                  | N/A                      |
|                                                                                                                                                                                                                | <b>Course Coordinator 2:</b>      | None                     |
|                                                                                                                                                                                                                | <b>Prerequisites:</b>             | None                     |
|                                                                                                                                                                                                                | <b>Credits:</b>                   | 0                        |
|                                                                                                                                                                                                                | <b>Grading:</b>                   | Pass/Marginal Pass/Fail  |
|                                                                                                                                                                                                                | <b>Associated Programs:</b>       | Basic Biomedical Science |
|                                                                                                                                                                                                                | <b>Class Meeting Information:</b> |                          |
|                                                                                                                                                                                                                | <b>Additional notes:</b>          |                          |
|                                                                                                                                                                                                                | <b>Required Textbooks:</b>        |                          |
|                                                                                                                                                                                                                | <b>Recommended Textbooks:</b>     |                          |

## Clinical & Translational Science Courses

| CTS 550 - Research Assistantship (PGSP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Class #: See class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Course Description</b></p> <p>Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an on-going research project, gain familiarity with concepts underlying the research, acquire a working knowledge of techniques used in the research, and write a report and present an oral summary of the results of the research.</p> | <p><b>Course Coordinator:</b> Student's advisor<br/><b>email:</b> N/A<br/><b>Phone:</b> N/A<br/><b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b></p> <p><b>Credits:</b> 4</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Pathway to Graduate Study CPHR</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| CTS 604 - Comprehensive Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Class #: 2537                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Course Description</b></p> <p>This course will provide structure and support for students completing their first major evaluation milestone. Students come to the first day of class with a research study question approved by their mentor and an existing dataset to use to evaluate the study question. Students will develop a manuscript and write it up according to the instructions for authors for the target journal. Students will conduct their own data analysis and will be evaluated on summative competencies expected to be achieved by the end of their first year of CPHR core coursework and research experiences. Students present their work in an open forum in the form of a 10-15 minute presentation followed by questions and answers. The manuscripts are sent out for review by three faculty. Students have two weeks to write a rebuttal and prepare a revised manuscript.</p> | <p><b>Course Coordinator:</b> Lapane,K<br/><b>email:</b> kate.lapane@umassmed.edu<br/><b>Phone:</b> 6-8999<br/><b>Location:</b> AC7-073</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> CTS601A&amp;B, CTS602A&amp;B, CTS603A&amp;B</p> <p><b>Credits:</b> 1.5</p> <p><b>Grading:</b> Pass/Fail</p> <p><b>Associated Programs:</b> Clinical &amp; Population Health Research</p> <p><b>Class Meeting Information:</b> 5/18/2016 – 7/27/2016 on Wednesdays from 10:00a- 12:00p in AS7-2069</p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

**CTS 605A - Introduction to Clinical Epidemiology****Class #: 2593****Course Description**

This course reviews basic principles of epidemiology, investigation of disease outbreaks, and the application of various observational and experimental research designs and strategies to clinical, epidemiological, and translational research. Didactic instruction, readings, and problem sets (including lab-based analyses) are utilized to more fully understand epidemics and their causes, as well as various study designs including cross-sectional studies, case-control studies, cohort designs, and randomized clinical trials. Students also will learn how to design surveillance systems and develop and evaluate screening and diagnostic tests. Students are graded on in-class participation and 2 writing assignments (write-up of lab exercise and in-class student presentation). This will be a full semester course with a total of 30 contact hours.

**Course Coordinator:****email:** Stavroula.Chrysanthopoulou@umassmed.edu**Phone:** 774-455-3616**Location:** AS7-1076**Course Coordinator 2:** None**Prerequisites:** None**Credits:** 3**Grading:** Letter**Associated Programs:** Master's in Clinical Investigation**Class Meeting Information:** 7/5/2016 - 7/28/2016 on Tuesdays and Thursdays from 9:00a-3:00p in AS7-2072**Additional notes:**

**Required Textbooks:** Gordis, L. (2009). Epidemiology. Philadelphia: Elsevier/Saunders. ISBN: 978-1416040026. D'Agostino, R. B., Sullivan, L. M., & Beiser, A. S. (2006). Introductory applied biostatistics. Belmont: Duxbury Thomson Brooks/Cole. ISBN: 978-0534423995,

**Recommended Textbooks:** Acock, A. C. (n.d.). A gentle introduction to Stata. ISBN: 978-1597181426.

**CTS 716 - Advanced Analytical Methods in Health****Class #: 2594****Outcome Studies****Course Description**

This advanced methods course is focused on learning methods for addressing confounding and bias. The goals for this course are: To become comfortable recognizing and discussing bias and confounding; To gain experience in using a variety of techniques that help in identifying and minimizing bias and confounding; To be able to assess the potential impact of residual bias and confounding on study results. This course is organized as topic lectures followed by applications of the topic. Students independently apply what is introduced in the lecture to their own data and share their learning with classmates.

**Course Coordinator:** Lapane,K**email:** kate.lapane@umassmed.edu**Phone:** 6-8965**Location:** ASC7-2072**Course Coordinator 2:** None

**Prerequisites:** Familiarity with STATA and linear and logistic multiple regression is required and permission of Course Coordinator

**Credits:** 3**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** Clinical & Population Health Research

**Class Meeting Information:** 5/18/2016 - 8/31/2016 on Wednesdays from 1:00p-3:00p in AS7-2069

**Additional notes:****Required Textbooks:****Recommended Textbooks:**

## CTS 717 - Randomized Clinical Trials in Behavioral Research

Class #: 2587

### Course Description

The purpose of this course is to provide opportunities for the student to understand the foundations of randomized clinical trials (RCTs) in behavioral medicine research. Topics related to theory, design, implementation, and evaluation of behavioral randomized clinical trials will be discussed. Students will develop a research project where concepts can be applied and practice reviewing behavioral RCTs in the published literature.

**Course Coordinator:** Pagoto, Sherry  
**email:** sherry.pagoto@umassmed.edu  
**Phone:** 6-2092  
**Location:** S7-751

**Course Coordinator 2:** None

**Prerequisites:** Human subjects training or permission of instructor.

**Credits:** 2

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** Clinical & Population Health Research    Master's in Clinical Investigation

**Class Meeting Information:** 5/17/2016 – 6/28/2016 on Thursdays from 10:00a-1:00p in AS9-2069

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

## CTS 724 - Survey Methods and Measurement in Health Research

Class #: 2467

### Course Description

This course focuses on survey methods, measurement theory and the processes of instrument evaluation, refinement and development. There will be an emphasis on the interaction of conceptual, methodological, cultural and pragmatic considerations that are essential to understand when measuring variables among clinical populations. Topics include survey design; scale development, item construction, psychometric evaluation of scales, data collection procedures and sampling strategies.

**Course Coordinator:** Bova,C  
**email:** carol.bova@umassmed.edu  
**Phone:** 6-1846  
**Location:** S1-853

**Course Coordinator 2:** Lapane,K

**Prerequisites:** CTS 603A & CTS 603B

**Credits:** 3

**Grading:** Letter grade

**Associated Programs:** CPHR

**Class Meeting Information:** 5/17/2016 - 7/5/2016 on Tuesdays from 9:00a-1:00p in AS2-2150

**Additional notes:**

**Required Textbooks:** DeVellis, R. F. (2012). Scale development: Theory and applications. Thousand Oaks, CA: SAGE. ISBN:1412980445. Fowler, F. J. (n.d.). Survey research methods. ISBN: 1452259003. Streiner, D. L., Norman, G. R., & Cairney, J. (n.d.). Health measurement scales:

**Recommended Textbooks:**

**CTS 729 - Social Epidemiology****Class #: 2595****Course Description**

We will cover the main societal causes implicated in affecting the health of human populations, including hierarchy, racism, gender hierarchy, heteronormativity, and ableism. We will focus on methodological approaches to measuring and interpreting these forces and their effects, on both minority and dominant populations.

**Course Coordinator:** Jesdale,W**email:** william.jesdale@umassmed.edu**Phone:** 67822**Location:** ASC7 2068**Course Coordinator 2:** None**Prerequisites:** CTS 600A or permission of the instructor**Credits:** 2**Grading:** Letter Grade**Associated Programs:** Clinical & Population Health Research MSCI**Class Meeting Information:** 5/16/2016-8/22/2016 on Mondays from 10:00a-11:30p in ASC9-2069**Additional notes:****Required Textbooks:****Recommended Textbooks:**

**Cancelled**

**CTS 799 - Independent Study for CPHR****Class #: See class number list****Course Description**

The purpose of an independent study elective is to gain in depth knowledge of a specific topic by working closely with a faculty member with expertise in that area. Typically independent studies cover areas not addressed in the core curriculum and advanced topics or other electives. However, the level of effort and objectives for an independent study must be equivalent to a regular 3-credit course. The student and sponsoring faculty member must propose a framework and outcome for the independent study, in the semester prior to the semester in which the student will be enrolled, to the Program Director for prior approval.

**Course Coordinator:** Lapane,K**email:** kate.lapane@umassmed.edu**Phone:** 6-8965**Location:** ASC7-2072**Course Coordinator 2:** None**Prerequisites:** Permission of Associate Dean for CPHR & Course Coordinator.**Credits:** 3**Grading:** Pass/Marginal Pass/Fail**Associated Programs:** Clinical & Population Health Research**Class Meeting Information:** 5/9/2016-8/31/2016**Additional notes:****Required Textbooks:****Recommended Textbooks:**

| CTS 801 - MSCI Independent Study                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Class #: See class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Course Description</b></p> <p>The purpose of an independent study elective is to gain in depth knowledge of a specific topic by working closely with a faculty member with expertise in that area. Typically independent studies cover areas not addressed in the core curriculum and advanced topics or other electives. In the present independent study, will work with the faculty mentor/advisor to explore research content areas, as well as methodologies, that have not been previously covered in core curriculum courses. The time spent in this elective will be equivalent to 2 credit hours.</p> | <p><b>Course Coordinator:</b> Goldberg,R<br/> <b>email:</b> robert.goldberg@umassmed.edu<br/> <b>Phone:</b> 6-3991<br/> <b>Location:</b> AC7-047</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> Basic epidemiology and basic biostatistics</p> <p><b>Credits:</b> 2</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> MS in Clinical Investigation</p> <p><b>Class Meeting Information:</b> 5/16/2016 - 7/1/2016</p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |
| CTS 802 - MSCI Journal Club                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Class #: 2597                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p><b>Course Description</b></p> <p>This journal club provides a forum in which students will discuss current articles and be introduced to advanced methods. Through readings, presentations and discussion, students will deepen their understanding of methods critical for clinical investigation and strengthen their data presentation and writing skills.</p>                                                                                                                                                                                                                                                 | <p><b>Course Coordinator:</b> Golderbg,R<br/> <b>email:</b> robert.goldberg@umassmed.edu<br/> <b>Phone:</b> 6-3991<br/> <b>Location:</b> AS8-2017</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> None</p> <p><b>Credits:</b> 1</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> MS in Clinical Investigation</p> <p><b>Class Meeting Information:</b> 5/16/2016 - 7/1/2016 on Wednesdays from 1:00p-2:00p</p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p>       |

| CTS 850 - Research Assistantship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Class #: See class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Course Description</b></p> <p>Research rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with the theory, background, concepts and techniques in several areas of research and to assist the student in evaluating projects and areas that might be developed into a dissertation project. The student will participate in an ongoing research project, gain familiarity with a field of study, acquire a working knowledge of techniques used in the research, and write a report and make an oral presentation on the results of their work.</p> | <p><b>Course Coordinator:</b> Student's advisor<br/> <b>email:</b> N/A<br/> <b>Phone:</b> N/A<br/> <b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> None</p> <p><b>Credits:</b> 4</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Clinical &amp; Population Health Research</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| CTS 855 - MSCI Research Seminar                                                                                                                                                                                                                                                                                                                                                                                                                                 | Class #: 2598                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <p><b>Course Description</b></p> <p>This is an ongoing seminar series offered on a monthly basis throughout the academic year that will be led by individual senior scientists who will discuss their clinical, public health, and translational sciences research. This seminar series will provide trainees with exposure to a wide variety of potential research mentors as well as topic areas to further explore for their thesis research and beyond.</p> | <p><b>Course Coordinator:</b> Goldberg,R<br/> <b>email:</b> robert.goldberg@umassmed.edu<br/> <b>Phone:</b> 6-3991<br/> <b>Location:</b> BT4-314</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b></p> <p><b>Credits:</b> 0</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Master's in Clinical Investigation</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| CTS 860B - Oral Qualifying Exam                                                                                                                                                                                                        | Class #: 2565                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <p><b>Course Description</b></p> <p>This course number is used for students who will defend their disseration proposal. Students should register for this either in the Spring or Summer of their second year of graduate studies.</p> | <p><b>Course Coordinator:</b> Lapane,K<br/> <b>email:</b> kate.lapane@umassmed.edu<br/> <b>Phone:</b> 6-8965<br/> <b>Location:</b> AS7.2071</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b></p> <p><b>Credits:</b> 1</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Clinical &amp; Population Health Research</p> <p><b>Class Meeting Information:</b> 5/9/2016-8/31/2016</p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| CTS 871 - MSCI Pre-Thesis Research                                                                                                                                                         | Class #: See class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <p><b>Course Description</b></p> <p>This is for 1st year students who have selected a Thesis Advisor but who have not yet had their thesis research proposal passed by their committee</p> | <p><b>Course Coordinator:</b> Student's Thesis Advisor<br/> <b>email:</b> N/A<br/> <b>Phone:</b> N/A<br/> <b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> None</p> <p><b>Credits:</b> Variable 1 to 3</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> MS in Clinical Investigation</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| CTS 900 - Thesis Research                                                                                                                                                                                  | Class #: AUTO REGISTERED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <p><b>Course Description</b></p> <p>Students register for Thesis Research after passing a Qualifying Examination. They will take Thesis Research each semester until they have accumulated 90 credits.</p> | <p><b>Course Coordinator:</b> Student's Thesis Advisor<br/> <b>email:</b> N/A<br/> <b>Phone:</b> N/A<br/> <b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> None</p> <p><b>Credits:</b> Variable 7 to 12</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> Clinical &amp; Population Health Research</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

| CTS 901 - MSCI Thesis Research                                                                                                                                                                                                       | Class #: See class number list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <p><b>Course Description</b></p> <p>Students register for Thesis Research after passing their Master's thesis proposal. They will take Thesis Research each semester until they have completed and defended their thesis project</p> | <p><b>Course Coordinator:</b> Student's Thesis Advisor<br/> <b>email:</b> N/A<br/> <b>Phone:</b> N/A<br/> <b>Location:</b> N/A</p> <p><b>Course Coordinator 2:</b> None</p> <p><b>Prerequisites:</b> Acceptance of Thesis Proposal</p> <p><b>Credits:</b> Variable 2-4</p> <p><b>Grading:</b> Pass/Marginal Pass/Fail</p> <p><b>Associated Programs:</b> MS in Clinical Investigation</p> <p><b>Class Meeting Information:</b></p> <p><b>Additional notes:</b></p> <p><b>Required Textbooks:</b></p> <p><b>Recommended Textbooks:</b></p> |

**Course Description**

Students register for Graduate Research after completing the requisite number of credits to meet graduation requirements. They will take this course each semester until they complete all remaining requirements.

**Course Coordinator:** Student's Thesis Advisor

**email:** N/A

**Phone:** N/A

**Location:** N/A

**Course Coordinator 2:** None

**Prerequisites:** None

**Credits:** 0

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** Clinical & Population Health Research

**Class Meeting Information:**

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

## MDP 740A - Developing Solutions To Research Problems A - Year One

**Class #: GROUP REGISTERED**

### Course Description

**Course Goals:** The goal for the course is to engage MD-PhD students in the critical thinking skills required to perform biomedical research, in a manner that enables their intellectual contribution to the University's academic and research functions. The course will examine specific questions of relevance in medicine, and explore how these questions are addressed from multiple scientific perspectives, (e.g. epidemiological, population based, animal model research, cellular and molecular mechanisms). The course will be mostly based on critical analysis of primary literature. Faculty will provide brief background material in the form of lectures, to enable analysis of the primary research papers. Students will discuss papers in small teams and within the whole group. Each section will culminate with the presentation by students of an original research proposal on the specific question being studied.

**Learning Objectives:** Upon completion of this course, the MD-PhD students should be able to:

- To distinguish different approaches used to answer biomedical research questions (e.g. epidemiological, population-based, animal models, cellular and molecular mechanisms).
- To understand some of the basic elements of study design in epidemiological and population based studies.
- To understand some of the basic elements of study design in animal models
- To understand some of the basic elements underlying cellular and molecular mechanistic studies.
- To learn to design rigorous studies at different levels of complexity.
- To define medically relevant questions of individual interest, which will inform choice of summer research rotations and Thesis research.

### Curricular Expectations

- Students will attend all scheduled sessions
- Students will have carefully read and analyzed pre-assigned material
- Students will actively participate in discussion of primary research papers
- Students will be a substantial contributor within the team to the design and presentation of an original research proposal at the end of each trimester

**Course Coordinator:** Corvera,S  
**email:** silvia.corvera@umassmed.edu  
**Phone:** 6-6898  
**Location:**

**Course Coordinator 2:** None

**Prerequisites:** None

**Credits:** 1

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** MD/PhD Program

**Class Meeting Information:**

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

## MDP 740C - Developing Solutions To Research Problems C - Year Three

**Class #: GROUP REGISTERED**

### Course Description

**Course Goals:** The goal for the course is to expose MD-PhD students to areas of basic and translational research, and to the knowledge skills necessary to conduct research in these areas in a manner that enables their intellectual contribution to the University's academic and research functions. To meet this goal, the student will work directly with a selected member of the research faculty, which can include but is not limited to their PhD thesis mentor, for a minimum of one hour per week over the course of the semester (15 hours total). They will discuss experimental strategies to address questions of basic, clinical, and/or translation importance. These can include, but are not limited to, work that advances the student's personal research toward publication or presentation.

#### Learning Objectives:

Upon completion of this course, the MD-PhD students should be able to:

- Propose feasible experimental strategies, including application of appropriate techniques, assessment of potential contingencies and pitfalls, and identification of alternative approaches, for investigation of novel research questions.
- When presented with two or more reports from the primary literature that reach conflicting conclusions about similar questions, evaluate the evidence and defend the merits of a particular argument. This includes an articulation of the major conclusions from each report, and an identification and evaluation of experiments that support the conclusions.
- Articulate the contribution of their personal research to knowledge in the broader area of interest.

#### Curricular Expectations:

The student will remain engaged in research during the clerkship enrollment which can be reflected in work toward their Capstone project, defending and editing their thesis dissertation, attending lab meetings, defenses, reviewing literature, attending research seminars and other UMass related scientific events.

It is expected that at the time of dissertation and defense, the student will complete the defense a minimum of three weeks prior to the date of return to the clerkships (CCE). If the completed dissertation and administrative forms are not submitted to GSBS by the return date, the scheduled clerkship will be cancelled until dissertation work is completed

**Course Coordinator:** Corvera,S

**email:** [silvia.corvera@umassmed.edu](mailto:silvia.corvera@umassmed.edu)

**Phone:** 6-6898

**Location:**

**Course Coordinator 2:** None

**Prerequisites:** None

**Credits:** 1

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** MD/PhD Program

**Class Meeting Information:**

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

**Course Description**

**Course Goals:** The MD/PhD program stresses the importance of clinical involvement throughout the graduate years. The first goal of this course is to provide students with a continuous link to clinical skills and to familiarize students with different clinical settings. Sessions should reinforce clinical skills learned from the first two years of the medical curriculum plus the 16 weeks of clerkship in Care of Family and Care of Adults prior to research studies. The second goal is to introduce clinicians and potential mentors to the MD/PhD students. The third goal of this section of the course is to ease the transition back to the clinical years of medical school.

**Curricular Expectations:** The students will engage in clinical experiences for a minimum 15 hours in the fall, spring and summer semesters. The students can round with physicians on the ward services, attend an outpatient clinic, or participate in supervised freestanding clinics in the local area. They can also participate in a series of monthly, student organized and clinician led seminars\*. Prior to returning to the clerkships, each student working with a designated clinical preceptor, will perform complete interviews, physical examinations, oral presentations, and write ups on hospitalized patients. Students will be evaluated by their faculty in these skills and a summary report will be generated at the end of the course. Students will enter their preceptor hours into the e\*Value system using an "on the fly" evaluation form that will include the date, time, term, preceptor and hours. This information will be provided by the student by the end of each enrollment term.

The guidelines for a preceptor are as follows:

- . They must be a faculty member at Umass either Full, Associate or Assistant Professor.
- . They cannot be a resident, fellow or visiting scholar.
- . The clinical sessions can take place at any of the hospital or affiliated hospital campuses and local free clinics as long as they are directly supervised by a Umass faculty member

**Course Coordinator:** Corvera,S

**email:** silvia.corvera@umassmed.edu

**Phone:** 6-6898

**Location:**

**Course Coordinator 2:** None

**Prerequisites:** Open only to MD/PhD Students in PhD Portion of Degree

**Credits:** 1

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** MD/PhD Program

**Class Meeting Information:**

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

**MDP 743 - Preparation for Thesis Research****Class #: GROUP REGISTERED****Course Description**

Course Goal: Preparation of MD/PhD students to enter GSBS full time research in fall term after completing 16 weeks of clinical clerkships from May through August prior to GSBS start. This includes meetings with the future PI, literature review and, when scheduling permits, attendance at lab meetings. For students who have not yet selected a PI the requirements are to work with MD/PhD Advisors and GSBS leadership to target and meet with potential lab rotation mentors during the summer term.

**Curricular Expectations:**

For students who have selected an advisor: Attend meetings with intended mentor, literature review, and attendance at lab meetings. Work on development of life skills needed to balance clinical and research obligations. For students who have not selected a thesis mentor they should be meeting with potential rotations, talking to MD/PHD advisor and attending research seminars from potential labs. Outcome should be a signed lab rotation form submitted to GSBS by late August in time to start the rotation day one of Fall term.

**Course Coordinator:** Corvera,S**email:** silvia.corvera@umassmed.edu**Phone:** 6-6898**Location:****Course Coordinator 2:** None**Prerequisites:** MDP740**Credits:** 1**Grading:** Pass/Marginal Pass/Fail**Associated Programs:** MD/PhD Program**Class Meeting Information:****Additional notes:****Required Textbooks:****Recommended Textbooks:****MDP 744 - MD/PhD Learning Communities****Class #: GROUP REGISTERED****Course Description**

Provides information about SoM Learning Communities (LC) including house member lists, Mentor-Mentee assignments, LC student leadership, career planning resources, information for planning clerkships and more. This is important for all the MD/PhD students during both the SoM and GSBS years.

**Course Coordinator:** Szabo,G**email:** Gyongyi.Szabo@umassmed.edu**Phone:** 6-5275**Location:** LRB-208**Course Coordinator 2:** None**Prerequisites:** None**Credits:** 0**Grading:** Not graded**Associated Programs:** MD/PhD Program**Class Meeting Information:****Additional notes:****Required Textbooks:****Recommended Textbooks:**

THIS COURSE IS RESERVED FOR MD/PHD STUDENTS ONLY DURING THE SUMMER SEMESTER

## BBS 850 - Laboratory Rotation

Class #: See class number list

### Course Description

Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an ongoing research project, gain familiarity with concepts underlying the research, acquire a working knowledge of techniques used in the research, and write a report and present an oral summary of the results of the research.

**Course Coordinator:** GSBS Full Faculty

**email:** N/A

**Phone:** N/A

**Location:** N/A

**Course Coordinator 2:** None

**Prerequisites:** None

**Credits:** 2-5

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** Basic Biomedical Science

**Class Meeting Information:**

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

## MDP 990 - MD/PhD Graduate Research for Students

Class #: GROUP REGISTERED

### Post-Dissertation

### Course Description

Students enrolled in the MD/PHD Program who have completed their requirements for the PhD degree will register for this GSBS course each semester while completing their School of Medicine requirements. Students enrolled in this course will participate in and assist with the teaching/evaluation of the MDP Seminar course (MDP800). This course is the MD/PhD equivalent of the GSBS course - GR900, Graduate Research. All students must be in good standing in the MD/PhD program to pass.

**Course Coordinator:** Michelson,A

**email:** anne.michelson@umassmed.edu

**Phone:** 6-4135

**Location:** S1-824

**Course Coordinator 2:** None

**Prerequisites:** Completion of all the PhD requirements in the Graduate School of Biomedical Sciences.

**Credits:** 0

**Grading:** Pass/Marginal Pass/Fail

**Associated Programs:** MD/PhD Program

**Class Meeting Information:**

**Additional notes:**

**Required Textbooks:**

**Recommended Textbooks:**

## CLASS NUMBER LIST

### Basic & Biomedical Science Class Numbers

#### Non-Research Course Class Numbers

| Class No.   | Subject | Catalog | Session | Description                    | Faculty Last | Faculty First |
|-------------|---------|---------|---------|--------------------------------|--------------|---------------|
| <b>2591</b> | BBS     | 602     | 1       | Communicating Science          | Carruthers   | Anthony       |
| <b>1514</b> | BBS     | 720     | 1       | Histology and Tumor Pathology  | Lyle         | Stephen       |
| <b>1516</b> | BBS     | 842     | 1       | Tutorial in Cell Biology       | Imbalzano    | Anthony       |
| <b>2592</b> | BBS     | 846     | 1       | Immunology/Virology Summer Tut | Silverman    | Neal          |
| <b>1517</b> | BBS     | 848     | 1       | Tutorial in Neuroscience       | Weaver       | David         |

#### Research Course Class Numbers

| Class No.   | Subject | Catalog | Session | Description                | Faculty Last  | Faculty First  |
|-------------|---------|---------|---------|----------------------------|---------------|----------------|
| <b>2250</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Alonso        | Laura Cristina |
| <b>2345</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | AROIAN        | Raffi Van      |
| <b>2299</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Aronin        | Neil           |
| <b>2218</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Babcock       | Gregory        |
| <b>2308</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Behar         | Samuel         |
| <b>2267</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | BREWER        | Judson         |
| <b>3974</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Brewster      | Robert         |
| <b>3977</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | CAVACINI      | Lisa Ann       |
| <b>2264</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Cooper        | Marcus         |
| <b>4033</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Deligiannidis | Kristina       |
| <b>1040</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Emerson       | Charles        |
| <b>2251</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Evens         | Andrew         |
| <b>2588</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Francis       | Michael        |
| <b>2289</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Gao           | Guangping      |
| <b>2219</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Hall-Anderson | Lisa           |
| <b>2290</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Harlan        | David          |
| <b>1053</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Huh           | Jun            |
| <b>1041</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Jones         | Peter Lawrence |
| <b>2346</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Karlsson      | Elinor         |
| <b>1046</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Kelch         | Brian          |
| <b>2589</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Kelliher      | Michelle       |
| <b>3978</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Kim           | Dohoon         |
| <b>2248</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Kim           | Jason          |
| <b>1042</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | King          | Oliver Davis   |
| <b>1047</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | LEE           | Michael        |
| <b>1043</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Litvak        | Irina          |
| <b>2220</b> | BBS     | 550     | PBG     | Laboratory Rotation (PGSP) | Luban         | Jeremy         |

|             |     |     |     |                            |                |                |
|-------------|-----|-----|-----|----------------------------|----------------|----------------|
| <b>2265</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Madison        | John Mark      |
| <b>1044</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Mandon         | Elisabet       |
| <b>2221</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Martin         | Gilles         |
| <b>1511</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Miller         | Stephen        |
| <b>1045</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Ogembo         | Javier         |
| <b>2347</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Pukkila-Worley | Read           |
| <b>2263</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Sassetti       | Christopher    |
| <b>3975</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | SCHAFER        | Dorothy        |
| <b>2348</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | SONTHEIMER     | Erik           |
| <b>2349</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Thompson       | Paul           |
| <b>2350</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Wang           | Donghai        |
| <b>2590</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Weaver         | David          |
| <b>3976</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Xue            | Wen            |
| <b>2266</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Yu             | Hong           |
| <b>2189</b> | BBS | 550 | PBG | Laboratory Rotation (PGSP) | Ziedonis       | Douglas        |
| <b>1061</b> | BBS | 851 | 1   | Laboratory Rotation        | Alkema         | Mark           |
| <b>1247</b> | BBS | 851 | 1   | Laboratory Rotation        | Allison        | Jeroan         |
| <b>2255</b> | BBS | 851 | 1   | Laboratory Rotation        | Alonso         | Laura Cristina |
| <b>1062</b> | BBS | 851 | 1   | Laboratory Rotation        | Altieri        | Dario          |
| <b>1063</b> | BBS | 851 | 1   | Laboratory Rotation        | Ambros         | Victor         |
| <b>1064</b> | BBS | 851 | 1   | Laboratory Rotation        | Anderson       | Frederick      |
| <b>2333</b> | BBS | 851 | 1   | Laboratory Rotation        | AROIAN         | Raffi Van      |
| <b>1065</b> | BBS | 851 | 1   | Laboratory Rotation        | Aronin         | Neil           |
| <b>1264</b> | BBS | 851 | 1   | Laboratory Rotation        | Aronson        | Michael        |
| <b>2225</b> | BBS | 851 | 1   | Laboratory Rotation        | Babcock        | Gregory        |
| <b>1066</b> | BBS | 851 | 1   | Laboratory Rotation        | Bach           | Ingolf         |
| <b>1067</b> | BBS | 851 | 1   | Laboratory Rotation        | Baehrecke      | Eric           |
| <b>1260</b> | BBS | 851 | 1   | Laboratory Rotation        | Bailey         | Jeffrey        |
| <b>1068</b> | BBS | 851 | 1   | Laboratory Rotation        | Baker          | Richard        |
| <b>1069</b> | BBS | 851 | 1   | Laboratory Rotation        | Bao            | Zheng-Zheng    |
| <b>2310</b> | BBS | 851 | 1   | Laboratory Rotation        | Behar          | Samuel         |
| <b>1246</b> | BBS | 851 | 1   | Laboratory Rotation        | Benard         | Claire         |
| <b>1070</b> | BBS | 851 | 1   | Laboratory Rotation        | Berg           | Leslie         |
| <b>1289</b> | BBS | 851 | 1   | Laboratory Rotation        | Bergmann       | Andreas        |
| <b>1071</b> | BBS | 851 | 1   | Laboratory Rotation        | Bogdanov       | Alexei         |
| <b>1072</b> | BBS | 851 | 1   | Laboratory Rotation        | Bolon          | Daniel         |
| <b>1073</b> | BBS | 851 | 1   | Laboratory Rotation        | Bortell        | Rita           |
| <b>1074</b> | BBS | 851 | 1   | Laboratory Rotation        | Bosch          | Irene          |
| <b>1236</b> | BBS | 851 | 1   | Laboratory Rotation        | Bosco          | Daryl          |
| <b>1075</b> | BBS | 851 | 1   | Laboratory Rotation        | Boyartchuk     | Victor         |
| <b>1259</b> | BBS | 851 | 1   | Laboratory Rotation        | Boyer          | Edward         |

|             |     |     |   |                     |               |                 |
|-------------|-----|-----|---|---------------------|---------------|-----------------|
| <b>1255</b> | BBS | 851 | 1 | Laboratory Rotation | Brehm         | Michael         |
| <b>2273</b> | BBS | 851 | 1 | Laboratory Rotation | BREWER        | Judson          |
| <b>3985</b> | BBS | 851 | 1 | Laboratory Rotation | Brewster      | Robert          |
| <b>1076</b> | BBS | 851 | 1 | Laboratory Rotation | Brodsky       | Michael         |
| <b>1237</b> | BBS | 851 | 1 | Laboratory Rotation | Brown         | Robert          |
| <b>1077</b> | BBS | 851 | 1 | Laboratory Rotation | Budnik        | Vivian          |
| <b>1271</b> | BBS | 851 | 1 | Laboratory Rotation | Caffrey       | Daniel          |
| <b>1079</b> | BBS | 851 | 1 | Laboratory Rotation | Cantor        | Sharon          |
| <b>1080</b> | BBS | 851 | 1 | Laboratory Rotation | Carraway      | Robert          |
| <b>1081</b> | BBS | 851 | 1 | Laboratory Rotation | Carruthers    | Anthony         |
| <b>1082</b> | BBS | 851 | 1 | Laboratory Rotation | Castilla      | Lucio           |
| <b>3988</b> | BBS | 851 | 1 | Laboratory Rotation | CAVACINI      | Lisa Ann        |
| <b>1258</b> | BBS | 851 | 1 | Laboratory Rotation | Ceol          | Craig           |
| <b>1083</b> | BBS | 851 | 1 | Laboratory Rotation | Chan          | Francis Ka Ming |
| <b>1084</b> | BBS | 851 | 1 | Laboratory Rotation | Clapham       | Paul            |
| <b>1085</b> | BBS | 851 | 1 | Laboratory Rotation | Clark         | Robin           |
| <b>1078</b> | BBS | 851 | 1 | Laboratory Rotation | Cooper        | Marcus          |
| <b>1086</b> | BBS | 851 | 1 | Laboratory Rotation | Corvera       | Silvia          |
| <b>1087</b> | BBS | 851 | 1 | Laboratory Rotation | Craig         | Roger           |
| <b>1088</b> | BBS | 851 | 1 | Laboratory Rotation | Czech         | Michael         |
| <b>1089</b> | BBS | 851 | 1 | Laboratory Rotation | Davis         | Roger           |
| <b>1090</b> | BBS | 851 | 1 | Laboratory Rotation | Dekker        | Job             |
| <b>4030</b> | BBS | 851 | 1 | Laboratory Rotation | Deligiannidis | Kristina        |
| <b>1091</b> | BBS | 851 | 1 | Laboratory Rotation | DiFranza      | Joseph          |
| <b>1272</b> | BBS | 851 | 1 | Laboratory Rotation | dilorio       | Philip          |
| <b>1092</b> | BBS | 851 | 1 | Laboratory Rotation | Dobner        | Paul            |
| <b>1093</b> | BBS | 851 | 1 | Laboratory Rotation | Doxsey        | Stephen         |
| <b>1094</b> | BBS | 851 | 1 | Laboratory Rotation | Ellison       | Richard         |
| <b>1095</b> | BBS | 851 | 1 | Laboratory Rotation | EMERY         | Patrick         |
| <b>1172</b> | BBS | 851 | 1 | Laboratory Rotation | Etzel         | Lori            |
| <b>2254</b> | BBS | 851 | 1 | Laboratory Rotation | Evens         | Andrew          |
| <b>1270</b> | BBS | 851 | 1 | Laboratory Rotation | Fazzio        | Thomas          |
| <b>1096</b> | BBS | 851 | 1 | Laboratory Rotation | Field         | Terry           |
| <b>1097</b> | BBS | 851 | 1 | Laboratory Rotation | Finberg       | Robert          |
| <b>1098</b> | BBS | 851 | 1 | Laboratory Rotation | Fisher        | William         |
| <b>1099</b> | BBS | 851 | 1 | Laboratory Rotation | Fitzgerald    | Katherine       |
| <b>1100</b> | BBS | 851 | 1 | Laboratory Rotation | Flotte        | Terence         |
| <b>1101</b> | BBS | 851 | 1 | Laboratory Rotation | Francis       | Michael         |
| <b>1102</b> | BBS | 851 | 1 | Laboratory Rotation | Franklin      | Patricia        |
| <b>1285</b> | BBS | 851 | 1 | Laboratory Rotation | Freedman      | Jane            |
| <b>1103</b> | BBS | 851 | 1 | Laboratory Rotation | Freeman       | Marc            |

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|-------------|-----|-----|---|---------------------|---------------|-----------------|
| <b>1253</b> | BBS | 851 | 1 | Laboratory Rotation | Fulwiler      | Carl            |
| <b>1273</b> | BBS | 851 | 1 | Laboratory Rotation | Futai         | Kensuke         |
| <b>1104</b> | BBS | 851 | 1 | Laboratory Rotation | Galdzicka     | Marzena         |
| <b>1266</b> | BBS | 851 | 1 | Laboratory Rotation | Gao           | Fen-Biao        |
| <b>1105</b> | BBS | 851 | 1 | Laboratory Rotation | Gao           | Guangping       |
| <b>1060</b> | BBS | 851 | 1 | Laboratory Rotation | Garber        | Manuel          |
| <b>1106</b> | BBS | 851 | 1 | Laboratory Rotation | Gardner       | Paul            |
| <b>1107</b> | BBS | 851 | 1 | Laboratory Rotation | Gilmore       | James Reid      |
| <b>1108</b> | BBS | 851 | 1 | Laboratory Rotation | Ginns         | Edward          |
| <b>2217</b> | BBS | 851 | 1 | Laboratory Rotation | Goguen        | Jon             |
| <b>1109</b> | BBS | 851 | 1 | Laboratory Rotation | Goldberg      | Robert          |
| <b>1110</b> | BBS | 851 | 1 | Laboratory Rotation | Golenbock     | Douglas         |
| <b>1111</b> | BBS | 851 | 1 | Laboratory Rotation | Gottlinger    | Heinrich        |
| <b>1112</b> | BBS | 851 | 1 | Laboratory Rotation | Gounis        | Matthew         |
| <b>1113</b> | BBS | 851 | 1 | Laboratory Rotation | Gravallese    | Ellen           |
| <b>1114</b> | BBS | 851 | 1 | Laboratory Rotation | GREEN         | Michael Richard |
| <b>1115</b> | BBS | 851 | 1 | Laboratory Rotation | Green         | Sharone         |
| <b>1116</b> | BBS | 851 | 1 | Laboratory Rotation | Greiner       | Dale            |
| <b>1059</b> | BBS | 851 | 1 | Laboratory Rotation | Grunwald      | David           |
| <b>1249</b> | BBS | 851 | 1 | Laboratory Rotation | Guertin       | David           |
| <b>2226</b> | BBS | 851 | 1 | Laboratory Rotation | Hall-Anderson | Lisa            |
| <b>1274</b> | BBS | 851 | 1 | Laboratory Rotation | Han           | Gang            |
| <b>2291</b> | BBS | 851 | 1 | Laboratory Rotation | Harlan        | David           |
| <b>1275</b> | BBS | 851 | 1 | Laboratory Rotation | Harris        | John            |
| <b>1117</b> | BBS | 851 | 1 | Laboratory Rotation | Hayward       | Lawrence        |
| <b>1118</b> | BBS | 851 | 1 | Laboratory Rotation | Huseby        | Eric            |
| <b>1119</b> | BBS | 851 | 1 | Laboratory Rotation | Imbalzano     | Anthony         |
| <b>1120</b> | BBS | 851 | 1 | Laboratory Rotation | Iorio         | Ronald          |
| <b>1121</b> | BBS | 851 | 1 | Laboratory Rotation | Ip            | Yicktung        |
| <b>1122</b> | BBS | 851 | 1 | Laboratory Rotation | Jacobson      | Allan           |
| <b>1256</b> | BBS | 851 | 1 | Laboratory Rotation | Jensen        | Jeffrey         |
| <b>1262</b> | BBS | 851 | 1 | Laboratory Rotation | Johnson       | Julia           |
| <b>1123</b> | BBS | 851 | 1 | Laboratory Rotation | Jonassen      | Julie           |
| <b>1124</b> | BBS | 851 | 1 | Laboratory Rotation | Jones         | Stephen         |
| <b>1125</b> | BBS | 851 | 1 | Laboratory Rotation | Kang          | Joonsoo         |
| <b>2334</b> | BBS | 851 | 1 | Laboratory Rotation | Karlsson      | Elinor          |
| <b>1126</b> | BBS | 851 | 1 | Laboratory Rotation | Kaufman       | Paul            |
| <b>1244</b> | BBS | 851 | 1 | Laboratory Rotation | Kaushal       | Shalesh         |
| <b>1261</b> | BBS | 851 | 1 | Laboratory Rotation | Keaney        | John            |
| <b>2314</b> | BBS | 851 | 1 | Laboratory Rotation | Kelch         | Brian           |
| <b>1127</b> | BBS | 851 | 1 | Laboratory Rotation | Kelliher      | Michelle        |

|             |     |     |   |                     |            |            |
|-------------|-----|-----|---|---------------------|------------|------------|
| <b>1286</b> | BBS | 851 | 1 | Laboratory Rotation | Kennedy    | David      |
| <b>1276</b> | BBS | 851 | 1 | Laboratory Rotation | Khanna     | Hemant     |
| <b>1032</b> | BBS | 851 | 1 | Laboratory Rotation | Khvorova   | Anastasia  |
| <b>1250</b> | BBS | 851 | 1 | Laboratory Rotation | Kiefe      | Catarina   |
| <b>1128</b> | BBS | 851 | 1 | Laboratory Rotation | Kilpatrick | Daniel     |
| <b>3989</b> | BBS | 851 | 1 | Laboratory Rotation | Kim        | Dohoon     |
| <b>1238</b> | BBS | 851 | 1 | Laboratory Rotation | Kim        | Jason      |
| <b>1129</b> | BBS | 851 | 1 | Laboratory Rotation | King       | Jean       |
| <b>1130</b> | BBS | 851 | 1 | Laboratory Rotation | King       | Michael    |
| <b>1131</b> | BBS | 851 | 1 | Laboratory Rotation | Kobertz    | William    |
| <b>1132</b> | BBS | 851 | 1 | Laboratory Rotation | Kornfeld   | Hardy      |
| <b>1277</b> | BBS | 851 | 1 | Laboratory Rotation | Korostelev | Andrei     |
| <b>1133</b> | BBS | 851 | 1 | Laboratory Rotation | Kowalik    | Timothy    |
| <b>1134</b> | BBS | 851 | 1 | Laboratory Rotation | Kurt-Jones | Evelyn     |
| <b>1135</b> | BBS | 851 | 1 | Laboratory Rotation | Lambright  | David      |
| <b>1245</b> | BBS | 851 | 1 | Laboratory Rotation | Landers    | John       |
| <b>2286</b> | BBS | 851 | 1 | Laboratory Rotation | Lane       | Mary       |
| <b>1136</b> | BBS | 851 | 1 | Laboratory Rotation | Languino   | Lucia      |
| <b>1137</b> | BBS | 851 | 1 | Laboratory Rotation | Latz       | Eicke      |
| <b>1138</b> | BBS | 851 | 1 | Laboratory Rotation | Lawrence   | Jeanne     |
| <b>1139</b> | BBS | 851 | 1 | Laboratory Rotation | Lawson     | Nathan     |
| <b>1049</b> | BBS | 851 | 1 | Laboratory Rotation | LEE        | Michael    |
| <b>1140</b> | BBS | 851 | 1 | Laboratory Rotation | Lee        | Tzumin     |
| <b>1141</b> | BBS | 851 | 1 | Laboratory Rotation | Leiter     | Andrew     |
| <b>1239</b> | BBS | 851 | 1 | Laboratory Rotation | Leonard    | Jack       |
| <b>1142</b> | BBS | 851 | 1 | Laboratory Rotation | Leong      | John       |
| <b>1143</b> | BBS | 851 | 1 | Laboratory Rotation | Levitz     | Stuart     |
| <b>1144</b> | BBS | 851 | 1 | Laboratory Rotation | Lewis      | Brian      |
| <b>1145</b> | BBS | 851 | 1 | Laboratory Rotation | Li         | Hong-Sheng |
| <b>1240</b> | BBS | 851 | 1 | Laboratory Rotation | Li         | Shaoguang  |
| <b>1146</b> | BBS | 851 | 1 | Laboratory Rotation | Lian       | Jane       |
| <b>1147</b> | BBS | 851 | 1 | Laboratory Rotation | Libraty    | Daniel     |
| <b>1148</b> | BBS | 851 | 1 | Laboratory Rotation | Lien       | Egil       |
| <b>1149</b> | BBS | 851 | 1 | Laboratory Rotation | Lilly      | Craig      |
| <b>1267</b> | BBS | 851 | 1 | Laboratory Rotation | Lois       | Carlos     |
| <b>1150</b> | BBS | 851 | 1 | Laboratory Rotation | Lu         | Shan       |
| <b>2227</b> | BBS | 851 | 1 | Laboratory Rotation | Luban      | Jeremy     |
| <b>1151</b> | BBS | 851 | 1 | Laboratory Rotation | Luckmann   | Roger      |
| <b>1152</b> | BBS | 851 | 1 | Laboratory Rotation | Luna       | Elizabeth  |
| <b>1153</b> | BBS | 851 | 1 | Laboratory Rotation | Luo        | Jianyuan   |
| <b>1154</b> | BBS | 851 | 1 | Laboratory Rotation | Lyle       | Stephen    |

|             |     |     |   |                     |                |                |
|-------------|-----|-----|---|---------------------|----------------|----------------|
| <b>2271</b> | BBS | 851 | 1 | Laboratory Rotation | Madison        | John Mark      |
| <b>2192</b> | BBS | 851 | 1 | Laboratory Rotation | Maehr          | Rene           |
| <b>1251</b> | BBS | 851 | 1 | Laboratory Rotation | Mandrekar      | Pranoti        |
| <b>1241</b> | BBS | 851 | 1 | Laboratory Rotation | Mao            | Junhao         |
| <b>1263</b> | BBS | 851 | 1 | Laboratory Rotation | Maranda        | Louise         |
| <b>1243</b> | BBS | 851 | 1 | Laboratory Rotation | Marshall       | William        |
| <b>2228</b> | BBS | 851 | 1 | Laboratory Rotation | Martin         | Gilles         |
| <b>1155</b> | BBS | 851 | 1 | Laboratory Rotation | Massi          | Francesca      |
| <b>1278</b> | BBS | 851 | 1 | Laboratory Rotation | Mathew         | Anuja          |
| <b>1156</b> | BBS | 851 | 1 | Laboratory Rotation | Matthews       | Charles Robert |
| <b>1157</b> | BBS | 851 | 1 | Laboratory Rotation | McCollum       | Dannel         |
| <b>1269</b> | BBS | 851 | 1 | Laboratory Rotation | McCormick      | Beth           |
| <b>1158</b> | BBS | 851 | 1 | Laboratory Rotation | Melikian       | Haley          |
| <b>1159</b> | BBS | 851 | 1 | Laboratory Rotation | Mello          | Craig          |
| <b>1160</b> | BBS | 851 | 1 | Laboratory Rotation | Mercurio       | Arthur         |
| <b>1161</b> | BBS | 851 | 1 | Laboratory Rotation | Miller         | Stephen        |
| <b>1279</b> | BBS | 851 | 1 | Laboratory Rotation | Moore          | Constance      |
| <b>1162</b> | BBS | 851 | 1 | Laboratory Rotation | Moore          | Melissa        |
| <b>1252</b> | BBS | 851 | 1 | Laboratory Rotation | Moormann       | Ann            |
| <b>1163</b> | BBS | 851 | 1 | Laboratory Rotation | Morabito       | Maria          |
| <b>1164</b> | BBS | 851 | 1 | Laboratory Rotation | Morrison       | Trudy          |
| <b>1284</b> | BBS | 851 | 1 | Laboratory Rotation | Muller         | Christian      |
| <b>1165</b> | BBS | 851 | 1 | Laboratory Rotation | Munson         | Maryann        |
| <b>1166</b> | BBS | 851 | 1 | Laboratory Rotation | Newburger      | Peter          |
| <b>1167</b> | BBS | 851 | 1 | Laboratory Rotation | Ockene         | Ira            |
| <b>1168</b> | BBS | 851 | 1 | Laboratory Rotation | Ockene         | Judith         |
| <b>1169</b> | BBS | 851 | 1 | Laboratory Rotation | Odgren         | Paul           |
| <b>1287</b> | BBS | 851 | 1 | Laboratory Rotation | ORTIZMIRANDA   | Sonia          |
| <b>1170</b> | BBS | 851 | 1 | Laboratory Rotation | Paydarfar      | David          |
| <b>1171</b> | BBS | 851 | 1 | Laboratory Rotation | Pazour         | Gregory        |
| <b>1173</b> | BBS | 851 | 1 | Laboratory Rotation | Peterson       | Craig          |
| <b>1174</b> | BBS | 851 | 1 | Laboratory Rotation | Pryciak        | Peter          |
| <b>2335</b> | BBS | 851 | 1 | Laboratory Rotation | Pukkila-Worley | Read           |
| <b>1280</b> | BBS | 851 | 1 | Laboratory Rotation | Punzo          | Claudio        |
| <b>1175</b> | BBS | 851 | 1 | Laboratory Rotation | Ram            | Sanjay         |
| <b>1176</b> | BBS | 851 | 1 | Laboratory Rotation | Rando          | Oliver         |
| <b>1177</b> | BBS | 851 | 1 | Laboratory Rotation | Reed           | George         |
| <b>1178</b> | BBS | 851 | 1 | Laboratory Rotation | Reppert        | Steven         |
| <b>1179</b> | BBS | 851 | 1 | Laboratory Rotation | Rhind          | Nicholas       |
| <b>1180</b> | BBS | 851 | 1 | Laboratory Rotation | Rice           | Peter          |
| <b>1181</b> | BBS | 851 | 1 | Laboratory Rotation | Richter        | Joel           |

|             |     |     |   |                     |                   |             |
|-------------|-----|-----|---|---------------------|-------------------|-------------|
| <b>1182</b> | BBS | 851 | 1 | Laboratory Rotation | Rivera Perez      | Jaime       |
| <b>1242</b> | BBS | 851 | 1 | Laboratory Rotation | Rock              | Kenneth     |
| <b>1183</b> | BBS | 851 | 1 | Laboratory Rotation | Rogaev            | Evgeny      |
| <b>1184</b> | BBS | 851 | 1 | Laboratory Rotation | Rothman           | Alan        |
| <b>1185</b> | BBS | 851 | 1 | Laboratory Rotation | Rothschild        | Anthony     |
| <b>1257</b> | BBS | 851 | 1 | Laboratory Rotation | Rothstein         | Ann         |
| <b>1186</b> | BBS | 851 | 1 | Laboratory Rotation | Royer             | William     |
| <b>1187</b> | BBS | 851 | 1 | Laboratory Rotation | Ruiz De Luzuriaga | Katherine   |
| <b>1188</b> | BBS | 851 | 1 | Laboratory Rotation | Ryder             | Sean        |
| <b>1189</b> | BBS | 851 | 1 | Laboratory Rotation | Sagerstrom        | Charles     |
| <b>1190</b> | BBS | 851 | 1 | Laboratory Rotation | Sanderson         | Michael     |
| <b>1191</b> | BBS | 851 | 1 | Laboratory Rotation | Sassetti          | Christopher |
| <b>3986</b> | BBS | 851 | 1 | Laboratory Rotation | SCHAFER           | Dorothy     |
| <b>1192</b> | BBS | 851 | 1 | Laboratory Rotation | Schiffer          | Celia       |
| <b>1193</b> | BBS | 851 | 1 | Laboratory Rotation | Schmidt           | Madelyn     |
| <b>1194</b> | BBS | 851 | 1 | Laboratory Rotation | Schwartz          | William     |
| <b>1195</b> | BBS | 851 | 1 | Laboratory Rotation | Selin             | Liisa       |
| <b>1248</b> | BBS | 851 | 1 | Laboratory Rotation | Sena Esteves      | Miguel      |
| <b>1281</b> | BBS | 851 | 1 | Laboratory Rotation | Shaffer           | Scott       |
| <b>1196</b> | BBS | 851 | 1 | Laboratory Rotation | Shaw              | Leslie      |
| <b>1197</b> | BBS | 851 | 1 | Laboratory Rotation | Silverman         | Neal        |
| <b>1198</b> | BBS | 851 | 1 | Laboratory Rotation | Simin             | Karl        |
| <b>1199</b> | BBS | 851 | 1 | Laboratory Rotation | Sluder            | Greenfield  |
| <b>1200</b> | BBS | 851 | 1 | Laboratory Rotation | Sluss             | Hayla       |
| <b>1201</b> | BBS | 851 | 1 | Laboratory Rotation | Socolovsky        | Merav       |
| <b>1202</b> | BBS | 851 | 1 | Laboratory Rotation | Song              | Jie         |
| <b>2336</b> | BBS | 851 | 1 | Laboratory Rotation | SONTHEIMER        | Erik        |
| <b>1203</b> | BBS | 851 | 1 | Laboratory Rotation | Sotak             | Christopher |
| <b>1282</b> | BBS | 851 | 1 | Laboratory Rotation | Stalvey           | Michael     |
| <b>1204</b> | BBS | 851 | 1 | Laboratory Rotation | Stavnezer         | Janet       |
| <b>1205</b> | BBS | 851 | 1 | Laboratory Rotation | Stein             | Gary        |
| <b>1206</b> | BBS | 851 | 1 | Laboratory Rotation | Stein             | Janet       |
| <b>1207</b> | BBS | 851 | 1 | Laboratory Rotation | Stern             | Lawrence    |
| <b>1208</b> | BBS | 851 | 1 | Laboratory Rotation | Stevenson         | Mario       |
| <b>1288</b> | BBS | 851 | 1 | Laboratory Rotation | Stoothoff         | Will        |
| <b>1209</b> | BBS | 851 | 1 | Laboratory Rotation | Sullivan          | John        |
| <b>1283</b> | BBS | 851 | 1 | Laboratory Rotation | Swain             | Susan       |
| <b>1210</b> | BBS | 851 | 1 | Laboratory Rotation | Szabo             | Gyongyi     |
| <b>1212</b> | BBS | 851 | 1 | Laboratory Rotation | Tapper            | Andrew      |
| <b>1213</b> | BBS | 851 | 1 | Laboratory Rotation | Terajima          | Masanori    |
| <b>1214</b> | BBS | 851 | 1 | Laboratory Rotation | Theurkauf         | William     |

|             |     |     |   |                         |            |                |
|-------------|-----|-----|---|-------------------------|------------|----------------|
| <b>2337</b> | BBS | 851 | 1 | Laboratory Rotation     | Thompson   | Paul           |
| <b>1215</b> | BBS | 851 | 1 | Laboratory Rotation     | Tissenbaum | Heidi          |
| <b>1290</b> | BBS | 851 | 1 | Laboratory Rotation     | Trivedi    | Chinmay        |
| <b>1211</b> | BBS | 851 | 1 | Laboratory Rotation     | Tsuda      | Eva            |
| <b>1216</b> | BBS | 851 | 1 | Laboratory Rotation     | Upshur     | Carole         |
| <b>1217</b> | BBS | 851 | 1 | Laboratory Rotation     | Urano      | Fumihiko       |
| <b>1218</b> | BBS | 851 | 1 | Laboratory Rotation     | Vanwijnen  | Andre          |
| <b>1219</b> | BBS | 851 | 1 | Laboratory Rotation     | Volkert    | Michael        |
| <b>1220</b> | BBS | 851 | 1 | Laboratory Rotation     | Waddell    | Scott          |
| <b>1221</b> | BBS | 851 | 1 | Laboratory Rotation     | Walhout    | Albertha       |
| <b>2191</b> | BBS | 851 | 1 | Laboratory Rotation     | Walker     | Amy            |
| <b>1222</b> | BBS | 851 | 1 | Laboratory Rotation     | Walsh      | John Vincent   |
| <b>2338</b> | BBS | 851 | 1 | Laboratory Rotation     | Wang       | Donghai        |
| <b>1268</b> | BBS | 851 | 1 | Laboratory Rotation     | Wang       | Jennifer       |
| <b>1223</b> | BBS | 851 | 1 | Laboratory Rotation     | Wang       | Yong Xu        |
| <b>1254</b> | BBS | 851 | 1 | Laboratory Rotation     | Waring     | Molly          |
| <b>1224</b> | BBS | 851 | 1 | Laboratory Rotation     | Weaver     | David          |
| <b>1225</b> | BBS | 851 | 1 | Laboratory Rotation     | Welsh      | Raymond        |
| <b>1226</b> | BBS | 851 | 1 | Laboratory Rotation     | Weng       | Zhiping        |
| <b>1227</b> | BBS | 851 | 1 | Laboratory Rotation     | Wolfe      | Scot           |
| <b>1228</b> | BBS | 851 | 1 | Laboratory Rotation     | Woodland   | Robert         |
| <b>2190</b> | BBS | 851 | 1 | Laboratory Rotation     | Xiang      | Yang           |
| <b>1229</b> | BBS | 851 | 1 | Laboratory Rotation     | Xu         | Lan            |
| <b>1230</b> | BBS | 851 | 1 | Laboratory Rotation     | Xu         | Zuoshang       |
| <b>3987</b> | BBS | 851 | 1 | Laboratory Rotation     | Xue        | Wen            |
| <b>1231</b> | BBS | 851 | 1 | Laboratory Rotation     | Yoshihara  | Motojiro       |
| <b>1265</b> | BBS | 851 | 1 | Laboratory Rotation     | Young      | Stephen        |
| <b>2272</b> | BBS | 851 | 1 | Laboratory Rotation     | Yu         | Hong           |
| <b>1232</b> | BBS | 851 | 1 | Laboratory Rotation     | Zamore     | Phillip        |
| <b>1233</b> | BBS | 851 | 1 | Laboratory Rotation     | Zapp       | Maria          |
| <b>1234</b> | BBS | 851 | 1 | Laboratory Rotation     | Zhang      | Hong           |
| <b>1018</b> | BBS | 851 | 1 | Laboratory Rotation     | Zhang      | Nanyin         |
| <b>1235</b> | BBS | 851 | 1 | Laboratory Rotation     | ZHUGE      | Ronghua        |
| <b>2193</b> | BBS | 851 | 1 | Laboratory Rotation     | Ziedonis   | Douglas        |
| <b>2176</b> | BBS | 870 | 1 | Pre-Qualifying Research | Akbarian   | Schahram       |
| <b>2241</b> | BBS | 870 | 1 | Pre-Qualifying Research | Alkema     | Mark           |
| <b>1531</b> | BBS | 870 | 1 | Pre-Qualifying Research | Allison    | Jeroan         |
| <b>2256</b> | BBS | 870 | 1 | Pre-Qualifying Research | Alonso     | Laura Cristina |
| <b>2296</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ambros     | Victor         |
| <b>2327</b> | BBS | 870 | 1 | Pre-Qualifying Research | AROIAN     | Raffi Van      |
| <b>2302</b> | BBS | 870 | 1 | Pre-Qualifying Research | Aronin     | Neil           |

|             |     |     |   |                         |            |                 |
|-------------|-----|-----|---|-------------------------|------------|-----------------|
| <b>2110</b> | BBS | 870 | 1 | Pre-Qualifying Research | Aronson    | Michael         |
| <b>2229</b> | BBS | 870 | 1 | Pre-Qualifying Research | Babcock    | Gregory         |
| <b>1520</b> | BBS | 870 | 1 | Pre-Qualifying Research | Baehrecke  | Eric            |
| <b>2106</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bailey     | Jeffrey         |
| <b>1521</b> | BBS | 870 | 1 | Pre-Qualifying Research | Baker      | Richard         |
| <b>1522</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bao        | Zheng-Zheng     |
| <b>2288</b> | BBS | 870 | 1 | Pre-Qualifying Research | Behar      | Samuel          |
| <b>2140</b> | BBS | 870 | 1 | Pre-Qualifying Research | Benanti    | Jennifer        |
| <b>1708</b> | BBS | 870 | 1 | Pre-Qualifying Research | Benard     | Claire          |
| <b>1523</b> | BBS | 870 | 1 | Pre-Qualifying Research | Berg       | Leslie          |
| <b>2194</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bergmann   | Andreas         |
| <b>1524</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bogdanov   | Alexei          |
| <b>1525</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bolon      | Daniel          |
| <b>1526</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bortell    | Rita            |
| <b>1527</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bosch      | Irene           |
| <b>1701</b> | BBS | 870 | 1 | Pre-Qualifying Research | Bosco      | Daryl           |
| <b>1528</b> | BBS | 870 | 1 | Pre-Qualifying Research | Boyartchuk | Victor          |
| <b>2105</b> | BBS | 870 | 1 | Pre-Qualifying Research | Boyer      | Edward          |
| <b>1548</b> | BBS | 870 | 1 | Pre-Qualifying Research | Brehm      | Michael         |
| <b>2276</b> | BBS | 870 | 1 | Pre-Qualifying Research | BREWER     | Judson          |
| <b>3990</b> | BBS | 870 | 1 | Pre-Qualifying Research | Brewster   | Robert          |
| <b>1529</b> | BBS | 870 | 1 | Pre-Qualifying Research | Brodsky    | Michael         |
| <b>1703</b> | BBS | 870 | 1 | Pre-Qualifying Research | Brown      | Robert          |
| <b>1530</b> | BBS | 870 | 1 | Pre-Qualifying Research | Budnik     | Vivian          |
| <b>2141</b> | BBS | 870 | 1 | Pre-Qualifying Research | Caffrey    | Daniel          |
| <b>1532</b> | BBS | 870 | 1 | Pre-Qualifying Research | Cantor     | Sharon          |
| <b>1533</b> | BBS | 870 | 1 | Pre-Qualifying Research | Carraway   | Robert          |
| <b>1534</b> | BBS | 870 | 1 | Pre-Qualifying Research | Carruthers | Anthony         |
| <b>1535</b> | BBS | 870 | 1 | Pre-Qualifying Research | Castilla   | Lucio           |
| <b>3992</b> | BBS | 870 | 1 | Pre-Qualifying Research | CAVACINI   | Lisa Ann        |
| <b>3993</b> | BBS | 870 | 1 | Pre-Qualifying Research | CAVACINI   | Lisa Ann        |
| <b>1570</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ceol       | Craig           |
| <b>1536</b> | BBS | 870 | 1 | Pre-Qualifying Research | Chan       | Francis Ka Ming |
| <b>1537</b> | BBS | 870 | 1 | Pre-Qualifying Research | Clapham    | Paul            |
| <b>1538</b> | BBS | 870 | 1 | Pre-Qualifying Research | Clark      | Robin           |
| <b>1617</b> | BBS | 870 | 1 | Pre-Qualifying Research | Cooper     | Marcus          |
| <b>1539</b> | BBS | 870 | 1 | Pre-Qualifying Research | Corvera    | Silvia          |
| <b>1540</b> | BBS | 870 | 1 | Pre-Qualifying Research | Craig      | Roger           |
| <b>1646</b> | BBS | 870 | 1 | Pre-Qualifying Research | Darling    | Chad            |
| <b>1541</b> | BBS | 870 | 1 | Pre-Qualifying Research | Davis      | Roger           |
| <b>1542</b> | BBS | 870 | 1 | Pre-Qualifying Research | Dekker     | Job             |

|             |     |     |   |                         |               |                 |
|-------------|-----|-----|---|-------------------------|---------------|-----------------|
| <b>4029</b> | BBS | 870 | 1 | Pre-Qualifying Research | Deligiannidis | Kristina        |
| <b>1543</b> | BBS | 870 | 1 | Pre-Qualifying Research | DiFranza      | Joseph          |
| <b>2142</b> | BBS | 870 | 1 | Pre-Qualifying Research | dilorio       | Philip          |
| <b>1544</b> | BBS | 870 | 1 | Pre-Qualifying Research | Dobner        | Paul            |
| <b>1545</b> | BBS | 870 | 1 | Pre-Qualifying Research | Doxsey        | Stephen         |
| <b>1546</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ellison       | Richard         |
| <b>1006</b> | BBS | 870 | 1 | Pre-Qualifying Research | Emerson Jr.   | Charles         |
| <b>1547</b> | BBS | 870 | 1 | Pre-Qualifying Research | EMERY         | Patrick         |
| <b>1629</b> | BBS | 870 | 1 | Pre-Qualifying Research | Etzel         | Lori            |
| <b>2257</b> | BBS | 870 | 1 | Pre-Qualifying Research | Evens         | Andrew          |
| <b>2137</b> | BBS | 870 | 1 | Pre-Qualifying Research | Fazzio        | Thomas          |
| <b>1549</b> | BBS | 870 | 1 | Pre-Qualifying Research | Field         | Terry           |
| <b>1550</b> | BBS | 870 | 1 | Pre-Qualifying Research | Finberg       | Robert          |
| <b>1551</b> | BBS | 870 | 1 | Pre-Qualifying Research | Fisher        | William         |
| <b>1552</b> | BBS | 870 | 1 | Pre-Qualifying Research | Fitzgerald    | Katherine       |
| <b>1553</b> | BBS | 870 | 1 | Pre-Qualifying Research | Flotte        | Terence         |
| <b>1554</b> | BBS | 870 | 1 | Pre-Qualifying Research | Francis       | Michael         |
| <b>1555</b> | BBS | 870 | 1 | Pre-Qualifying Research | Franklin      | Patricia        |
| <b>2179</b> | BBS | 870 | 1 | Pre-Qualifying Research | Freedman      | Jane            |
| <b>1556</b> | BBS | 870 | 1 | Pre-Qualifying Research | Freeman       | Marc            |
| <b>1657</b> | BBS | 870 | 1 | Pre-Qualifying Research | Fulwiler      | Carl            |
| <b>2143</b> | BBS | 870 | 1 | Pre-Qualifying Research | Futai         | Kensuke         |
| <b>1557</b> | BBS | 870 | 1 | Pre-Qualifying Research | Galdzicka     | Marzena         |
| <b>2125</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gao           | Fen-Biao        |
| <b>1559</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gao           | Guangping       |
| <b>1558</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gardner       | Paul            |
| <b>1560</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gilmore       | James Reid      |
| <b>1561</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ginns         | Edward          |
| <b>2242</b> | BBS | 870 | 1 | Pre-Qualifying Research | Goguen        | Jon             |
| <b>1562</b> | BBS | 870 | 1 | Pre-Qualifying Research | Goldberg      | Robert          |
| <b>1563</b> | BBS | 870 | 1 | Pre-Qualifying Research | Golenbock     | Douglas         |
| <b>1564</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gottlinger    | Heinrich        |
| <b>1565</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gounis        | Matthew         |
| <b>1566</b> | BBS | 870 | 1 | Pre-Qualifying Research | Gravallese    | Ellen           |
| <b>1567</b> | BBS | 870 | 1 | Pre-Qualifying Research | GREEN         | Michael Richard |
| <b>1568</b> | BBS | 870 | 1 | Pre-Qualifying Research | Green         | Sharone         |
| <b>1569</b> | BBS | 870 | 1 | Pre-Qualifying Research | Greiner       | Dale            |
| <b>1674</b> | BBS | 870 | 1 | Pre-Qualifying Research | Guertin       | David           |
| <b>1571</b> | BBS | 870 | 1 | Pre-Qualifying Research | Hagstrom      | Kirsten         |
| <b>2230</b> | BBS | 870 | 1 | Pre-Qualifying Research | Hall-Anderson | Lisa            |
| <b>2144</b> | BBS | 870 | 1 | Pre-Qualifying Research | Han           | Gang            |

|             |     |     |   |                         |            |                |
|-------------|-----|-----|---|-------------------------|------------|----------------|
| <b>2293</b> | BBS | 870 | 1 | Pre-Qualifying Research | Harlan     | David          |
| <b>2145</b> | BBS | 870 | 1 | Pre-Qualifying Research | Harris     | John           |
| <b>1572</b> | BBS | 870 | 1 | Pre-Qualifying Research | Hayward    | Lawrence       |
| <b>1055</b> | BBS | 870 | 1 | Pre-Qualifying Research | Huh        | Jun            |
| <b>1573</b> | BBS | 870 | 1 | Pre-Qualifying Research | Huseby     | Eric           |
| <b>1574</b> | BBS | 870 | 1 | Pre-Qualifying Research | Imbalzano  | Anthony        |
| <b>1575</b> | BBS | 870 | 1 | Pre-Qualifying Research | Iorio      | Ronald         |
| <b>1576</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ip         | Yicktung       |
| <b>1577</b> | BBS | 870 | 1 | Pre-Qualifying Research | Jacobson   | Allan          |
| <b>1676</b> | BBS | 870 | 1 | Pre-Qualifying Research | Jensen     | Jeffrey        |
| <b>2108</b> | BBS | 870 | 1 | Pre-Qualifying Research | Johnson    | Julia          |
| <b>1578</b> | BBS | 870 | 1 | Pre-Qualifying Research | Jonassen   | Julie          |
| <b>1007</b> | BBS | 870 | 1 | Pre-Qualifying Research | Jones      | Peter Lawrence |
| <b>1579</b> | BBS | 870 | 1 | Pre-Qualifying Research | Jones      | Stephen        |
| <b>1580</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kang       | Joonsoo        |
| <b>2328</b> | BBS | 870 | 1 | Pre-Qualifying Research | Karlsson   | Elinor         |
| <b>1581</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kaufman    | Paul           |
| <b>1706</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kaushal    | Shalesh        |
| <b>2107</b> | BBS | 870 | 1 | Pre-Qualifying Research | Keaney     | John           |
| <b>1037</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kelch      | Brian          |
| <b>1582</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kelliher   | Michelle       |
| <b>2243</b> | BBS | 870 | 1 | Pre-Qualifying Research | Khanna     | Hemant         |
| <b>1033</b> | BBS | 870 | 1 | Pre-Qualifying Research | Khvorova   | Anastasia      |
| <b>1697</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kiefe      | Catarina       |
| <b>1583</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kilpatrick | Daniel         |
| <b>3994</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kim        | Dohoon         |
| <b>1700</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kim        | Jason          |
| <b>1584</b> | BBS | 870 | 1 | Pre-Qualifying Research | King       | Jean           |
| <b>1585</b> | BBS | 870 | 1 | Pre-Qualifying Research | King       | Michael        |
| <b>1008</b> | BBS | 870 | 1 | Pre-Qualifying Research | King       | Oliver Davis   |
| <b>1586</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kobertz    | William        |
| <b>1587</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kowalik    | Timothy        |
| <b>1588</b> | BBS | 870 | 1 | Pre-Qualifying Research | Kurt-Jones | Evelyn         |
| <b>1589</b> | BBS | 870 | 1 | Pre-Qualifying Research | Lambright  | David          |
| <b>1707</b> | BBS | 870 | 1 | Pre-Qualifying Research | Landers    | John           |
| <b>2305</b> | BBS | 870 | 1 | Pre-Qualifying Research | Lane       | Mary           |
| <b>1590</b> | BBS | 870 | 1 | Pre-Qualifying Research | Languino   | Lucia          |
| <b>1591</b> | BBS | 870 | 1 | Pre-Qualifying Research | Latz       | Eicke          |
| <b>1592</b> | BBS | 870 | 1 | Pre-Qualifying Research | Lawrence   | Jeanne         |
| <b>1593</b> | BBS | 870 | 1 | Pre-Qualifying Research | Lawson     | Nathan         |
| <b>1050</b> | BBS | 870 | 1 | Pre-Qualifying Research | LEE        | Michael        |

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|------|-----|-----|---|-------------------------|-----------|----------------|
| 1594 | BBS | 870 | 1 | Pre-Qualifying Research | Lee       | Tzumin         |
| 1595 | BBS | 870 | 1 | Pre-Qualifying Research | Leiter    | Andrew         |
| 1596 | BBS | 870 | 1 | Pre-Qualifying Research | Leonard   | Jack           |
| 1597 | BBS | 870 | 1 | Pre-Qualifying Research | Leong     | John           |
| 1598 | BBS | 870 | 1 | Pre-Qualifying Research | Levitz    | Stuart         |
| 1599 | BBS | 870 | 1 | Pre-Qualifying Research | Lewis     | Brian          |
| 1600 | BBS | 870 | 1 | Pre-Qualifying Research | Li        | Hong-Sheng     |
| 1699 | BBS | 870 | 1 | Pre-Qualifying Research | Li        | Shaoguang      |
| 1601 | BBS | 870 | 1 | Pre-Qualifying Research | Lian      | Jane           |
| 1602 | BBS | 870 | 1 | Pre-Qualifying Research | Libraty   | Daniel         |
| 1603 | BBS | 870 | 1 | Pre-Qualifying Research | Lien      | Egil           |
| 1604 | BBS | 870 | 1 | Pre-Qualifying Research | Lilly     | Craig          |
| 1009 | BBS | 870 | 1 | Pre-Qualifying Research | Litvak    | Vladimir       |
| 2126 | BBS | 870 | 1 | Pre-Qualifying Research | Lois      | Carlos         |
| 1605 | BBS | 870 | 1 | Pre-Qualifying Research | Lu        | Shan           |
| 2186 | BBS | 870 | 1 | Pre-Qualifying Research | Luban     | Jeremy         |
| 1606 | BBS | 870 | 1 | Pre-Qualifying Research | Luckmann  | Roger          |
| 1614 | BBS | 870 | 1 | Pre-Qualifying Research | Luna      | Elizabeth      |
| 1607 | BBS | 870 | 1 | Pre-Qualifying Research | Luo       | Jianyuan       |
| 1608 | BBS | 870 | 1 | Pre-Qualifying Research | Lyle      | Stephen        |
| 2274 | BBS | 870 | 1 | Pre-Qualifying Research | Madison   | John Mark      |
| 2197 | BBS | 870 | 1 | Pre-Qualifying Research | Maehr     | Rene           |
| 1023 | BBS | 870 | 1 | Pre-Qualifying Research | Mandon    | Elisabet       |
| 2091 | BBS | 870 | 1 | Pre-Qualifying Research | Mandrekar | Pranoti        |
| 1704 | BBS | 870 | 1 | Pre-Qualifying Research | Mao       | Junhao         |
| 2109 | BBS | 870 | 1 | Pre-Qualifying Research | Maranda   | Louise         |
| 1609 | BBS | 870 | 1 | Pre-Qualifying Research | Marinus   | Martin         |
| 2092 | BBS | 870 | 1 | Pre-Qualifying Research | Marshall  | William        |
| 2231 | BBS | 870 | 1 | Pre-Qualifying Research | Martin    | Gilles         |
| 1610 | BBS | 870 | 1 | Pre-Qualifying Research | Massi     | Francesca      |
| 2146 | BBS | 870 | 1 | Pre-Qualifying Research | Mathew    | Anuja          |
| 1611 | BBS | 870 | 1 | Pre-Qualifying Research | Matthews  | Charles Robert |
| 1612 | BBS | 870 | 1 | Pre-Qualifying Research | McCollum  | Dannel         |
| 1705 | BBS | 870 | 1 | Pre-Qualifying Research | McCormick | Beth           |
| 1613 | BBS | 870 | 1 | Pre-Qualifying Research | Melikian  | Haley          |
| 1615 | BBS | 870 | 1 | Pre-Qualifying Research | Mello     | Craig          |
| 1616 | BBS | 870 | 1 | Pre-Qualifying Research | Mercurio  | Arthur         |
| 1618 | BBS | 870 | 1 | Pre-Qualifying Research | Miller    | Stephen        |
| 2147 | BBS | 870 | 1 | Pre-Qualifying Research | Moore     | Constance      |
| 1619 | BBS | 870 | 1 | Pre-Qualifying Research | Moore     | Melissa        |
| 2093 | BBS | 870 | 1 | Pre-Qualifying Research | Moormann  | Ann            |

|             |     |     |   |                         |                   |             |
|-------------|-----|-----|---|-------------------------|-------------------|-------------|
| <b>1620</b> | BBS | 870 | 1 | Pre-Qualifying Research | Morabito          | Maria       |
| <b>1621</b> | BBS | 870 | 1 | Pre-Qualifying Research | Morrison          | Trudy       |
| <b>2214</b> | BBS | 870 | 1 | Pre-Qualifying Research | Muller            | Christian   |
| <b>1622</b> | BBS | 870 | 1 | Pre-Qualifying Research | Munson            | Maryann     |
| <b>1623</b> | BBS | 870 | 1 | Pre-Qualifying Research | Newburger         | Peter       |
| <b>1624</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ockene            | Ira         |
| <b>1625</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ockene            | Judith      |
| <b>1626</b> | BBS | 870 | 1 | Pre-Qualifying Research | Odgren            | Paul        |
| <b>1024</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ogembo            | Javier      |
| <b>1627</b> | BBS | 870 | 1 | Pre-Qualifying Research | Paydarfar         | David       |
| <b>1628</b> | BBS | 870 | 1 | Pre-Qualifying Research | Pazour            | Gregory     |
| <b>1630</b> | BBS | 870 | 1 | Pre-Qualifying Research | Peterson          | Craig       |
| <b>2329</b> | BBS | 870 | 1 | Pre-Qualifying Research | Pukkila-Worley    | Read        |
| <b>2148</b> | BBS | 870 | 1 | Pre-Qualifying Research | Punzo             | Claudio     |
| <b>1631</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ram               | Sanjay      |
| <b>1632</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rando             | Oliver      |
| <b>1633</b> | BBS | 870 | 1 | Pre-Qualifying Research | Reed              | George      |
| <b>1634</b> | BBS | 870 | 1 | Pre-Qualifying Research | Reppert           | Steven      |
| <b>1635</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rhind             | Nicholas    |
| <b>1636</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rice              | Peter       |
| <b>1637</b> | BBS | 870 | 1 | Pre-Qualifying Research | Richter           | Joel        |
| <b>1638</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rivera Perez      | Jaime       |
| <b>1639</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rock              | Kenneth     |
| <b>1640</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ross              | Alonzo      |
| <b>1642</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rothman           | Alan        |
| <b>1643</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rothschild        | Anthony     |
| <b>2094</b> | BBS | 870 | 1 | Pre-Qualifying Research | Rothstein         | Ann         |
| <b>1644</b> | BBS | 870 | 1 | Pre-Qualifying Research | Royer             | William     |
| <b>1645</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ruiz De Luzuriaga | Katherine   |
| <b>1647</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ryder             | Sean        |
| <b>1648</b> | BBS | 870 | 1 | Pre-Qualifying Research | Sagerstrom        | Charles     |
| <b>1649</b> | BBS | 870 | 1 | Pre-Qualifying Research | Sanderson         | Michael     |
| <b>1650</b> | BBS | 870 | 1 | Pre-Qualifying Research | Sassetti          | Christopher |
| <b>3991</b> | BBS | 870 | 1 | Pre-Qualifying Research | SCHAFER           | Dorothy     |
| <b>1651</b> | BBS | 870 | 1 | Pre-Qualifying Research | Schiffer          | Celia       |
| <b>1652</b> | BBS | 870 | 1 | Pre-Qualifying Research | Schmidt           | Madelyn     |
| <b>1653</b> | BBS | 870 | 1 | Pre-Qualifying Research | Schwartz          | William     |
| <b>1667</b> | BBS | 870 | 1 | Pre-Qualifying Research | Selin             | Liisa       |
| <b>1641</b> | BBS | 870 | 1 | Pre-Qualifying Research | Sena Esteves      | Miguel      |
| <b>2149</b> | BBS | 870 | 1 | Pre-Qualifying Research | Shaffer           | Scott       |
| <b>1654</b> | BBS | 870 | 1 | Pre-Qualifying Research | Shaw              | Leslie      |

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|------|-----|-----|---|-------------------------|------------|--------------|
| 1655 | BBS | 870 | 1 | Pre-Qualifying Research | Silverman  | Neal         |
| 1656 | BBS | 870 | 1 | Pre-Qualifying Research | Simin      | Karl         |
| 1658 | BBS | 870 | 1 | Pre-Qualifying Research | Sluder     | Greenfield   |
| 1659 | BBS | 870 | 1 | Pre-Qualifying Research | Sluss      | Hayla        |
| 1660 | BBS | 870 | 1 | Pre-Qualifying Research | Socolovsky | Merav        |
| 1661 | BBS | 870 | 1 | Pre-Qualifying Research | Song       | Jie          |
| 2330 | BBS | 870 | 1 | Pre-Qualifying Research | SONTHEIMER | Erik         |
| 1662 | BBS | 870 | 1 | Pre-Qualifying Research | Sotak      | Christopher  |
| 2150 | BBS | 870 | 1 | Pre-Qualifying Research | Stalvey    | Michael      |
| 1663 | BBS | 870 | 1 | Pre-Qualifying Research | Stavnezer  | Janet        |
| 1664 | BBS | 870 | 1 | Pre-Qualifying Research | Stein      | Gary         |
| 1665 | BBS | 870 | 1 | Pre-Qualifying Research | Stein      | Janet        |
| 1666 | BBS | 870 | 1 | Pre-Qualifying Research | Stern      | Lawrence     |
| 1668 | BBS | 870 | 1 | Pre-Qualifying Research | Stevenson  | Mario        |
| 1669 | BBS | 870 | 1 | Pre-Qualifying Research | Sullivan   | John         |
| 2151 | BBS | 870 | 1 | Pre-Qualifying Research | Swain      | Susan        |
| 1670 | BBS | 870 | 1 | Pre-Qualifying Research | Szabo      | Gyongyi      |
| 1698 | BBS | 870 | 1 | Pre-Qualifying Research | Tapper     | Andrew       |
| 1672 | BBS | 870 | 1 | Pre-Qualifying Research | Terajima   | Masanori     |
| 1673 | BBS | 870 | 1 | Pre-Qualifying Research | Theurkauf  | William      |
| 2331 | BBS | 870 | 1 | Pre-Qualifying Research | Thompson   | Paul         |
| 1675 | BBS | 870 | 1 | Pre-Qualifying Research | Tissenbaum | Heidi        |
| 2182 | BBS | 870 | 1 | Pre-Qualifying Research | Trivedi    | Chinmay      |
| 1671 | BBS | 870 | 1 | Pre-Qualifying Research | Tsuda      | Eva          |
| 1677 | BBS | 870 | 1 | Pre-Qualifying Research | Upshur     | Carole       |
| 1678 | BBS | 870 | 1 | Pre-Qualifying Research | Urano      | Fumihiko     |
| 1679 | BBS | 870 | 1 | Pre-Qualifying Research | Vanwijnen  | Andre        |
| 1680 | BBS | 870 | 1 | Pre-Qualifying Research | Volkert    | Michael      |
| 1681 | BBS | 870 | 1 | Pre-Qualifying Research | Waddell    | Scott        |
| 1682 | BBS | 870 | 1 | Pre-Qualifying Research | Walhout    | Albertha     |
| 2196 | BBS | 870 | 1 | Pre-Qualifying Research | Walker     | Amy          |
| 1683 | BBS | 870 | 1 | Pre-Qualifying Research | Walsh      | John Vincent |
| 2332 | BBS | 870 | 1 | Pre-Qualifying Research | Wang       | Donghai      |
| 2127 | BBS | 870 | 1 | Pre-Qualifying Research | Wang       | Jennifer     |
| 1684 | BBS | 870 | 1 | Pre-Qualifying Research | Wang       | Yong Xu      |
| 2095 | BBS | 870 | 1 | Pre-Qualifying Research | Waring     | Molly        |
| 1685 | BBS | 870 | 1 | Pre-Qualifying Research | Weaver     | David        |
| 1686 | BBS | 870 | 1 | Pre-Qualifying Research | Welsh      | Raymond      |
| 1687 | BBS | 870 | 1 | Pre-Qualifying Research | Weng       | Zhiping      |
| 1688 | BBS | 870 | 1 | Pre-Qualifying Research | Wolfe      | Scot         |
| 1689 | BBS | 870 | 1 | Pre-Qualifying Research | Woodland   | Robert       |

|             |     |     |   |                         |            |                |
|-------------|-----|-----|---|-------------------------|------------|----------------|
| <b>2195</b> | BBS | 870 | 1 | Pre-Qualifying Research | Xiang      | Yang           |
| <b>1690</b> | BBS | 870 | 1 | Pre-Qualifying Research | Xu         | Lan            |
| <b>1691</b> | BBS | 870 | 1 | Pre-Qualifying Research | Xu         | Zuoshang       |
| <b>1692</b> | BBS | 870 | 1 | Pre-Qualifying Research | Yoshihara  | Motojiro       |
| <b>2275</b> | BBS | 870 | 1 | Pre-Qualifying Research | Yu         | Hong           |
| <b>1693</b> | BBS | 870 | 1 | Pre-Qualifying Research | Zamore     | Phillip        |
| <b>1694</b> | BBS | 870 | 1 | Pre-Qualifying Research | Zapp       | Maria          |
| <b>1702</b> | BBS | 870 | 1 | Pre-Qualifying Research | Zeldovich  | Konstantin     |
| <b>1695</b> | BBS | 870 | 1 | Pre-Qualifying Research | Zhang      | Hong           |
| <b>1020</b> | BBS | 870 | 1 | Pre-Qualifying Research | Zhang      | Nanyin         |
| <b>1696</b> | BBS | 870 | 1 | Pre-Qualifying Research | ZHUGE      | Ronghua        |
| <b>2198</b> | BBS | 870 | 1 | Pre-Qualifying Research | Ziedonis   | Douglas        |
| <b>2177</b> | BBS | 900 | 1 | Thesis Research         | Akbarian   | Schahram       |
| <b>2239</b> | BBS | 900 | 1 | Thesis Research         | Alkema     | Mark           |
| <b>1721</b> | BBS | 900 | 1 | Thesis Research         | Allison    | Jeroan         |
| <b>2258</b> | BBS | 900 | 1 | Thesis Research         | Alonso     | Laura Cristina |
| <b>2297</b> | BBS | 900 | 1 | Thesis Research         | Ambros     | Victor         |
| <b>2321</b> | BBS | 900 | 1 | Thesis Research         | AROIAN     | Raffi Van      |
| <b>2303</b> | BBS | 900 | 1 | Thesis Research         | Aronin     | Neil           |
| <b>2116</b> | BBS | 900 | 1 | Thesis Research         | Aronson    | Michael        |
| <b>2232</b> | BBS | 900 | 1 | Thesis Research         | Babcock    | Gregory        |
| <b>1709</b> | BBS | 900 | 1 | Thesis Research         | Bach       | Ingolf         |
| <b>1710</b> | BBS | 900 | 1 | Thesis Research         | Baehrecke  | Eric           |
| <b>2112</b> | BBS | 900 | 1 | Thesis Research         | Bailey     | Jeffrey        |
| <b>1711</b> | BBS | 900 | 1 | Thesis Research         | Baker      | Richard        |
| <b>1712</b> | BBS | 900 | 1 | Thesis Research         | Bao        | Zheng-Zheng    |
| <b>2312</b> | BBS | 900 | 1 | Thesis Research         | Behar      | Samuel         |
| <b>2152</b> | BBS | 900 | 1 | Thesis Research         | Benanti    | Jennifer       |
| <b>1897</b> | BBS | 900 | 1 | Thesis Research         | Benard     | Claire         |
| <b>1713</b> | BBS | 900 | 1 | Thesis Research         | Berg       | Leslie         |
| <b>2199</b> | BBS | 900 | 1 | Thesis Research         | Bergmann   | Andreas        |
| <b>1714</b> | BBS | 900 | 1 | Thesis Research         | Bogdanov   | Alexei         |
| <b>1715</b> | BBS | 900 | 1 | Thesis Research         | Bolon      | Daniel         |
| <b>1716</b> | BBS | 900 | 1 | Thesis Research         | Bortell    | Rita           |
| <b>1717</b> | BBS | 900 | 1 | Thesis Research         | Bosch      | Irene          |
| <b>1890</b> | BBS | 900 | 1 | Thesis Research         | Bosco      | Daryl          |
| <b>1718</b> | BBS | 900 | 1 | Thesis Research         | Boyartchuk | Victor         |
| <b>2111</b> | BBS | 900 | 1 | Thesis Research         | Boyer      | Edward         |
| <b>1739</b> | BBS | 900 | 1 | Thesis Research         | Brehm      | Michael        |
| <b>2279</b> | BBS | 900 | 1 | Thesis Research         | BREWER     | Judson         |
| <b>3995</b> | BBS | 900 | 1 | Thesis Research         | Brewster   | Robert         |

|             |     |     |   |                 |               |                 |
|-------------|-----|-----|---|-----------------|---------------|-----------------|
| <b>1719</b> | BBS | 900 | 1 | Thesis Research | Brodsky       | Michael         |
| <b>1892</b> | BBS | 900 | 1 | Thesis Research | Brown         | Robert          |
| <b>1720</b> | BBS | 900 | 1 | Thesis Research | Budnik        | Vivian          |
| <b>2153</b> | BBS | 900 | 1 | Thesis Research | Caffrey       | Daniel          |
| <b>1722</b> | BBS | 900 | 1 | Thesis Research | Cantor        | Sharon          |
| <b>1723</b> | BBS | 900 | 1 | Thesis Research | Carraway      | Robert          |
| <b>1724</b> | BBS | 900 | 1 | Thesis Research | Carruthers    | Anthony         |
| <b>1725</b> | BBS | 900 | 1 | Thesis Research | Castilla      | Lucio           |
| <b>3998</b> | BBS | 900 | 1 | Thesis Research | CAVACINI      | Lisa Ann        |
| <b>1761</b> | BBS | 900 | 1 | Thesis Research | Ceol          | Craig           |
| <b>1726</b> | BBS | 900 | 1 | Thesis Research | Chan          | Francis Ka Ming |
| <b>1727</b> | BBS | 900 | 1 | Thesis Research | Clapham       | Paul            |
| <b>1728</b> | BBS | 900 | 1 | Thesis Research | Clark         | Robin           |
| <b>1806</b> | BBS | 900 | 1 | Thesis Research | Cooper        | Marcus          |
| <b>1729</b> | BBS | 900 | 1 | Thesis Research | Corvera       | Silvia          |
| <b>1730</b> | BBS | 900 | 1 | Thesis Research | Craig         | Roger           |
| <b>1731</b> | BBS | 900 | 1 | Thesis Research | Czech         | Michael         |
| <b>1732</b> | BBS | 900 | 1 | Thesis Research | Davis         | Roger           |
| <b>1733</b> | BBS | 900 | 1 | Thesis Research | Dekker        | Job             |
| <b>4028</b> | BBS | 900 | 1 | Thesis Research | Deligiannidis | Kristina        |
| <b>1734</b> | BBS | 900 | 1 | Thesis Research | DiFranza      | Joseph          |
| <b>2154</b> | BBS | 900 | 1 | Thesis Research | dilorio       | Philip          |
| <b>1731</b> | BBS | 900 | 1 | Thesis Research | Doane         | Tricia          |
| <b>1735</b> | BBS | 900 | 1 | Thesis Research | Dobner        | Paul            |
| <b>1736</b> | BBS | 900 | 1 | Thesis Research | Doxsey        | Stephen         |
| <b>1737</b> | BBS | 900 | 1 | Thesis Research | Ellison       | Richard         |
| <b>1010</b> | BBS | 900 | 1 | Thesis Research | Emerson Jr.   | Charles         |
| <b>1738</b> | BBS | 900 | 1 | Thesis Research | EMERY         | Patrick         |
| <b>1818</b> | BBS | 900 | 1 | Thesis Research | Etzel         | Lori            |
| <b>2259</b> | BBS | 900 | 1 | Thesis Research | Evens         | Andrew          |
| <b>2138</b> | BBS | 900 | 1 | Thesis Research | Fazzio        | Thomas          |
| <b>1740</b> | BBS | 900 | 1 | Thesis Research | Field         | Terry           |
| <b>1741</b> | BBS | 900 | 1 | Thesis Research | Finberg       | Robert          |
| <b>1742</b> | BBS | 900 | 1 | Thesis Research | Fisher        | William         |
| <b>1743</b> | BBS | 900 | 1 | Thesis Research | Fitzgerald    | Katherine       |
| <b>1744</b> | BBS | 900 | 1 | Thesis Research | Flotte        | Terence         |
| <b>1745</b> | BBS | 900 | 1 | Thesis Research | Francis       | Michael         |
| <b>1746</b> | BBS | 900 | 1 | Thesis Research | Franklin      | Patricia        |
| <b>2180</b> | BBS | 900 | 1 | Thesis Research | Freedman      | Jane            |
| <b>1747</b> | BBS | 900 | 1 | Thesis Research | Freeman       | Marc            |
| <b>1847</b> | BBS | 900 | 1 | Thesis Research | Fulwiler      | Carl            |

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|-------------|-----|-----|---|-----------------|---------------|-----------------|
| <b>2163</b> | BBS | 900 | 1 | Thesis Research | Futai         | Kensuke         |
| <b>1748</b> | BBS | 900 | 1 | Thesis Research | Galdzicka     | Marzena         |
| <b>2128</b> | BBS | 900 | 1 | Thesis Research | Gao           | Fen-Biao        |
| <b>1750</b> | BBS | 900 | 1 | Thesis Research | Gao           | Guangping       |
| <b>1749</b> | BBS | 900 | 1 | Thesis Research | Gardner       | Paul            |
| <b>1751</b> | BBS | 900 | 1 | Thesis Research | Gilmore       | James Reid      |
| <b>1752</b> | BBS | 900 | 1 | Thesis Research | Ginns         | Edward          |
| <b>2244</b> | BBS | 900 | 1 | Thesis Research | Goguen        | Jon             |
| <b>1753</b> | BBS | 900 | 1 | Thesis Research | Goldberg      | Robert          |
| <b>1754</b> | BBS | 900 | 1 | Thesis Research | Golenbock     | Douglas         |
| <b>1755</b> | BBS | 900 | 1 | Thesis Research | Gottlinger    | Heinrich        |
| <b>1756</b> | BBS | 900 | 1 | Thesis Research | Gounis        | Matthew         |
| <b>1757</b> | BBS | 900 | 1 | Thesis Research | Gravallese    | Ellen           |
| <b>1758</b> | BBS | 900 | 1 | Thesis Research | GREEN         | Michael Richard |
| <b>1759</b> | BBS | 900 | 1 | Thesis Research | Green         | Sharone         |
| <b>1760</b> | BBS | 900 | 1 | Thesis Research | Greiner       | Dale            |
| <b>1864</b> | BBS | 900 | 1 | Thesis Research | Guertin       | David           |
| <b>1762</b> | BBS | 900 | 1 | Thesis Research | Hagstrom      | Kirsten         |
| <b>2233</b> | BBS | 900 | 1 | Thesis Research | Hall-Anderson | Lisa            |
| <b>2155</b> | BBS | 900 | 1 | Thesis Research | Han           | Gang            |
| <b>2294</b> | BBS | 900 | 1 | Thesis Research | Harlan        | David           |
| <b>2156</b> | BBS | 900 | 1 | Thesis Research | Harris        | John            |
| <b>1763</b> | BBS | 900 | 1 | Thesis Research | Hayward       | Lawrence        |
| <b>1056</b> | BBS | 900 | 1 | Thesis Research | Huh           | Jun             |
| <b>1764</b> | BBS | 900 | 1 | Thesis Research | Huseby        | Eric            |
| <b>1765</b> | BBS | 900 | 1 | Thesis Research | Imbalzano     | Anthony         |
| <b>1766</b> | BBS | 900 | 1 | Thesis Research | Iorio         | Ronald          |
| <b>1767</b> | BBS | 900 | 1 | Thesis Research | Ip            | Yicktung        |
| <b>1768</b> | BBS | 900 | 1 | Thesis Research | Jacobson      | Allan           |
| <b>1866</b> | BBS | 900 | 1 | Thesis Research | Jensen        | Jeffrey         |
| <b>2114</b> | BBS | 900 | 1 | Thesis Research | Johnson       | Julia           |
| <b>1769</b> | BBS | 900 | 1 | Thesis Research | Jonassen      | Julie           |
| <b>1011</b> | BBS | 900 | 1 | Thesis Research | Jones         | Peter Lawrence  |
| <b>1770</b> | BBS | 900 | 1 | Thesis Research | Jones         | Stephen         |
| <b>1771</b> | BBS | 900 | 1 | Thesis Research | Kang          | Joonsoo         |
| <b>2322</b> | BBS | 900 | 1 | Thesis Research | Karlsson      | Elinor          |
| <b>1772</b> | BBS | 900 | 1 | Thesis Research | Kaufman       | Paul            |
| <b>1895</b> | BBS | 900 | 1 | Thesis Research | Kaushal       | Shalesh         |
| <b>2113</b> | BBS | 900 | 1 | Thesis Research | Keaney        | John            |
| <b>1038</b> | BBS | 900 | 1 | Thesis Research | Kelch         | Brian           |
| <b>1887</b> | BBS | 900 | 1 | Thesis Research | Kelliher      | Michelle        |

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|-------------|-----|-----|---|-----------------|------------|--------------|
| <b>2245</b> | BBS | 900 | 1 | Thesis Research | Khanna     | Hemant       |
| <b>1034</b> | BBS | 900 | 1 | Thesis Research | Khvorova   | Anastasia    |
| <b>1886</b> | BBS | 900 | 1 | Thesis Research | Kiefe      | Catarina     |
| <b>1773</b> | BBS | 900 | 1 | Thesis Research | Kilpatrick | Daniel       |
| <b>3999</b> | BBS | 900 | 1 | Thesis Research | Kim        | Dohoon       |
| <b>1889</b> | BBS | 900 | 1 | Thesis Research | Kim        | Jason        |
| <b>1774</b> | BBS | 900 | 1 | Thesis Research | King       | Jean         |
| <b>1775</b> | BBS | 900 | 1 | Thesis Research | King       | Michael      |
| <b>1012</b> | BBS | 900 | 1 | Thesis Research | King       | Oliver Davis |
| <b>1776</b> | BBS | 900 | 1 | Thesis Research | Kobertz    | William      |
| <b>1777</b> | BBS | 900 | 1 | Thesis Research | Kornfeld   | Hardy        |
| <b>1778</b> | BBS | 900 | 1 | Thesis Research | Kurt-Jones | Evelyn       |
| <b>1779</b> | BBS | 900 | 1 | Thesis Research | Lambright  | David        |
| <b>1896</b> | BBS | 900 | 1 | Thesis Research | Landers    | John         |
| <b>1780</b> | BBS | 900 | 1 | Thesis Research | Languino   | Lucia        |
| <b>1781</b> | BBS | 900 | 1 | Thesis Research | Latz       | Eicke        |
| <b>1782</b> | BBS | 900 | 1 | Thesis Research | Lawrence   | Jeanne       |
| <b>1783</b> | BBS | 900 | 1 | Thesis Research | Lawson     | Nathan       |
| <b>1051</b> | BBS | 900 | 1 | Thesis Research | LEE        | Michael      |
| <b>1784</b> | BBS | 900 | 1 | Thesis Research | Lee        | Tzumin       |
| <b>1785</b> | BBS | 900 | 1 | Thesis Research | Leiter     | Andrew       |
| <b>1786</b> | BBS | 900 | 1 | Thesis Research | Leonard    | Jack         |
| <b>1787</b> | BBS | 900 | 1 | Thesis Research | Leong      | John         |
| <b>1788</b> | BBS | 900 | 1 | Thesis Research | Levitz     | Stuart       |
| <b>1789</b> | BBS | 900 | 1 | Thesis Research | Lewis      | Brian        |
| <b>1790</b> | BBS | 900 | 1 | Thesis Research | Li         | Hong-Sheng   |
| <b>1888</b> | BBS | 900 | 1 | Thesis Research | Li         | Shaoguang    |
| <b>1791</b> | BBS | 900 | 1 | Thesis Research | Lian       | Jane         |
| <b>1792</b> | BBS | 900 | 1 | Thesis Research | Libraty    | Daniel       |
| <b>1793</b> | BBS | 900 | 1 | Thesis Research | Lien       | Egil         |
| <b>1794</b> | BBS | 900 | 1 | Thesis Research | Lilly      | Craig        |
| <b>1013</b> | BBS | 900 | 1 | Thesis Research | Litvak     | Vladimir     |
| <b>2129</b> | BBS | 900 | 1 | Thesis Research | Lois       | Carlos       |
| <b>1795</b> | BBS | 900 | 1 | Thesis Research | Lu         | Shan         |
| <b>2187</b> | BBS | 900 | 1 | Thesis Research | Luban      | Jeremy       |
| <b>1796</b> | BBS | 900 | 1 | Thesis Research | Luckmann   | Roger        |
| <b>1797</b> | BBS | 900 | 1 | Thesis Research | Luna       | Elizabeth    |
| <b>1798</b> | BBS | 900 | 1 | Thesis Research | Luo        | Jianyuan     |
| <b>1799</b> | BBS | 900 | 1 | Thesis Research | Lyle       | Stephen      |
| <b>2277</b> | BBS | 900 | 1 | Thesis Research | Madison    | John Mark    |
| <b>2202</b> | BBS | 900 | 1 | Thesis Research | Maehr      | Rene         |

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|-------------|-----|-----|---|-----------------|----------------|----------------|
| <b>1025</b> | BBS | 900 | 1 | Thesis Research | Mandon         | Elisabet       |
| <b>2096</b> | BBS | 900 | 1 | Thesis Research | Mandrekar      | Pranoti        |
| <b>1893</b> | BBS | 900 | 1 | Thesis Research | Mao            | Junhao         |
| <b>2115</b> | BBS | 900 | 1 | Thesis Research | Maranda        | Louise         |
| <b>1800</b> | BBS | 900 | 1 | Thesis Research | Marinus        | Martin         |
| <b>2097</b> | BBS | 900 | 1 | Thesis Research | Marshall       | William        |
| <b>2234</b> | BBS | 900 | 1 | Thesis Research | Martin         | Gilles         |
| <b>1801</b> | BBS | 900 | 1 | Thesis Research | Massi          | Francesca      |
| <b>2157</b> | BBS | 900 | 1 | Thesis Research | Mathew         | Anuja          |
| <b>1802</b> | BBS | 900 | 1 | Thesis Research | Matthews       | Charles Robert |
| <b>1803</b> | BBS | 900 | 1 | Thesis Research | McCollum       | Dannel         |
| <b>1894</b> | BBS | 900 | 1 | Thesis Research | McCormick      | Beth           |
| <b>2238</b> | BBS | 900 | 1 | Thesis Research | Melikian       | Haley          |
| <b>1804</b> | BBS | 900 | 1 | Thesis Research | Mello          | Craig          |
| <b>1805</b> | BBS | 900 | 1 | Thesis Research | Mercurio       | Arthur         |
| <b>1807</b> | BBS | 900 | 1 | Thesis Research | Miller         | Stephen        |
| <b>2158</b> | BBS | 900 | 1 | Thesis Research | Moore          | Constance      |
| <b>1808</b> | BBS | 900 | 1 | Thesis Research | Moore          | Melissa        |
| <b>2098</b> | BBS | 900 | 1 | Thesis Research | Moormann       | Ann            |
| <b>1809</b> | BBS | 900 | 1 | Thesis Research | Morabito       | Maria          |
| <b>1810</b> | BBS | 900 | 1 | Thesis Research | Morrison       | Trudy          |
| <b>2215</b> | BBS | 900 | 1 | Thesis Research | Muller         | Christian      |
| <b>1811</b> | BBS | 900 | 1 | Thesis Research | Munson         | Maryann        |
| <b>1812</b> | BBS | 900 | 1 | Thesis Research | Newburger      | Peter          |
| <b>1813</b> | BBS | 900 | 1 | Thesis Research | Ockene         | Ira            |
| <b>1814</b> | BBS | 900 | 1 | Thesis Research | Ockene         | Judith         |
| <b>1815</b> | BBS | 900 | 1 | Thesis Research | Odgren         | Paul           |
| <b>1026</b> | BBS | 900 | 1 | Thesis Research | Ogembo         | Javier         |
| <b>1816</b> | BBS | 900 | 1 | Thesis Research | Paydarfar      | David          |
| <b>1817</b> | BBS | 900 | 1 | Thesis Research | Pazour         | Gregory        |
| <b>1819</b> | BBS | 900 | 1 | Thesis Research | Peterson       | Craig          |
| <b>1820</b> | BBS | 900 | 1 | Thesis Research | Pryciak        | Peter          |
| <b>2323</b> | BBS | 900 | 1 | Thesis Research | Pukkila-Worley | Read           |
| <b>2159</b> | BBS | 900 | 1 | Thesis Research | Punzo          | Claudio        |
| <b>1821</b> | BBS | 900 | 1 | Thesis Research | Ram            | Sanjay         |
| <b>1822</b> | BBS | 900 | 1 | Thesis Research | Rando          | Oliver         |
| <b>1823</b> | BBS | 900 | 1 | Thesis Research | Reed           | George         |
| <b>1824</b> | BBS | 900 | 1 | Thesis Research | Reppert        | Steven         |
| <b>1825</b> | BBS | 900 | 1 | Thesis Research | Rhind          | Nicholas       |
| <b>1826</b> | BBS | 900 | 1 | Thesis Research | Rice           | Peter          |
| <b>1827</b> | BBS | 900 | 1 | Thesis Research | Richter        | Joel           |

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|------|-----|-----|---|-----------------|-------------------|-------------|
| 1828 | BBS | 900 | 1 | Thesis Research | Rivera Perez      | Jaime       |
| 1829 | BBS | 900 | 1 | Thesis Research | Rock              | Kenneth     |
| 1830 | BBS | 900 | 1 | Thesis Research | Ross              | Alonzo      |
| 1832 | BBS | 900 | 1 | Thesis Research | Rothman           | Alan        |
| 1833 | BBS | 900 | 1 | Thesis Research | Rothschild        | Anthony     |
| 2099 | BBS | 900 | 1 | Thesis Research | Rothstein         | Ann         |
| 1834 | BBS | 900 | 1 | Thesis Research | Royer             | William     |
| 1835 | BBS | 900 | 1 | Thesis Research | Ruiz De Luzuriaga | Katherine   |
| 1836 | BBS | 900 | 1 | Thesis Research | Ryder             | Sean        |
| 1837 | BBS | 900 | 1 | Thesis Research | Sagerstrom        | Charles     |
| 1838 | BBS | 900 | 1 | Thesis Research | Sanderson         | Michael     |
| 1839 | BBS | 900 | 1 | Thesis Research | Sassetti          | Christopher |
| 3996 | BBS | 900 | 1 | Thesis Research | SCHAFER           | Dorothy     |
| 1840 | BBS | 900 | 1 | Thesis Research | Schiffer          | Celia       |
| 1841 | BBS | 900 | 1 | Thesis Research | Schmidt           | Madelyn     |
| 1842 | BBS | 900 | 1 | Thesis Research | Schwartz          | William     |
| 1843 | BBS | 900 | 1 | Thesis Research | Selin             | Liisa       |
| 1831 | BBS | 900 | 1 | Thesis Research | Sena Esteves      | Miguel      |
| 2160 | BBS | 900 | 1 | Thesis Research | Shaffer           | Scott       |
| 1844 | BBS | 900 | 1 | Thesis Research | Shaw              | Leslie      |
| 1845 | BBS | 900 | 1 | Thesis Research | Silverman         | Neal        |
| 1846 | BBS | 900 | 1 | Thesis Research | Simin             | Karl        |
| 1848 | BBS | 900 | 1 | Thesis Research | Sluder            | Greenfield  |
| 1849 | BBS | 900 | 1 | Thesis Research | Sluss             | Hayla       |
| 1850 | BBS | 900 | 1 | Thesis Research | Socolovsky        | Merav       |
| 1851 | BBS | 900 | 1 | Thesis Research | Song              | Jie         |
| 2324 | BBS | 900 | 1 | Thesis Research | SONTHEIMER        | Erik        |
| 1852 | BBS | 900 | 1 | Thesis Research | Sotak             | Christopher |
| 2161 | BBS | 900 | 1 | Thesis Research | Stalvey           | Michael     |
| 1853 | BBS | 900 | 1 | Thesis Research | Stavnezer         | Janet       |
| 1854 | BBS | 900 | 1 | Thesis Research | Stein             | Gary        |
| 1855 | BBS | 900 | 1 | Thesis Research | Stein             | Janet       |
| 1856 | BBS | 900 | 1 | Thesis Research | Stern             | Lawrence    |
| 1857 | BBS | 900 | 1 | Thesis Research | Stevenson         | Mario       |
| 1858 | BBS | 900 | 1 | Thesis Research | Sullivan          | John        |
| 2162 | BBS | 900 | 1 | Thesis Research | Swain             | Susan       |
| 1859 | BBS | 900 | 1 | Thesis Research | Szabo             | Gyongyi     |
| 1861 | BBS | 900 | 1 | Thesis Research | Tapper            | Andrew      |
| 1862 | BBS | 900 | 1 | Thesis Research | Terajima          | Masanori    |
| 1863 | BBS | 900 | 1 | Thesis Research | Theurkauf         | William     |
| 2325 | BBS | 900 | 1 | Thesis Research | Thompson          | Paul        |

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|-------------|-----|-----|---|-------------------|------------|----------------|
| <b>1865</b> | BBS | 900 | 1 | Thesis Research   | Tissenbaum | Heidi          |
| <b>2183</b> | BBS | 900 | 1 | Thesis Research   | Trivedi    | Chinmay        |
| <b>1860</b> | BBS | 900 | 1 | Thesis Research   | Tsuda      | Eva            |
| <b>1867</b> | BBS | 900 | 1 | Thesis Research   | Upshur     | Carole         |
| <b>1868</b> | BBS | 900 | 1 | Thesis Research   | Urano      | Fumihiko       |
| <b>1869</b> | BBS | 900 | 1 | Thesis Research   | Vanwijnen  | Andre          |
| <b>1870</b> | BBS | 900 | 1 | Thesis Research   | Volkert    | Michael        |
| <b>1871</b> | BBS | 900 | 1 | Thesis Research   | Waddell    | Scott          |
| <b>1872</b> | BBS | 900 | 1 | Thesis Research   | Walhout    | Albertha       |
| <b>2201</b> | BBS | 900 | 1 | Thesis Research   | Walker     | Amy            |
| <b>1873</b> | BBS | 900 | 1 | Thesis Research   | Walsh      | John Vincent   |
| <b>2326</b> | BBS | 900 | 1 | Thesis Research   | Wang       | Donghai        |
| <b>2130</b> | BBS | 900 | 1 | Thesis Research   | Wang       | Jennifer       |
| <b>1874</b> | BBS | 900 | 1 | Thesis Research   | Wang       | Yong Xu        |
| <b>2100</b> | BBS | 900 | 1 | Thesis Research   | Waring     | Molly          |
| <b>1875</b> | BBS | 900 | 1 | Thesis Research   | Weaver     | David          |
| <b>1876</b> | BBS | 900 | 1 | Thesis Research   | Weng       | Zhiping        |
| <b>1877</b> | BBS | 900 | 1 | Thesis Research   | Wolfe      | Scot           |
| <b>1878</b> | BBS | 900 | 1 | Thesis Research   | Woodland   | Robert         |
| <b>2200</b> | BBS | 900 | 1 | Thesis Research   | Xiang      | Yang           |
| <b>1879</b> | BBS | 900 | 1 | Thesis Research   | Xu         | Lan            |
| <b>1880</b> | BBS | 900 | 1 | Thesis Research   | Xu         | Zuoshang       |
| <b>3997</b> | BBS | 900 | 1 | Thesis Research   | Xue        | Wen            |
| <b>1881</b> | BBS | 900 | 1 | Thesis Research   | Yoshihara  | Motojiro       |
| <b>2117</b> | BBS | 900 | 1 | Thesis Research   | Young      | Stephen        |
| <b>2278</b> | BBS | 900 | 1 | Thesis Research   | Yu         | Hong           |
| <b>1882</b> | BBS | 900 | 1 | Thesis Research   | Zamore     | Phillip        |
| <b>1883</b> | BBS | 900 | 1 | Thesis Research   | Zapp       | Maria          |
| <b>1891</b> | BBS | 900 | 1 | Thesis Research   | Zeldovich  | Konstantin     |
| <b>1884</b> | BBS | 900 | 1 | Thesis Research   | Zhang      | Hong           |
| <b>1021</b> | BBS | 900 | 1 | Thesis Research   | Zhang      | Nanyin         |
| <b>1885</b> | BBS | 900 | 1 | Thesis Research   | ZHUGE      | Ronghua        |
| <b>2203</b> | BBS | 900 | 1 | Thesis Research   | Ziedonis   | Douglas        |
| <b>2178</b> | BBS | 990 | 1 | Graduate Research | Akbarian   | Schahram       |
| <b>2240</b> | BBS | 990 | 1 | Graduate Research | Alkema     | Mark           |
| <b>1910</b> | BBS | 990 | 1 | Graduate Research | Allison    | Jeroan         |
| <b>2260</b> | BBS | 990 | 1 | Graduate Research | Alonso     | Laura Cristina |
| <b>2285</b> | BBS | 990 | 1 | Graduate Research | Ambros     | Victor         |
| <b>2315</b> | BBS | 990 | 1 | Graduate Research | AROIAN     | Raffi Van      |
| <b>2304</b> | BBS | 990 | 1 | Graduate Research | Aronin     | Neil           |
| <b>2123</b> | BBS | 990 | 1 | Graduate Research | Aronson    | Michael        |

|             |     |     |   |                   |            |                 |
|-------------|-----|-----|---|-------------------|------------|-----------------|
| <b>2235</b> | BBS | 990 | 1 | Graduate Research | Babcock    | Gregory         |
| <b>1898</b> | BBS | 990 | 1 | Graduate Research | Bach       | Ingolf          |
| <b>1899</b> | BBS | 990 | 1 | Graduate Research | Baehrecke  | Eric            |
| <b>2119</b> | BBS | 990 | 1 | Graduate Research | Bailey     | Jeffrey         |
| <b>1900</b> | BBS | 990 | 1 | Graduate Research | Baker      | Richard         |
| <b>1901</b> | BBS | 990 | 1 | Graduate Research | Bao        | Zheng-Zheng     |
| <b>2313</b> | BBS | 990 | 1 | Graduate Research | Behar      | Samuel          |
| <b>2164</b> | BBS | 990 | 1 | Graduate Research | Benanti    | Jennifer        |
| <b>2090</b> | BBS | 990 | 1 | Graduate Research | Benard     | Claire          |
| <b>1902</b> | BBS | 990 | 1 | Graduate Research | Berg       | Leslie          |
| <b>2204</b> | BBS | 990 | 1 | Graduate Research | Bergmann   | Andreas         |
| <b>1903</b> | BBS | 990 | 1 | Graduate Research | Bogdanov   | Alexei          |
| <b>1904</b> | BBS | 990 | 1 | Graduate Research | Bolon      | Daniel          |
| <b>1905</b> | BBS | 990 | 1 | Graduate Research | Bortell    | Rita            |
| <b>1906</b> | BBS | 990 | 1 | Graduate Research | Bosch      | Irene           |
| <b>2083</b> | BBS | 990 | 1 | Graduate Research | Bosco      | Daryl           |
| <b>1907</b> | BBS | 990 | 1 | Graduate Research | Boyartchuk | Victor          |
| <b>2118</b> | BBS | 990 | 1 | Graduate Research | Boyer      | Edward          |
| <b>1928</b> | BBS | 990 | 1 | Graduate Research | Brehm      | Michael         |
| <b>2282</b> | BBS | 990 | 1 | Graduate Research | BREWER     | Judson          |
| <b>4000</b> | BBS | 990 | 1 | Graduate Research | Brewster   | Robert          |
| <b>1908</b> | BBS | 990 | 1 | Graduate Research | Brodsky    | Michael         |
| <b>2085</b> | BBS | 990 | 1 | Graduate Research | Brown      | Robert          |
| <b>1909</b> | BBS | 990 | 1 | Graduate Research | Budnik     | Vivian          |
| <b>2165</b> | BBS | 990 | 1 | Graduate Research | Caffrey    | Daniel          |
| <b>1911</b> | BBS | 990 | 1 | Graduate Research | Cantor     | Sharon          |
| <b>1912</b> | BBS | 990 | 1 | Graduate Research | Carraway   | Robert          |
| <b>1913</b> | BBS | 990 | 1 | Graduate Research | Carruthers | Anthony         |
| <b>1914</b> | BBS | 990 | 1 | Graduate Research | Castilla   | Lucio           |
| <b>4003</b> | BBS | 990 | 1 | Graduate Research | CAVACINI   | Lisa Ann        |
| <b>1950</b> | BBS | 990 | 1 | Graduate Research | Ceol       | Craig           |
| <b>1915</b> | BBS | 990 | 1 | Graduate Research | Chan       | Francis Ka Ming |
| <b>2262</b> | BBS | 990 | 1 | Graduate Research | Chen       | Jason           |
| <b>1916</b> | BBS | 990 | 1 | Graduate Research | Clapham    | Paul            |
| <b>1917</b> | BBS | 990 | 1 | Graduate Research | Clark      | Robin           |
| <b>2298</b> | BBS | 990 | 1 | Graduate Research | Cooper     | Marcus          |
| <b>1918</b> | BBS | 990 | 1 | Graduate Research | Corvera    | Silvia          |
| <b>1919</b> | BBS | 990 | 1 | Graduate Research | Craig      | Roger           |
| <b>1920</b> | BBS | 990 | 1 | Graduate Research | Czech      | Michael         |
| <b>1921</b> | BBS | 990 | 1 | Graduate Research | Davis      | Roger           |
| <b>1922</b> | BBS | 990 | 1 | Graduate Research | Dekker     | Job             |

|             |     |     |   |                   |               |                 |
|-------------|-----|-----|---|-------------------|---------------|-----------------|
| <b>4027</b> | BBS | 990 | 1 | Graduate Research | Deligiannidis | Kristina        |
| <b>1923</b> | BBS | 990 | 1 | Graduate Research | DiFranza      | Joseph          |
| <b>2166</b> | BBS | 990 | 1 | Graduate Research | dilorio       | Philip          |
| <b>1924</b> | BBS | 990 | 1 | Graduate Research | Dobner        | Paul            |
| <b>1925</b> | BBS | 990 | 1 | Graduate Research | Doxsey        | Stephen         |
| <b>1926</b> | BBS | 990 | 1 | Graduate Research | Ellison       | Richard         |
| <b>1014</b> | BBS | 990 | 1 | Graduate Research | Emerson Jr.   | Charles         |
| <b>1927</b> | BBS | 990 | 1 | Graduate Research | EMERY         | Patrick         |
| <b>2009</b> | BBS | 990 | 1 | Graduate Research | Etzel         | Lori            |
| <b>2261</b> | BBS | 990 | 1 | Graduate Research | Evens         | Andrew          |
| <b>2139</b> | BBS | 990 | 1 | Graduate Research | Fazzio        | Thomas          |
| <b>1929</b> | BBS | 990 | 1 | Graduate Research | Field         | Terry           |
| <b>1930</b> | BBS | 990 | 1 | Graduate Research | Finberg       | Robert          |
| <b>1931</b> | BBS | 990 | 1 | Graduate Research | Fisher        | William         |
| <b>1932</b> | BBS | 990 | 1 | Graduate Research | Fitzgerald    | Katherine       |
| <b>1933</b> | BBS | 990 | 1 | Graduate Research | Flotte        | Terence         |
| <b>1934</b> | BBS | 990 | 1 | Graduate Research | Francis       | Michael         |
| <b>1935</b> | BBS | 990 | 1 | Graduate Research | Franklin      | Patricia        |
| <b>2181</b> | BBS | 990 | 1 | Graduate Research | Freedman      | Jane            |
| <b>1936</b> | BBS | 990 | 1 | Graduate Research | Freeman       | Marc            |
| <b>2023</b> | BBS | 990 | 1 | Graduate Research | Fulwiler      | Carl            |
| <b>2167</b> | BBS | 990 | 1 | Graduate Research | Futai         | Kensuke         |
| <b>1937</b> | BBS | 990 | 1 | Graduate Research | Galdzicka     | Marzena         |
| <b>2131</b> | BBS | 990 | 1 | Graduate Research | Gao           | Fen-Biao        |
| <b>1939</b> | BBS | 990 | 1 | Graduate Research | Gao           | Guangping       |
| <b>1938</b> | BBS | 990 | 1 | Graduate Research | Gardner       | Paul            |
| <b>1940</b> | BBS | 990 | 1 | Graduate Research | Gilmore       | James Reid      |
| <b>1941</b> | BBS | 990 | 1 | Graduate Research | Ginns         | Edward          |
| <b>2246</b> | BBS | 990 | 1 | Graduate Research | Goguen        | Jon             |
| <b>1942</b> | BBS | 990 | 1 | Graduate Research | Goldberg      | Robert          |
| <b>1943</b> | BBS | 990 | 1 | Graduate Research | Golenbock     | Douglas         |
| <b>1944</b> | BBS | 990 | 1 | Graduate Research | Gottlinger    | Heinrich        |
| <b>1945</b> | BBS | 990 | 1 | Graduate Research | Gounis        | Matthew         |
| <b>1946</b> | BBS | 990 | 1 | Graduate Research | Gravallese    | Ellen           |
| <b>1947</b> | BBS | 990 | 1 | Graduate Research | GREEN         | Michael Richard |
| <b>1948</b> | BBS | 990 | 1 | Graduate Research | Green         | Sharone         |
| <b>1949</b> | BBS | 990 | 1 | Graduate Research | Greiner       | Dale            |
| <b>2039</b> | BBS | 990 | 1 | Graduate Research | Guertin       | David           |
| <b>1951</b> | BBS | 990 | 1 | Graduate Research | Hagstrom      | Kirsten         |
| <b>2236</b> | BBS | 990 | 1 | Graduate Research | Hall-Anderson | Lisa            |
| <b>2168</b> | BBS | 990 | 1 | Graduate Research | Han           | Gang            |

|             |     |     |   |                   |            |                |
|-------------|-----|-----|---|-------------------|------------|----------------|
| <b>2295</b> | BBS | 990 | 1 | Graduate Research | Harlan     | David          |
| <b>2169</b> | BBS | 990 | 1 | Graduate Research | Harris     | John           |
| <b>1952</b> | BBS | 990 | 1 | Graduate Research | Hayward    | Lawrence       |
| <b>1057</b> | BBS | 990 | 1 | Graduate Research | Huh        | Jun            |
| <b>1953</b> | BBS | 990 | 1 | Graduate Research | Huseby     | Eric           |
| <b>1954</b> | BBS | 990 | 1 | Graduate Research | Imbalzano  | Anthony        |
| <b>1955</b> | BBS | 990 | 1 | Graduate Research | Iorio      | Ronald         |
| <b>1956</b> | BBS | 990 | 1 | Graduate Research | Ip         | Yicktung       |
| <b>1957</b> | BBS | 990 | 1 | Graduate Research | Jacobson   | Allan          |
| <b>2056</b> | BBS | 990 | 1 | Graduate Research | Jensen     | Jeffrey        |
| <b>2121</b> | BBS | 990 | 1 | Graduate Research | Johnson    | Julia          |
| <b>1958</b> | BBS | 990 | 1 | Graduate Research | Jonassen   | Julie          |
| <b>1015</b> | BBS | 990 | 1 | Graduate Research | Jones      | Peter Lawrence |
| <b>1959</b> | BBS | 990 | 1 | Graduate Research | Jones      | Stephen        |
| <b>1960</b> | BBS | 990 | 1 | Graduate Research | Kang       | Joonsoo        |
| <b>2316</b> | BBS | 990 | 1 | Graduate Research | Karlsson   | Elinor         |
| <b>1961</b> | BBS | 990 | 1 | Graduate Research | Kaufman    | Paul           |
| <b>2088</b> | BBS | 990 | 1 | Graduate Research | Kaushal    | Shalesh        |
| <b>2120</b> | BBS | 990 | 1 | Graduate Research | Keaney     | John           |
| <b>1039</b> | BBS | 990 | 1 | Graduate Research | Kelch      | Brian          |
| <b>1962</b> | BBS | 990 | 1 | Graduate Research | Kelliher   | Michelle       |
| <b>2247</b> | BBS | 990 | 1 | Graduate Research | Khanna     | Hemant         |
| <b>1035</b> | BBS | 990 | 1 | Graduate Research | Khvorova   | Anastasia      |
| <b>2058</b> | BBS | 990 | 1 | Graduate Research | Kiefe      | Catarina       |
| <b>1963</b> | BBS | 990 | 1 | Graduate Research | Kilpatrick | Daniel         |
| <b>4004</b> | BBS | 990 | 1 | Graduate Research | Kim        | Dohoon         |
| <b>2082</b> | BBS | 990 | 1 | Graduate Research | Kim        | Jason          |
| <b>1964</b> | BBS | 990 | 1 | Graduate Research | King       | Jean           |
| <b>1965</b> | BBS | 990 | 1 | Graduate Research | King       | Michael        |
| <b>1016</b> | BBS | 990 | 1 | Graduate Research | King       | Oliver Davis   |
| <b>1966</b> | BBS | 990 | 1 | Graduate Research | Kobertz    | William        |
| <b>1967</b> | BBS | 990 | 1 | Graduate Research | Kornfeld   | Hardy          |
| <b>1968</b> | BBS | 990 | 1 | Graduate Research | Kowalik    | Timothy        |
| <b>1969</b> | BBS | 990 | 1 | Graduate Research | Kurt-Jones | Evelyn         |
| <b>1970</b> | BBS | 990 | 1 | Graduate Research | Lambright  | David          |
| <b>2089</b> | BBS | 990 | 1 | Graduate Research | Landers    | John           |
| <b>1971</b> | BBS | 990 | 1 | Graduate Research | Languino   | Lucia          |
| <b>1972</b> | BBS | 990 | 1 | Graduate Research | Latz       | Eicke          |
| <b>1973</b> | BBS | 990 | 1 | Graduate Research | Lawrence   | Jeanne         |
| <b>1974</b> | BBS | 990 | 1 | Graduate Research | Lawson     | Nathan         |
| <b>1052</b> | BBS | 990 | 1 | Graduate Research | LEE        | Michael        |

|             |     |     |   |                   |           |                |
|-------------|-----|-----|---|-------------------|-----------|----------------|
| <b>1975</b> | BBS | 990 | 1 | Graduate Research | Lee       | Tzumin         |
| <b>1976</b> | BBS | 990 | 1 | Graduate Research | Leiter    | Andrew         |
| <b>1977</b> | BBS | 990 | 1 | Graduate Research | Leonard   | Jack           |
| <b>1978</b> | BBS | 990 | 1 | Graduate Research | Leong     | John           |
| <b>1979</b> | BBS | 990 | 1 | Graduate Research | Levitz    | Stuart         |
| <b>1980</b> | BBS | 990 | 1 | Graduate Research | Lewis     | Brian          |
| <b>1981</b> | BBS | 990 | 1 | Graduate Research | Li        | Hong-Sheng     |
| <b>2080</b> | BBS | 990 | 1 | Graduate Research | Li        | Shaoguang      |
| <b>1982</b> | BBS | 990 | 1 | Graduate Research | Lian      | Jane           |
| <b>1983</b> | BBS | 990 | 1 | Graduate Research | Libraty   | Daniel         |
| <b>1984</b> | BBS | 990 | 1 | Graduate Research | Lien      | Egil           |
| <b>1985</b> | BBS | 990 | 1 | Graduate Research | Lilly     | Craig          |
| <b>1017</b> | BBS | 990 | 1 | Graduate Research | Litvak    | Vladimir       |
| <b>2132</b> | BBS | 990 | 1 | Graduate Research | Lois      | Carlos         |
| <b>1986</b> | BBS | 990 | 1 | Graduate Research | Lu        | Shan           |
| <b>2188</b> | BBS | 990 | 1 | Graduate Research | Luban     | Jeremy         |
| <b>1987</b> | BBS | 990 | 1 | Graduate Research | Luckmann  | Roger          |
| <b>1988</b> | BBS | 990 | 1 | Graduate Research | Luna      | Elizabeth      |
| <b>1989</b> | BBS | 990 | 1 | Graduate Research | Luo       | Jianyuan       |
| <b>1990</b> | BBS | 990 | 1 | Graduate Research | Lyle      | Stephen        |
| <b>2280</b> | BBS | 990 | 1 | Graduate Research | Madison   | John Mark      |
| <b>2207</b> | BBS | 990 | 1 | Graduate Research | Maehr     | Rene           |
| <b>1027</b> | BBS | 990 | 1 | Graduate Research | Mandon    | Elisabet       |
| <b>2079</b> | BBS | 990 | 1 | Graduate Research | Mandrekar | Pranoti        |
| <b>2086</b> | BBS | 990 | 1 | Graduate Research | Mao       | Junhao         |
| <b>2122</b> | BBS | 990 | 1 | Graduate Research | Maranda   | Louise         |
| <b>1991</b> | BBS | 990 | 1 | Graduate Research | Marinus   | Martin         |
| <b>2101</b> | BBS | 990 | 1 | Graduate Research | Marshall  | William        |
| <b>2237</b> | BBS | 990 | 1 | Graduate Research | Martin    | Gilles         |
| <b>1992</b> | BBS | 990 | 1 | Graduate Research | Massi     | Francesca      |
| <b>2170</b> | BBS | 990 | 1 | Graduate Research | Mathew    | Anuja          |
| <b>1993</b> | BBS | 990 | 1 | Graduate Research | Matthews  | Charles Robert |
| <b>1994</b> | BBS | 990 | 1 | Graduate Research | McCollum  | Dannel         |
| <b>2087</b> | BBS | 990 | 1 | Graduate Research | McCormick | Beth           |
| <b>1995</b> | BBS | 990 | 1 | Graduate Research | Melikian  | Haley          |
| <b>1996</b> | BBS | 990 | 1 | Graduate Research | Mello     | Craig          |
| <b>1997</b> | BBS | 990 | 1 | Graduate Research | Mercurio  | Arthur         |
| <b>1998</b> | BBS | 990 | 1 | Graduate Research | Miller    | Stephen        |
| <b>2171</b> | BBS | 990 | 1 | Graduate Research | Moore     | Constance      |
| <b>1999</b> | BBS | 990 | 1 | Graduate Research | Moore     | Melissa        |
| <b>2102</b> | BBS | 990 | 1 | Graduate Research | Moormann  | Ann            |

|             |     |     |   |                   |                   |             |
|-------------|-----|-----|---|-------------------|-------------------|-------------|
| <b>2000</b> | BBS | 990 | 1 | Graduate Research | Morabito          | Maria       |
| <b>2001</b> | BBS | 990 | 1 | Graduate Research | Morrison          | Trudy       |
| <b>2216</b> | BBS | 990 | 1 | Graduate Research | Muller            | Christian   |
| <b>2002</b> | BBS | 990 | 1 | Graduate Research | Munson            | Maryann     |
| <b>2003</b> | BBS | 990 | 1 | Graduate Research | Newburger         | Peter       |
| <b>2004</b> | BBS | 990 | 1 | Graduate Research | Ockene            | Ira         |
| <b>2005</b> | BBS | 990 | 1 | Graduate Research | Ockene            | Judith      |
| <b>2006</b> | BBS | 990 | 1 | Graduate Research | Odgren            | Paul        |
| <b>1028</b> | BBS | 990 | 1 | Graduate Research | Ogembo            | Javier      |
| <b>2007</b> | BBS | 990 | 1 | Graduate Research | Paydarfar         | David       |
| <b>2008</b> | BBS | 990 | 1 | Graduate Research | Pazour            | Gregory     |
| <b>2011</b> | BBS | 990 | 1 | Graduate Research | Peterson          | Craig       |
| <b>2012</b> | BBS | 990 | 1 | Graduate Research | Pryciak           | Peter       |
| <b>2317</b> | BBS | 990 | 1 | Graduate Research | Pukkila-Worley    | Read        |
| <b>2172</b> | BBS | 990 | 1 | Graduate Research | Punzo             | Claudio     |
| <b>2013</b> | BBS | 990 | 1 | Graduate Research | Ram               | Sanjay      |
| <b>2081</b> | BBS | 990 | 1 | Graduate Research | Rana              | Tariq       |
| <b>2014</b> | BBS | 990 | 1 | Graduate Research | Rando             | Oliver      |
| <b>2015</b> | BBS | 990 | 1 | Graduate Research | Reed              | George      |
| <b>2016</b> | BBS | 990 | 1 | Graduate Research | Reppert           | Steven      |
| <b>2017</b> | BBS | 990 | 1 | Graduate Research | Rhind             | Nicholas    |
| <b>2018</b> | BBS | 990 | 1 | Graduate Research | Rice              | Peter       |
| <b>2019</b> | BBS | 990 | 1 | Graduate Research | Richter           | Joel        |
| <b>2020</b> | BBS | 990 | 1 | Graduate Research | Rivera Perez      | Jaime       |
| <b>2021</b> | BBS | 990 | 1 | Graduate Research | Rock              | Kenneth     |
| <b>2022</b> | BBS | 990 | 1 | Graduate Research | Ross              | Alonzo      |
| <b>2024</b> | BBS | 990 | 1 | Graduate Research | Rothman           | Alan        |
| <b>2025</b> | BBS | 990 | 1 | Graduate Research | Rothschild        | Anthony     |
| <b>2103</b> | BBS | 990 | 1 | Graduate Research | Rothstein         | Ann         |
| <b>2026</b> | BBS | 990 | 1 | Graduate Research | Royer             | William     |
| <b>2027</b> | BBS | 990 | 1 | Graduate Research | Ruiz De Luzuriaga | Katherine   |
| <b>2028</b> | BBS | 990 | 1 | Graduate Research | Ryder             | Sean        |
| <b>2029</b> | BBS | 990 | 1 | Graduate Research | Sagerstrom        | Charles     |
| <b>2030</b> | BBS | 990 | 1 | Graduate Research | Sanderson         | Michael     |
| <b>2031</b> | BBS | 990 | 1 | Graduate Research | Sassetti          | Christopher |
| <b>4001</b> | BBS | 990 | 1 | Graduate Research | SCHAFER           | Dorothy     |
| <b>2032</b> | BBS | 990 | 1 | Graduate Research | Schiffer          | Celia       |
| <b>2033</b> | BBS | 990 | 1 | Graduate Research | Schmidt           | Madelyn     |
| <b>2034</b> | BBS | 990 | 1 | Graduate Research | Schwartz          | William     |
| <b>2035</b> | BBS | 990 | 1 | Graduate Research | Selin             | Liisa       |
| <b>2010</b> | BBS | 990 | 1 | Graduate Research | Sena Esteves      | Miguel      |

|             |     |     |   |                   |            |              |
|-------------|-----|-----|---|-------------------|------------|--------------|
| <b>2173</b> | BBS | 990 | 1 | Graduate Research | Shaffer    | Scott        |
| <b>2036</b> | BBS | 990 | 1 | Graduate Research | Shaw       | Leslie       |
| <b>2037</b> | BBS | 990 | 1 | Graduate Research | Silverman  | Neal         |
| <b>2038</b> | BBS | 990 | 1 | Graduate Research | Simin      | Karl         |
| <b>2040</b> | BBS | 990 | 1 | Graduate Research | Sluder     | Greenfield   |
| <b>2041</b> | BBS | 990 | 1 | Graduate Research | Sluss      | Hayla        |
| <b>2042</b> | BBS | 990 | 1 | Graduate Research | Socolovsky | Merav        |
| <b>2043</b> | BBS | 990 | 1 | Graduate Research | Song       | Jie          |
| <b>2318</b> | BBS | 990 | 1 | Graduate Research | SONTHEIMER | Erik         |
| <b>2044</b> | BBS | 990 | 1 | Graduate Research | Sotak      | Christopher  |
| <b>2174</b> | BBS | 990 | 1 | Graduate Research | Stalvey    | Michael      |
| <b>2045</b> | BBS | 990 | 1 | Graduate Research | Stavnezer  | Janet        |
| <b>2046</b> | BBS | 990 | 1 | Graduate Research | Stein      | Gary         |
| <b>2047</b> | BBS | 990 | 1 | Graduate Research | Stein      | Janet        |
| <b>2048</b> | BBS | 990 | 1 | Graduate Research | Stern      | Lawrence     |
| <b>2049</b> | BBS | 990 | 1 | Graduate Research | Stevenson  | Mario        |
| <b>2050</b> | BBS | 990 | 1 | Graduate Research | Sullivan   | John         |
| <b>2175</b> | BBS | 990 | 1 | Graduate Research | Swain      | Susan        |
| <b>2051</b> | BBS | 990 | 1 | Graduate Research | Szabo      | Gyongyi      |
| <b>2053</b> | BBS | 990 | 1 | Graduate Research | Tapper     | Andrew       |
| <b>2054</b> | BBS | 990 | 1 | Graduate Research | Terajima   | Masanori     |
| <b>2055</b> | BBS | 990 | 1 | Graduate Research | Theurkauf  | William      |
| <b>2319</b> | BBS | 990 | 1 | Graduate Research | Thompson   | Paul         |
| <b>2057</b> | BBS | 990 | 1 | Graduate Research | Tissenbaum | Heidi        |
| <b>2184</b> | BBS | 990 | 1 | Graduate Research | Trivedi    | Chinmay      |
| <b>2052</b> | BBS | 990 | 1 | Graduate Research | Tsuda      | Eva          |
| <b>2059</b> | BBS | 990 | 1 | Graduate Research | Upshur     | Carole       |
| <b>2060</b> | BBS | 990 | 1 | Graduate Research | Urano      | Fumihiko     |
| <b>2061</b> | BBS | 990 | 1 | Graduate Research | Vanwijnen  | Andre        |
| <b>2062</b> | BBS | 990 | 1 | Graduate Research | Volkert    | Michael      |
| <b>2063</b> | BBS | 990 | 1 | Graduate Research | Waddell    | Scott        |
| <b>2064</b> | BBS | 990 | 1 | Graduate Research | Walhout    | Albertha     |
| <b>2206</b> | BBS | 990 | 1 | Graduate Research | Walker     | Amy          |
| <b>2065</b> | BBS | 990 | 1 | Graduate Research | Walsh      | John Vincent |
| <b>2320</b> | BBS | 990 | 1 | Graduate Research | Wang       | Donghai      |
| <b>2133</b> | BBS | 990 | 1 | Graduate Research | Wang       | Jennifer     |
| <b>2066</b> | BBS | 990 | 1 | Graduate Research | Wang       | Yong Xu      |
| <b>2104</b> | BBS | 990 | 1 | Graduate Research | Waring     | Molly        |
| <b>2067</b> | BBS | 990 | 1 | Graduate Research | Weaver     | David        |
| <b>2068</b> | BBS | 990 | 1 | Graduate Research | Welsh      | Raymond      |
| <b>2069</b> | BBS | 990 | 1 | Graduate Research | Weng       | Zhiping      |

|             |     |     |   |                   |           |            |
|-------------|-----|-----|---|-------------------|-----------|------------|
| <b>2070</b> | BBS | 990 | 1 | Graduate Research | Wolfe     | Scot       |
| <b>2071</b> | BBS | 990 | 1 | Graduate Research | Woodland  | Robert     |
| <b>2205</b> | BBS | 990 | 1 | Graduate Research | Xiang     | Yang       |
| <b>2072</b> | BBS | 990 | 1 | Graduate Research | Xu        | Lan        |
| <b>2073</b> | BBS | 990 | 1 | Graduate Research | Xu        | Zuoshang   |
| <b>4002</b> | BBS | 990 | 1 | Graduate Research | Xue       | Wen        |
| <b>2074</b> | BBS | 990 | 1 | Graduate Research | Yoshihara | Motojiro   |
| <b>2124</b> | BBS | 990 | 1 | Graduate Research | Young     | Stephen    |
| <b>2281</b> | BBS | 990 | 1 | Graduate Research | Yu        | Hong       |
| <b>2075</b> | BBS | 990 | 1 | Graduate Research | Zamore    | Phillip    |
| <b>2076</b> | BBS | 990 | 1 | Graduate Research | Zapp      | Maria      |
| <b>2084</b> | BBS | 990 | 1 | Graduate Research | Zeldovich | Konstantin |
| <b>2077</b> | BBS | 990 | 1 | Graduate Research | Zhang     | Hong       |
| <b>1022</b> | BBS | 990 | 1 | Graduate Research | Zhang     | Nanyin     |
| <b>2078</b> | BBS | 990 | 1 | Graduate Research | ZHUGE     | Ronghua    |
| <b>2208</b> | BBS | 990 | 1 | Graduate Research | Ziedonis  | Douglas    |

## Clinical & Translational Science Class Numbers

### Non-Research Course Class Numbers

| Class No. | Subject | Catalog | Session | Description                    | Faculty Last     | Faculty First |
|-----------|---------|---------|---------|--------------------------------|------------------|---------------|
| 2537      | CTS     | 604     | CTS     | Comprehensive Project          | Lapane           | Kate          |
| 2593      | CTS     | 605A    | CT2     | Intro to Clinical Epidemiology | Chrysanthopoulou | Stavroula     |
| 2594      | CTS     | 716     | CTS     | Adv Anal Mthds Hlth Outcome St | Lapane           | Kate          |
| 2587      | CTS     | 717     | CPH     | Randomized Clin. Trials BEHRes | Pagoto           | Sherry        |
| 2467      | CTS     | 724     | CPH     | Meas/Instrumen. in Clin. Res.  | Bova             | Carol         |
| CANCELLED | CTS     | 729     | CTS     | Social Epidemiology            | Jesdale          | Willam        |
| 2596      | CTS     | 799     | CTS     | Independent Study for CPHR     | Lapane           | Kate          |
| 2430      | CTS     | 801     | CPH     | MSCI Independent Study         | Goldberg         | Robert        |
| 3973      | CTS     | 801     | CPH     | MSCI Independent Study         | Pagoto           | Sherry        |
| 2597      | CTS     | 802     | CPH     | MSCI Journal Club              | Goldberg         | Robert        |
| 2598      | CTS     | 855     | CPH     | MSCI Research Seminar          | Goldberg         | Robert        |
| 2565      | CTS     | 860B    | CTS     | Oral Qualifying Exam           | Lapane           | Kate          |

### Research Course Class Numbers

| Class No. | Subject | Catalog | Session | Description                 | Faculty Last     | Faculty First |
|-----------|---------|---------|---------|-----------------------------|------------------|---------------|
| 4101      | CTS     | 550     | CTS     | Research Assistantship PGSP | Person           | Sharina       |
| 4100      | CTS     | 550     | CTS     | Research Assistantship PGSP | Rosal            | Milagros      |
| 4056      | CTS     | 850     | CTS     | Research Assistantship      | Allison          | Jeroan        |
| 4082      | CTS     | 850     | CTS     | Research Assistantship      | Anderson         | Frederick     |
| 4061      | CTS     | 850     | CTS     | Research Assistantship      | Ash              | Arlene        |
| 4078      | CTS     | 850     | CTS     | Research Assistantship      | Bozorgzadeh      | Adel          |
| 4072      | CTS     | 850     | CTS     | Research Assistantship      | BREWER           | Judson        |
| 4051      | CTS     | 850     | CTS     | Research Assistantship      | Briesacher       | Becky         |
| 4084      | CTS     | 850     | CTS     | Research Assistantship      | Chrysanthopoulou | Stavroula     |
| 4086      | CTS     | 850     | CTS     | Research Assistantship      | CLARK            | Melissa Ann   |
| 4058      | CTS     | 850     | CTS     | Research Assistantship      | Clark            | Robin         |
| 4102      | CTS     | 850     | CTS     | Research Assistantship      | Deligiannidis    | Kristina      |
| 4067      | CTS     | 850     | CTS     | Research Assistantship      | Dube             | Catherine     |
| 4064      | CTS     | 850     | CTS     | Research Assistantship      | Epstein          | Mara          |
| 4060      | CTS     | 850     | CTS     | Research Assistantship      | Etzel            | Lori          |
| 4068      | CTS     | 850     | CTS     | Research Assistantship      | Fang             | Hua           |
| 4050      | CTS     | 850     | CTS     | Research Assistantship      | Frazier          | Jean          |
| 4053      | CTS     | 850     | CTS     | Research Assistantship      | Goldberg         | Robert        |
| 4076      | CTS     | 850     | CTS     | Research Assistantship      | Harlan           | David         |
| 4057      | CTS     | 850     | CTS     | Research Assistantship      | Himmelstein      | Jay           |
| 4069      | CTS     | 850     | CTS     | Research Assistantship      | Hoaglin          | David         |
| 4073      | CTS     | 850     | CTS     | Research Assistantship      | Hogan            | Timothy       |

|             |     |     |     |                          |                  |                  |
|-------------|-----|-----|-----|--------------------------|------------------|------------------|
| <b>4059</b> | CTS | 850 | CTS | Research Assistantship   | Houston          | Thomas           |
| <b>4065</b> | CTS | 850 | CTS | Research Assistantship   | Jesdale          | William          |
| <b>4077</b> | CTS | 850 | CTS | Research Assistantship   | Kiefe            | Catarina         |
| <b>4042</b> | CTS | 850 | CTS | Research Assistantship   | LaFemina         | Jennifer         |
| <b>4074</b> | CTS | 850 | CTS | Research Assistantship   | Lapane           | Kate             |
| <b>4083</b> | CTS | 850 | CTS | Research Assistantship   | Lemon            | Stephenie        |
| <b>4063</b> | CTS | 850 | CTS | Research Assistantship   | Luckmann         | Roger            |
| <b>4045</b> | CTS | 850 | CTS | Research Assistantship   | Marsh            | Wendy            |
| <b>4079</b> | CTS | 850 | CTS | Research Assistantship   | Martins          | Paulo            |
| <b>4043</b> | CTS | 850 | CTS | Research Assistantship   | MATTOCKS         | Kristin Michelle |
| <b>4075</b> | CTS | 850 | CTS | Research Assistantship   | Mick             | Eric             |
| <b>4055</b> | CTS | 850 | CTS | Research Assistantship   | Moore Simas      | Tiffany          |
| <b>4103</b> | CTS | 850 | CTS | Research Assistantship   | Ockene           | Judith           |
| <b>4066</b> | CTS | 850 | CTS | Research Assistantship   | Olendzki         | Barbara          |
| <b>4054</b> | CTS | 850 | CTS | Research Assistantship   | Pagoto           | Sherry           |
| <b>4081</b> | CTS | 850 | CTS | Research Assistantship   | Paydarfar        | David            |
| <b>4048</b> | CTS | 850 | CTS | Research Assistantship   | Person           | Sharina          |
| <b>4041</b> | CTS | 850 | CTS | Research Assistantship   | Rosal            | Milagros         |
| <b>4070</b> | CTS | 850 | CTS | Research Assistantship   | Rosen            | Amy              |
| <b>4104</b> | CTS | 850 | CTS | Research Assistantship   | Saczynski        | Jane             |
| <b>4044</b> | CTS | 850 | CTS | Research Assistantship   | Santry           | Heena Pravin     |
| <b>4046</b> | CTS | 850 | CTS | Research Assistantship   | Schneider        | Kristin          |
| <b>4062</b> | CTS | 850 | CTS | Research Assistantship   | Tjia             | Jennifer         |
| <b>4085</b> | CTS | 850 | CTS | Research Assistantship   | ULBRICHT         | Christine        |
| <b>4080</b> | CTS | 850 | CTS | Research Assistantship   | Walz             | Jens             |
| <b>4049</b> | CTS | 850 | CTS | Research Assistantship   | Ware             | John             |
| <b>4052</b> | CTS | 850 | CTS | Research Assistantship   | Waring           | Molly            |
| <b>4071</b> | CTS | 850 | CTS | Research Assistantship   | Yu               | Hong             |
| <b>4047</b> | CTS | 850 | CTS | Research Assistantship   | Ziedonis         | Douglas          |
| <b>2364</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Alavi            | Karim            |
| <b>2561</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Allison          | Jeroan           |
| <b>2519</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Ash              | Arlene           |
| <b>2408</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Boyer            | Edward           |
| <b>2574</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Bozorgzadeh      | Adel             |
| <b>4093</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Chrysanthopoulou | Stavroula        |
| <b>4095</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | CLARK            | Melissa Ann      |
| <b>2376</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Czech            | Michael          |
| <b>4037</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Deligiannidis    | Kristina         |
| <b>2520</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Dube             | Catherine        |
| <b>2521</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Fang             | Hua              |
| <b>2478</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Fazzio           | Thomas           |

|             |     |     |     |                          |                   |                  |
|-------------|-----|-----|-----|--------------------------|-------------------|------------------|
| <b>2407</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Flotte            | Terence          |
| <b>2371</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Goldberg          | Robert           |
| <b>2559</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Harlan            | David            |
| <b>2522</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Hoaglin           | David            |
| <b>2523</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Hogan             | Timothy          |
| <b>2374</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Johnson           | Julia            |
| <b>2375</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Kaushal           | Shalesh          |
| <b>2486</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | LaFemina          | Jennifer         |
| <b>2549</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Lapane            | Kate             |
| <b>2517</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Madison           | John Mark        |
| <b>2575</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Martins           | Paulo            |
| <b>4105</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | MATTOCKS          | Kristin Michelle |
| <b>2431</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Mick              | Eric             |
| <b>2476</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Moormann          | Ann              |
| <b>2448</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Person            | Sharina          |
| <b>2524</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Rosen             | Amy              |
| <b>2377</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Rothschild        | Anthony          |
| <b>2406</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Ruiz De Luzuriaga | Katherine        |
| <b>2363</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Santry            | Heena Pravin     |
| <b>2518</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Spencer           | Frederick        |
| <b>4094</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | ULBRICHT          | Christine        |
| <b>2576</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Walz              | Jens             |
| <b>2544</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Waring            | Molly            |
| <b>2525</b> | CTS | 871 | CTS | MSCI Pre-Thesis Research | Yu                | Hong             |
| <b>2412</b> | CTS | 900 | CTS | Thesis Research          | Adler             | Ronald           |
| <b>2400</b> | CTS | 900 | CTS | Thesis Research          | Allison           | Jeroan           |
| <b>2474</b> | CTS | 900 | CTS | Thesis Research          | Ash               | Arlene           |
| <b>2413</b> | CTS | 900 | CTS | Thesis Research          | Bandini           | Linda            |
| <b>2414</b> | CTS | 900 | CTS | Thesis Research          | Barton            | Bruce            |
| <b>2415</b> | CTS | 900 | CTS | Thesis Research          | Bednarek          | Francis          |
| <b>2569</b> | CTS | 900 | CTS | Thesis Research          | Bozorgzadeh       | Adel             |
| <b>2506</b> | CTS | 900 | CTS | Thesis Research          | BREWER            | Judson           |
| <b>2401</b> | CTS | 900 | CTS | Thesis Research          | Briesacher        | Becky            |
| <b>4087</b> | CTS | 900 | CTS | Thesis Research          | Chrysanthopoulou  | Stavroula        |
| <b>4089</b> | CTS | 900 | CTS | Thesis Research          | CLARK             | Melissa Ann      |
| <b>2380</b> | CTS | 900 | CTS | Thesis Research          | Clark             | Robin            |
| <b>2451</b> | CTS | 900 | CTS | Thesis Research          | DiFranza          | Joseph           |
| <b>2500</b> | CTS | 900 | CTS | Thesis Research          | Dube              | Catherine        |
| <b>2497</b> | CTS | 900 | CTS | Thesis Research          | Epstein           | Mara             |
| <b>2379</b> | CTS | 900 | CTS | Thesis Research          | Etzel             | Lori             |
| <b>2501</b> | CTS | 900 | CTS | Thesis Research          | Fang              | Hua              |

|             |     |     |     |                 |           |                  |
|-------------|-----|-----|-----|-----------------|-----------|------------------|
| <b>2402</b> | CTS | 900 | CTS | Thesis Research | Fisher    | William          |
| <b>2381</b> | CTS | 900 | CTS | Thesis Research | Franklin  | Patricia         |
| <b>2416</b> | CTS | 900 | CTS | Thesis Research | Frazier   | Jean             |
| <b>2546</b> | CTS | 900 | CTS | Thesis Research | Goldberg  | Robert           |
| <b>2440</b> | CTS | 900 | CTS | Thesis Research | Gona      | Philimon         |
| <b>2557</b> | CTS | 900 | CTS | Thesis Research | Harlan    | David            |
| <b>2502</b> | CTS | 900 | CTS | Thesis Research | Hoaglin   | David            |
| <b>2503</b> | CTS | 900 | CTS | Thesis Research | Hogan     | Timothy          |
| <b>2417</b> | CTS | 900 | CTS | Thesis Research | Houston   | Thomas           |
| <b>2498</b> | CTS | 900 | CTS | Thesis Research | Jesdale   | William          |
| <b>4106</b> | CTS | 900 | CTS | Thesis Research | Kiefe     | Catarina         |
| <b>2357</b> | CTS | 900 | CTS | Thesis Research | LaFemina  | Jennifer         |
| <b>2550</b> | CTS | 900 | CTS | Thesis Research | Lapane    | Kate             |
| <b>2452</b> | CTS | 900 | CTS | Thesis Research | Lemon     | Stephenie        |
| <b>2382</b> | CTS | 900 | CTS | Thesis Research | Lilly     | Craig            |
| <b>4107</b> | CTS | 900 | CTS | Thesis Research | Luckmann  | Roger            |
| <b>2386</b> | CTS | 900 | CTS | Thesis Research | Madoff    | Lawrence         |
| <b>2437</b> | CTS | 900 | CTS | Thesis Research | Marsh     | Wendy            |
| <b>2358</b> | CTS | 900 | CTS | Thesis Research | MATTOCKS  | Kristin Michelle |
| <b>2554</b> | CTS | 900 | CTS | Thesis Research | Mick      | Eric             |
| <b>2456</b> | CTS | 900 | CTS | Thesis Research | Moore     | Constance        |
| <b>2378</b> | CTS | 900 | CTS | Thesis Research | Ockene    | Ira              |
| <b>4108</b> | CTS | 900 | CTS | Thesis Research | Ockene    | Judith           |
| <b>2499</b> | CTS | 900 | CTS | Thesis Research | Olendzki  | Barbara          |
| <b>2475</b> | CTS | 900 | CTS | Thesis Research | Paydarfar | David            |
| <b>2446</b> | CTS | 900 | CTS | Thesis Research | Person    | Sharina          |
| <b>2384</b> | CTS | 900 | CTS | Thesis Research | Reed      | George           |
| <b>2353</b> | CTS | 900 | CTS | Thesis Research | Rosal     | Milagros         |
| <b>2420</b> | CTS | 900 | CTS | Thesis Research | Rosen     | Allison          |
| <b>2504</b> | CTS | 900 | CTS | Thesis Research | Rosen     | Amy              |
| <b>2385</b> | CTS | 900 | CTS | Thesis Research | Rothman   | Alan             |
| <b>2454</b> | CTS | 900 | CTS | Thesis Research | Saczynski | Jane             |
| <b>2418</b> | CTS | 900 | CTS | Thesis Research | Salisbury | Elisabeth        |
| <b>2368</b> | CTS | 900 | CTS | Thesis Research | Santry    | Heena Pravin     |
| <b>2438</b> | CTS | 900 | CTS | Thesis Research | Schneider | Kristin          |
| <b>4088</b> | CTS | 900 | CTS | Thesis Research | ULBRICHT  | Christine        |
| <b>2570</b> | CTS | 900 | CTS | Thesis Research | Walz      | Jens             |
| <b>2419</b> | CTS | 900 | CTS | Thesis Research | Ware      | John             |
| <b>2542</b> | CTS | 900 | CTS | Thesis Research | Waring    | Molly            |
| <b>2505</b> | CTS | 900 | CTS | Thesis Research | Yu        | Hong             |
| <b>2439</b> | CTS | 900 | CTS | Thesis Research | Ziedonis  | Douglas          |

|             |     |     |     |                      |                   |                  |
|-------------|-----|-----|-----|----------------------|-------------------|------------------|
| <b>2366</b> | CTS | 901 | CTS | MSCI Thesis Research | Alavi             | Karim            |
| <b>2562</b> | CTS | 901 | CTS | MSCI Thesis Research | Allison           | Jeroan           |
| <b>2528</b> | CTS | 901 | CTS | MSCI Thesis Research | Ash               | Arlene           |
| <b>2411</b> | CTS | 901 | CTS | MSCI Thesis Research | Boyer             | Edward           |
| <b>2577</b> | CTS | 901 | CTS | MSCI Thesis Research | Bozorgzadeh       | Adel             |
| <b>4096</b> | CTS | 901 | CTS | MSCI Thesis Research | Chrysanthopoulou  | Stavroula        |
| <b>4098</b> | CTS | 901 | CTS | MSCI Thesis Research | CLARK             | Melissa Ann      |
| <b>2388</b> | CTS | 901 | CTS | MSCI Thesis Research | Czech             | Michael          |
| <b>4038</b> | CTS | 901 | CTS | MSCI Thesis Research | Deligiannidis     | Kristina         |
| <b>2529</b> | CTS | 901 | CTS | MSCI Thesis Research | Dube              | Catherine        |
| <b>2530</b> | CTS | 901 | CTS | MSCI Thesis Research | Fang              | Hua              |
| <b>2479</b> | CTS | 901 | CTS | MSCI Thesis Research | Fazzio            | Thomas           |
| <b>2410</b> | CTS | 901 | CTS | MSCI Thesis Research | Flotte            | Terence          |
| <b>2373</b> | CTS | 901 | CTS | MSCI Thesis Research | Goldberg          | Robert           |
| <b>2372</b> | CTS | 901 | CTS | MSCI Thesis Research | Harlan            | David            |
| <b>2531</b> | CTS | 901 | CTS | MSCI Thesis Research | Hoaglin           | David            |
| <b>2532</b> | CTS | 901 | CTS | MSCI Thesis Research | Hogan             | Timothy          |
| <b>2387</b> | CTS | 901 | CTS | MSCI Thesis Research | Kaushal           | Shalesh          |
| <b>2361</b> | CTS | 901 | CTS | MSCI Thesis Research | LaFemina          | Jennifer         |
| <b>2551</b> | CTS | 901 | CTS | MSCI Thesis Research | Lapane            | Kate             |
| <b>2526</b> | CTS | 901 | CTS | MSCI Thesis Research | Madison           | John Mark        |
| <b>2578</b> | CTS | 901 | CTS | MSCI Thesis Research | Martins           | Paulo            |
| <b>2362</b> | CTS | 901 | CTS | MSCI Thesis Research | MATTOCKS          | Kristin Michelle |
| <b>2432</b> | CTS | 901 | CTS | MSCI Thesis Research | Mick              | Eric             |
| <b>2477</b> | CTS | 901 | CTS | MSCI Thesis Research | Moormann          | Ann              |
| <b>2449</b> | CTS | 901 | CTS | MSCI Thesis Research | Person            | Sharina          |
| <b>2533</b> | CTS | 901 | CTS | MSCI Thesis Research | Rosen             | Amy              |
| <b>2399</b> | CTS | 901 | CTS | MSCI Thesis Research | Rothschild        | Anthony          |
| <b>2409</b> | CTS | 901 | CTS | MSCI Thesis Research | Ruiz De Luzuriaga | Katherine        |
| <b>2365</b> | CTS | 901 | CTS | MSCI Thesis Research | Santry            | Heena Pravin     |
| <b>2527</b> | CTS | 901 | CTS | MSCI Thesis Research | Spencer           | Frederick        |
| <b>4097</b> | CTS | 901 | CTS | MSCI Thesis Research | ULBRICHT          | Christine        |
| <b>2579</b> | CTS | 901 | CTS | MSCI Thesis Research | Walz              | Jens             |
| <b>2545</b> | CTS | 901 | CTS | MSCI Thesis Research | Waring            | Molly            |
| <b>2534</b> | CTS | 901 | CTS | MSCI Thesis Research | Yu                | Hong             |
| <b>2421</b> | CTS | 990 | CTS | Graduate Research    | Adler             | Ronald           |
| <b>2403</b> | CTS | 990 | CTS | Graduate Research    | Allison           | Jeroan           |
| <b>4010</b> | CTS | 990 | MDP | Graduate Research    | Allison           | Jeroan           |
| <b>2389</b> | CTS | 990 | CTS | Graduate Research    | Anderson          | Frederick        |
| <b>2469</b> | CTS | 990 | CTS | Graduate Research    | Ash               | Arlene           |
| <b>2422</b> | CTS | 990 | CTS | Graduate Research    | Bandini           | Linda            |

|             |     |     |     |                   |                  |                  |
|-------------|-----|-----|-----|-------------------|------------------|------------------|
| <b>2423</b> | CTS | 990 | CTS | Graduate Research | Barton           | Bruce            |
| <b>2424</b> | CTS | 990 | CTS | Graduate Research | Bednarek         | Francis          |
| <b>2571</b> | CTS | 990 | CTS | Graduate Research | Bozorgzadeh      | Adel             |
| <b>2516</b> | CTS | 990 | CTS | Graduate Research | BREWER           | Judson           |
| <b>2404</b> | CTS | 990 | CTS | Graduate Research | Briesacher       | Becky            |
| <b>4090</b> | CTS | 990 | CTS | Graduate Research | Chrysanthopoulou | Stavroula        |
| <b>4092</b> | CTS | 990 | CTS | Graduate Research | CLARK            | Melissa Ann      |
| <b>2392</b> | CTS | 990 | CTS | Graduate Research | Clark            | Robin            |
| <b>4035</b> | CTS | 990 | CTS | Graduate Research | Deligiannidis    | Kristina         |
| <b>4036</b> | CTS | 990 | MDP | Graduate Research | Deligiannidis    | Kristina         |
| <b>2510</b> | CTS | 990 | CTS | Graduate Research | Dube             | Catherine        |
| <b>2507</b> | CTS | 990 | CTS | Graduate Research | Epstein          | Mara             |
| <b>2391</b> | CTS | 990 | CTS | Graduate Research | Etzel            | Lori             |
| <b>2511</b> | CTS | 990 | CTS | Graduate Research | Fang             | Hua              |
| <b>2405</b> | CTS | 990 | CTS | Graduate Research | Fisher           | William          |
| <b>2393</b> | CTS | 990 | CTS | Graduate Research | Franklin         | Patricia         |
| <b>2425</b> | CTS | 990 | CTS | Graduate Research | Frazier          | Jean             |
| <b>2547</b> | CTS | 990 | CTS | Graduate Research | Goldberg         | Robert           |
| <b>2444</b> | CTS | 990 | CTS | Graduate Research | Gona             | Philimon         |
| <b>2558</b> | CTS | 990 | CTS | Graduate Research | Harlan           | David            |
| <b>2512</b> | CTS | 990 | CTS | Graduate Research | Hoaglin          | David            |
| <b>2513</b> | CTS | 990 | CTS | Graduate Research | Hogan            | Timothy          |
| <b>2426</b> | CTS | 990 | CTS | Graduate Research | Houston          | Thomas           |
| <b>2508</b> | CTS | 990 | CTS | Graduate Research | Jesdale          | William          |
| <b>4109</b> | CTS | 990 | CTS | Graduate Research | Kiefe            | Catarina         |
| <b>2359</b> | CTS | 990 | CTS | Graduate Research | LaFemina         | Jennifer         |
| <b>2552</b> | CTS | 990 | CTS | Graduate Research | Lapane           | Kate             |
| <b>2453</b> | CTS | 990 | CTS | Graduate Research | Lemon            | Stephenie        |
| <b>2394</b> | CTS | 990 | CTS | Graduate Research | Lilly            | Craig            |
| <b>2395</b> | CTS | 990 | CTS | Graduate Research | Luckmann         | Roger            |
| <b>2398</b> | CTS | 990 | CTS | Graduate Research | Madoff           | Lawrence         |
| <b>2441</b> | CTS | 990 | CTS | Graduate Research | Marsh            | Wendy            |
| <b>2572</b> | CTS | 990 | CTS | Graduate Research | Martins          | Paulo            |
| <b>2360</b> | CTS | 990 | CTS | Graduate Research | MATTOCKS         | Kristin Michelle |
| <b>2555</b> | CTS | 990 | CTS | Graduate Research | Mick             | Eric             |
| <b>2390</b> | CTS | 990 | CTS | Graduate Research | Ockene           | Ira              |
| <b>4110</b> | CTS | 990 | CTS | Graduate Research | Ockene           | Judith           |
| <b>2509</b> | CTS | 990 | CTS | Graduate Research | Olendzki         | Barbara          |
| <b>2447</b> | CTS | 990 | CTS | Graduate Research | Person           | Sharina          |
| <b>2396</b> | CTS | 990 | CTS | Graduate Research | Reed             | George           |
| <b>2354</b> | CTS | 990 | CTS | Graduate Research | Rosal            | Milagros         |

|             |     |     |     |                   |           |              |
|-------------|-----|-----|-----|-------------------|-----------|--------------|
| <b>2427</b> | CTS | 990 | CTS | Graduate Research | Rosen     | Allison      |
| <b>2514</b> | CTS | 990 | CTS | Graduate Research | Rosen     | Amy          |
| <b>2397</b> | CTS | 990 | CTS | Graduate Research | Rothman   | Alan         |
| <b>2455</b> | CTS | 990 | CTS | Graduate Research | Saczynski | Jane         |
| <b>2428</b> | CTS | 990 | CTS | Graduate Research | Salisbury | Elisabeth    |
| <b>2369</b> | CTS | 990 | CTS | Graduate Research | Santry    | Heena Pravin |
| <b>2442</b> | CTS | 990 | CTS | Graduate Research | Schneider | Kristin      |
| <b>2482</b> | CTS | 990 | CTS | Graduate Research | Tjia      | Jennifer     |
| <b>4091</b> | CTS | 990 | CTS | Graduate Research | ULBRICHT  | Christine    |
| <b>2573</b> | CTS | 990 | CTS | Graduate Research | Walz      | Jens         |
| <b>2429</b> | CTS | 990 | CTS | Graduate Research | Ware      | John         |
| <b>2543</b> | CTS | 990 | CTS | Graduate Research | Waring    | Molly        |
| <b>2515</b> | CTS | 990 | CTS | Graduate Research | Yu        | Hong         |
| <b>2443</b> | CTS | 990 | CTS | Graduate Research | Ziedonis  | Douglas      |

## MD/PhD Class Numbers

### Non-Research Course Class Numbers

| Class No.   | Subject | Catalog | Session | Description                    | Faculty Last | Faculty First |
|-------------|---------|---------|---------|--------------------------------|--------------|---------------|
| <b>2582</b> | MDP     | 740A    | MDP     | Dev. Solutions Res.Prob.A Yr1  | Corvera      | Silvia        |
| <b>2583</b> | MDP     | 740C    | MDP     | Dev. Solutions Res.Prob.C Yr3  | Corvera      | Silvia        |
| <b>2580</b> | MDP     | 741     | MDP     | Intro. to Translational Med    | Corvera      | Silvia        |
| <b>2585</b> | MDP     | 743     | MDP     | Preparation for Thesis Researc | Corvera      | Silvia        |
| <b>2581</b> | MDP     | 744     | MDP     | MD/PhD Learning Communities    | Szabo        | Gyongyi       |

### Research Course Class Numbers

**BBS 850 IS RESERVED FOR MD/PHD STUDENTS ONLY DURING THE SUMMER SEMESTER**

| Class No.   | Subject | Catalog | Session | Description         | Faculty Last | Faculty First  |
|-------------|---------|---------|---------|---------------------|--------------|----------------|
| <b>3687</b> | BBS     | 850     | L1      | Laboratory Rotation | Akbarian     | Schahram       |
| <b>3688</b> | BBS     | 850     | L1      | Laboratory Rotation | Alkema       | Mark           |
| <b>3614</b> | BBS     | 850     | L1      | Laboratory Rotation | Allison      | Jeroan         |
| <b>3670</b> | BBS     | 850     | L1      | Laboratory Rotation | Alonso       | Laura Cristina |
| <b>3689</b> | BBS     | 850     | L1      | Laboratory Rotation | Ambros       | Victor         |
| <b>3679</b> | BBS     | 850     | L1      | Laboratory Rotation | AROIAN       | Raffi Van      |
| <b>3676</b> | BBS     | 850     | L1      | Laboratory Rotation | Aronin       | Neil           |
| <b>3623</b> | BBS     | 850     | L1      | Laboratory Rotation | Aronson      | Michael        |
| <b>3669</b> | BBS     | 850     | L1      | Laboratory Rotation | Ash          | Arlene         |
| <b>3666</b> | BBS     | 850     | L1      | Laboratory Rotation | Babcock      | Gregory        |
| <b>3435</b> | BBS     | 850     | L1      | Laboratory Rotation | Bach         | Ingolf         |
| <b>3436</b> | BBS     | 850     | L1      | Laboratory Rotation | Baehrecke    | Eric           |
| <b>3624</b> | BBS     | 850     | L1      | Laboratory Rotation | Bailey       | Jeffrey        |
| <b>3437</b> | BBS     | 850     | L1      | Laboratory Rotation | Baker        | Richard        |
| <b>3438</b> | BBS     | 850     | L1      | Laboratory Rotation | Bao          | Zheng-Zheng    |
| <b>3678</b> | BBS     | 850     | L1      | Laboratory Rotation | Behar        | Samuel         |
| <b>3638</b> | BBS     | 850     | L1      | Laboratory Rotation | Benanti      | Jennifer       |
| <b>3612</b> | BBS     | 850     | L1      | Laboratory Rotation | Benard       | Claire         |
| <b>3439</b> | BBS     | 850     | L1      | Laboratory Rotation | Berg         | Leslie         |
| <b>3660</b> | BBS     | 850     | L1      | Laboratory Rotation | Bergmann     | Andreas        |
| <b>3690</b> | BBS     | 850     | L1      | Laboratory Rotation | Bogdanov     | Alexei         |
| <b>3440</b> | BBS     | 850     | L1      | Laboratory Rotation | Bolon        | Daniel         |
| <b>3441</b> | BBS     | 850     | L1      | Laboratory Rotation | Bortell      | Rita           |
| <b>3442</b> | BBS     | 850     | L1      | Laboratory Rotation | Bosch        | Irene          |
| <b>3605</b> | BBS     | 850     | L1      | Laboratory Rotation | Bosco        | Daryl          |
| <b>3443</b> | BBS     | 850     | L1      | Laboratory Rotation | Boyartchuk   | Victor         |
| <b>3625</b> | BBS     | 850     | L1      | Laboratory Rotation | Boyer        | Edward         |
| <b>3626</b> | BBS     | 850     | L1      | Laboratory Rotation | Brehm        | Michael        |
| <b>3674</b> | BBS     | 850     | L1      | Laboratory Rotation | BREWER       | Judson         |

|             |     |     |    |                     |               |                 |
|-------------|-----|-----|----|---------------------|---------------|-----------------|
| <b>3979</b> | BBS | 850 | L1 | Laboratory Rotation | Brewster      | Robert          |
| <b>3444</b> | BBS | 850 | L1 | Laboratory Rotation | Brodsky       | Michael         |
| <b>3607</b> | BBS | 850 | L1 | Laboratory Rotation | Brown         | Robert          |
| <b>3445</b> | BBS | 850 | L1 | Laboratory Rotation | Budnik        | Vivian          |
| <b>3691</b> | BBS | 850 | L1 | Laboratory Rotation | Caffrey       | Daniel          |
| <b>3446</b> | BBS | 850 | L1 | Laboratory Rotation | Cantor        | Sharon          |
| <b>3447</b> | BBS | 850 | L1 | Laboratory Rotation | Carraway      | Robert          |
| <b>3448</b> | BBS | 850 | L1 | Laboratory Rotation | Carruthers    | Anthony         |
| <b>3449</b> | BBS | 850 | L1 | Laboratory Rotation | Castilla      | Lucio           |
| <b>3981</b> | BBS | 850 | L1 | Laboratory Rotation | CAVACINI      | Lisa Ann        |
| <b>3627</b> | BBS | 850 | L1 | Laboratory Rotation | Ceol          | Craig           |
| <b>3450</b> | BBS | 850 | L1 | Laboratory Rotation | Chan          | Francis Ka Ming |
| <b>3692</b> | BBS | 850 | L1 | Laboratory Rotation | Chen          | Jason           |
| <b>3451</b> | BBS | 850 | L1 | Laboratory Rotation | Clapham       | Paul            |
| <b>3452</b> | BBS | 850 | L1 | Laboratory Rotation | Clark         | Robin           |
| <b>3615</b> | BBS | 850 | L1 | Laboratory Rotation | Cooper        | Marcus          |
| <b>3453</b> | BBS | 850 | L1 | Laboratory Rotation | Corvera       | Silvia          |
| <b>3454</b> | BBS | 850 | L1 | Laboratory Rotation | Craig         | Roger           |
| <b>3455</b> | BBS | 850 | L1 | Laboratory Rotation | Czech         | Michael         |
| <b>3456</b> | BBS | 850 | L1 | Laboratory Rotation | Davis         | Roger           |
| <b>3457</b> | BBS | 850 | L1 | Laboratory Rotation | Dekker        | Job             |
| <b>4031</b> | BBS | 850 | L1 | Laboratory Rotation | Deligiannidis | Kristina        |
| <b>3458</b> | BBS | 850 | L1 | Laboratory Rotation | DiFranza      | Joseph          |
| <b>3693</b> | BBS | 850 | L1 | Laboratory Rotation | dilorio       | Philip          |
| <b>3459</b> | BBS | 850 | L1 | Laboratory Rotation | Dobner        | Paul            |
| <b>3460</b> | BBS | 850 | L1 | Laboratory Rotation | Doxsey        | Stephen         |
| <b>3461</b> | BBS | 850 | L1 | Laboratory Rotation | Ellison       | Richard         |
| <b>3694</b> | BBS | 850 | L1 | Laboratory Rotation | Emerson       | Charles         |
| <b>3149</b> | BBS | 850 | L1 | Laboratory Rotation | Emerson Jr.   | Charles         |
| <b>3462</b> | BBS | 850 | L1 | Laboratory Rotation | EMERY         | Patrick         |
| <b>3540</b> | BBS | 850 | L1 | Laboratory Rotation | Etsel         | Lori            |
| <b>3671</b> | BBS | 850 | L1 | Laboratory Rotation | Evens         | Andrew          |
| <b>3637</b> | BBS | 850 | L1 | Laboratory Rotation | Fazzio        | Thomas          |
| <b>3463</b> | BBS | 850 | L1 | Laboratory Rotation | Finberg       | Robert          |
| <b>3665</b> | BBS | 850 | L1 | Laboratory Rotation | Fisher        | William         |
| <b>3464</b> | BBS | 850 | L1 | Laboratory Rotation | Fitzgerald    | Katherine       |
| <b>3465</b> | BBS | 850 | L1 | Laboratory Rotation | Flotte        | Terence         |
| <b>3466</b> | BBS | 850 | L1 | Laboratory Rotation | Francis       | Michael         |
| <b>3467</b> | BBS | 850 | L1 | Laboratory Rotation | Franklin      | Patricia        |
| <b>3653</b> | BBS | 850 | L1 | Laboratory Rotation | Freedman      | Jane            |
| <b>3468</b> | BBS | 850 | L1 | Laboratory Rotation | Freeman       | Marc            |
| <b>3622</b> | BBS | 850 | L1 | Laboratory Rotation | Fulwiler      | Carl            |

|             |     |     |    |                     |               |                    |
|-------------|-----|-----|----|---------------------|---------------|--------------------|
| <b>3643</b> | BBS | 850 | L1 | Laboratory Rotation | Futai         | Kensuke            |
| <b>3469</b> | BBS | 850 | L1 | Laboratory Rotation | Galdzicka     | Marzena            |
| <b>3628</b> | BBS | 850 | L1 | Laboratory Rotation | Gao           | Fen-Biao           |
| <b>3471</b> | BBS | 850 | L1 | Laboratory Rotation | Gao           | Guangping          |
| <b>3677</b> | BBS | 850 | L1 | Laboratory Rotation | Garber        | Manuel             |
| <b>3470</b> | BBS | 850 | L1 | Laboratory Rotation | Gardner       | Paul               |
| <b>3472</b> | BBS | 850 | L1 | Laboratory Rotation | Gilmore       | James Reid         |
| <b>3473</b> | BBS | 850 | L1 | Laboratory Rotation | Binns         | Edward             |
| <b>3639</b> | BBS | 850 | L1 | Laboratory Rotation | Goguen        | Jon                |
| <b>3474</b> | BBS | 850 | L1 | Laboratory Rotation | Goldberg      | Robert             |
| <b>3475</b> | BBS | 850 | L1 | Laboratory Rotation | Golenbock     | Douglas            |
| <b>3476</b> | BBS | 850 | L1 | Laboratory Rotation | Gottlinger    | Heinrich           |
| <b>3477</b> | BBS | 850 | L1 | Laboratory Rotation | Gounis        | Matthew            |
| <b>3478</b> | BBS | 850 | L1 | Laboratory Rotation | Gravallese    | Ellen              |
| <b>3479</b> | BBS | 850 | L1 | Laboratory Rotation | GREEN         | Michael<br>Richard |
| <b>3480</b> | BBS | 850 | L1 | Laboratory Rotation | Green         | Sharone            |
| <b>3481</b> | BBS | 850 | L1 | Laboratory Rotation | Greiner       | Dale               |
| <b>3695</b> | BBS | 850 | L1 | Laboratory Rotation | Grunwald      | David              |
| <b>3617</b> | BBS | 850 | L1 | Laboratory Rotation | Guertin       | David              |
| <b>3482</b> | BBS | 850 | L1 | Laboratory Rotation | Hagstrom      | Kirsten            |
| <b>3667</b> | BBS | 850 | L1 | Laboratory Rotation | Hall-Anderson | Lisa               |
| <b>3642</b> | BBS | 850 | L1 | Laboratory Rotation | Han           | Gang               |
| <b>3657</b> | BBS | 850 | L1 | Laboratory Rotation | Harder        | Joanne             |
| <b>3675</b> | BBS | 850 | L1 | Laboratory Rotation | Harlan        | David              |
| <b>3644</b> | BBS | 850 | L1 | Laboratory Rotation | Harris        | John               |
| <b>3483</b> | BBS | 850 | L1 | Laboratory Rotation | Hayward       | Lawrence           |
| <b>3434</b> | BBS | 850 | L1 | Laboratory Rotation | Huh           | Jun                |
| <b>3484</b> | BBS | 850 | L1 | Laboratory Rotation | Huseby        | Eric               |
| <b>3485</b> | BBS | 850 | L1 | Laboratory Rotation | Imbalzano     | Anthony            |
| <b>3486</b> | BBS | 850 | L1 | Laboratory Rotation | Iorio         | Ronald             |
| <b>3487</b> | BBS | 850 | L1 | Laboratory Rotation | Ip            | Yicktung           |
| <b>3488</b> | BBS | 850 | L1 | Laboratory Rotation | Jacobson      | Allan              |
| <b>3696</b> | BBS | 850 | L1 | Laboratory Rotation | Jensen        | Jeffrey            |
| <b>3629</b> | BBS | 850 | L1 | Laboratory Rotation | Johnson       | Julia              |
| <b>3489</b> | BBS | 850 | L1 | Laboratory Rotation | Jonassen      | Julie              |
| <b>3425</b> | BBS | 850 | L1 | Laboratory Rotation | Jones         | Peter<br>Lawrence  |
| <b>3490</b> | BBS | 850 | L1 | Laboratory Rotation | Jones         | Stephen            |
| <b>3491</b> | BBS | 850 | L1 | Laboratory Rotation | Kang          | Joonsoo            |
| <b>3680</b> | BBS | 850 | L1 | Laboratory Rotation | Karlsson      | Elinor             |
| <b>3492</b> | BBS | 850 | L1 | Laboratory Rotation | Kaufman       | Paul               |
| <b>3610</b> | BBS | 850 | L1 | Laboratory Rotation | Kaushal       | Shalesh            |
| <b>3630</b> | BBS | 850 | L1 | Laboratory Rotation | Keaney        | John               |

|             |     |     |    |                     |            |              |
|-------------|-----|-----|----|---------------------|------------|--------------|
| <b>3432</b> | BBS | 850 | L1 | Laboratory Rotation | Kelch      | Brian        |
| <b>3493</b> | BBS | 850 | L1 | Laboratory Rotation | Kelliher   | Michelle     |
| <b>3645</b> | BBS | 850 | L1 | Laboratory Rotation | Kennedy    | David        |
| <b>3646</b> | BBS | 850 | L1 | Laboratory Rotation | Khanna     | Hemant       |
| <b>3431</b> | BBS | 850 | L1 | Laboratory Rotation | Khvorova   | Anastasia    |
| <b>3618</b> | BBS | 850 | L1 | Laboratory Rotation | Kiefe      | Catarina     |
| <b>3494</b> | BBS | 850 | L1 | Laboratory Rotation | Kilpatrick | Daniel       |
| <b>3983</b> | BBS | 850 | L1 | Laboratory Rotation | Kim        | Dohoon       |
| <b>3604</b> | BBS | 850 | L1 | Laboratory Rotation | Kim        | Jason        |
| <b>3426</b> | BBS | 850 | L1 | Laboratory Rotation | King       | Oliver Davis |
| <b>3495</b> | BBS | 850 | L1 | Laboratory Rotation | King       | Jean         |
| <b>3496</b> | BBS | 850 | L1 | Laboratory Rotation | King       | Michael      |
| <b>3497</b> | BBS | 850 | L1 | Laboratory Rotation | Kobertz    | William      |
| <b>3498</b> | BBS | 850 | L1 | Laboratory Rotation | Kornfeld   | Hardy        |
| <b>3641</b> | BBS | 850 | L1 | Laboratory Rotation | Korostelev | Andrei       |
| <b>3499</b> | BBS | 850 | L1 | Laboratory Rotation | Kowalik    | Timothy      |
| <b>3500</b> | BBS | 850 | L1 | Laboratory Rotation | Kurt-Jones | Evelyn       |
| <b>3501</b> | BBS | 850 | L1 | Laboratory Rotation | Lambright  | David        |
| <b>3611</b> | BBS | 850 | L1 | Laboratory Rotation | Landers    | John         |
| <b>3502</b> | BBS | 850 | L1 | Laboratory Rotation | Languino   | Lucia        |
| <b>3503</b> | BBS | 850 | L1 | Laboratory Rotation | Latz       | Eicke        |
| <b>3504</b> | BBS | 850 | L1 | Laboratory Rotation | Lawrence   | Jeanne       |
| <b>3505</b> | BBS | 850 | L1 | Laboratory Rotation | Lawson     | Nathan       |
| <b>3158</b> | BBS | 850 | L1 | Laboratory Rotation | LEE        | Michael      |
| <b>3506</b> | BBS | 850 | L1 | Laboratory Rotation | Lee        | Tzumin       |
| <b>3507</b> | BBS | 850 | L1 | Laboratory Rotation | Leiter     | Andrew       |
| <b>2958</b> | BBS | 850 | L1 | Laboratory Rotation | Leonard    | Jack         |
| <b>3509</b> | BBS | 850 | L1 | Laboratory Rotation | Leong      | John         |
| <b>3510</b> | BBS | 850 | L1 | Laboratory Rotation | Levitz     | Stuart       |
| <b>3511</b> | BBS | 850 | L1 | Laboratory Rotation | Lewis      | Brian        |
| <b>3512</b> | BBS | 850 | L1 | Laboratory Rotation | Li         | Hong-Sheng   |
| <b>3603</b> | BBS | 850 | L1 | Laboratory Rotation | Li         | Shaoguang    |
| <b>3513</b> | BBS | 850 | L1 | Laboratory Rotation | Lian       | Jane         |
| <b>3514</b> | BBS | 850 | L1 | Laboratory Rotation | Libraty    | Daniel       |
| <b>3515</b> | BBS | 850 | L1 | Laboratory Rotation | Lien       | Egil         |
| <b>3516</b> | BBS | 850 | L1 | Laboratory Rotation | Lilly      | Craig        |
| <b>3427</b> | BBS | 850 | L1 | Laboratory Rotation | Litvak     | Vladimir     |
| <b>3631</b> | BBS | 850 | L1 | Laboratory Rotation | Lois       | Carlos       |
| <b>3517</b> | BBS | 850 | L1 | Laboratory Rotation | Lu         | Shan         |
| <b>3659</b> | BBS | 850 | L1 | Laboratory Rotation | Luban      | Jeremy       |
| <b>3518</b> | BBS | 850 | L1 | Laboratory Rotation | Luckmann   | Roger        |
| <b>3519</b> | BBS | 850 | L1 | Laboratory Rotation | Luna       | Elizabeth    |
| <b>3520</b> | BBS | 850 | L1 | Laboratory Rotation | Luo        | Jianyuan     |

|             |     |     |    |                     |                    |                   |
|-------------|-----|-----|----|---------------------|--------------------|-------------------|
| <b>3521</b> | BBS | 850 | L1 | Laboratory Rotation | Lyle               | Stephen           |
| <b>3672</b> | BBS | 850 | L1 | Laboratory Rotation | Madison            | John Mark         |
| <b>3663</b> | BBS | 850 | L1 | Laboratory Rotation | Maehr              | Rene              |
| <b>3429</b> | BBS | 850 | L1 | Laboratory Rotation | Mandon             | Elisabet          |
| <b>3620</b> | BBS | 850 | L1 | Laboratory Rotation | Mandrekar          | Pranoti           |
| <b>3608</b> | BBS | 850 | L1 | Laboratory Rotation | Mao                | Junhao            |
| <b>3632</b> | BBS | 850 | L1 | Laboratory Rotation | Maranda            | Louise            |
| <b>3522</b> | BBS | 850 | L1 | Laboratory Rotation | Marinus            | Martin            |
| <b>3668</b> | BBS | 850 | L1 | Laboratory Rotation | Martin             | Gilles            |
| <b>3523</b> | BBS | 850 | L1 | Laboratory Rotation | Massi              | Francesca         |
| <b>3647</b> | BBS | 850 | L1 | Laboratory Rotation | Mathew             | Anuja             |
| <b>3524</b> | BBS | 850 | L1 | Laboratory Rotation | Matthews           | Charles<br>Robert |
| <b>3525</b> | BBS | 850 | L1 | Laboratory Rotation | McCollum           | Dannel            |
| <b>3609</b> | BBS | 850 | L1 | Laboratory Rotation | McCormick          | Beth              |
| <b>3526</b> | BBS | 850 | L1 | Laboratory Rotation | Melikian           | Haley             |
| <b>3527</b> | BBS | 850 | L1 | Laboratory Rotation | Mello              | Craig             |
| <b>3528</b> | BBS | 850 | L1 | Laboratory Rotation | Mercurio           | Arthur            |
| <b>3529</b> | BBS | 850 | L1 | Laboratory Rotation | Miller             | Stephen           |
| <b>3530</b> | BBS | 850 | L1 | Laboratory Rotation | Moore              | Melissa           |
| <b>3648</b> | BBS | 850 | L1 | Laboratory Rotation | Moore              | Constance         |
| <b>3621</b> | BBS | 850 | L1 | Laboratory Rotation | Moormann           | Ann               |
| <b>3531</b> | BBS | 850 | L1 | Laboratory Rotation | Morabito           | Maria             |
| <b>3532</b> | BBS | 850 | L1 | Laboratory Rotation | Morrison           | Trudy             |
| <b>3654</b> | BBS | 850 | L1 | Laboratory Rotation | Muller             | Christian         |
| <b>3533</b> | BBS | 850 | L1 | Laboratory Rotation | Munson             | Maryann           |
| <b>3534</b> | BBS | 850 | L1 | Laboratory Rotation | Newburger          | Peter             |
| <b>3535</b> | BBS | 850 | L1 | Laboratory Rotation | Ockene             | Ira               |
| <b>3536</b> | BBS | 850 | L1 | Laboratory Rotation | Ockene             | Judith            |
| <b>3537</b> | BBS | 850 | L1 | Laboratory Rotation | Odgren             | Paul              |
| <b>3430</b> | BBS | 850 | L1 | Laboratory Rotation | Ogembo             | Javier            |
| <b>3613</b> | BBS | 850 | L1 | Laboratory Rotation | Ostroff            | Gary              |
| <b>3698</b> | BBS | 850 | L1 | Laboratory Rotation | Pagoto             | Sherry            |
| <b>3538</b> | BBS | 850 | L1 | Laboratory Rotation | Paydarfar          | David             |
| <b>3539</b> | BBS | 850 | L1 | Laboratory Rotation | Pazour             | Gregory           |
| <b>3541</b> | BBS | 850 | L1 | Laboratory Rotation | Peterson           | Craig             |
| <b>3619</b> | BBS | 850 | L1 | Laboratory Rotation | Poteete            | Anthony           |
| <b>3542</b> | BBS | 850 | L1 | Laboratory Rotation | Pryciak            | Peter             |
| <b>3681</b> | BBS | 850 | L1 | Laboratory Rotation | Pukkila-<br>Worley | Read              |
| <b>3649</b> | BBS | 850 | L1 | Laboratory Rotation | Punzo              | Claudio           |
| <b>3543</b> | BBS | 850 | L1 | Laboratory Rotation | Ram                | Sanjay            |
| <b>3544</b> | BBS | 850 | L1 | Laboratory Rotation | Rando              | Oliver            |
| <b>3545</b> | BBS | 850 | L1 | Laboratory Rotation | Reed               | George            |

|             |     |     |    |                     |                   |             |
|-------------|-----|-----|----|---------------------|-------------------|-------------|
| <b>3546</b> | BBS | 850 | L1 | Laboratory Rotation | Reppert           | Steven      |
| <b>3547</b> | BBS | 850 | L1 | Laboratory Rotation | Rhind             | Nicholas    |
| <b>3548</b> | BBS | 850 | L1 | Laboratory Rotation | Rice              | Peter       |
| <b>3549</b> | BBS | 850 | L1 | Laboratory Rotation | Richter           | Joel        |
| <b>3550</b> | BBS | 850 | L1 | Laboratory Rotation | Rivera Perez      | Jaime       |
| <b>3551</b> | BBS | 850 | L1 | Laboratory Rotation | Rock              | Kenneth     |
| <b>3552</b> | BBS | 850 | L1 | Laboratory Rotation | Ross              | Alonzo      |
| <b>3553</b> | BBS | 850 | L1 | Laboratory Rotation | Rothman           | Alan        |
| <b>3554</b> | BBS | 850 | L1 | Laboratory Rotation | Rothschild        | Anthony     |
| <b>3633</b> | BBS | 850 | L1 | Laboratory Rotation | Rothstein         | Ann         |
| <b>3555</b> | BBS | 850 | L1 | Laboratory Rotation | Royer             | William     |
| <b>3556</b> | BBS | 850 | L1 | Laboratory Rotation | Ruiz De Luzuriaga | Katherine   |
| <b>3557</b> | BBS | 850 | L1 | Laboratory Rotation | Ryder             | Sean        |
| <b>3558</b> | BBS | 850 | L1 | Laboratory Rotation | Sagerstrom        | Charles     |
| <b>3559</b> | BBS | 850 | L1 | Laboratory Rotation | Sanderson         | Michael     |
| <b>3560</b> | BBS | 850 | L1 | Laboratory Rotation | Sassetti          | Christopher |
| <b>3685</b> | BBS | 850 | L1 | Laboratory Rotation | SCHAFER           | Dorothy     |
| <b>3561</b> | BBS | 850 | L1 | Laboratory Rotation | Schiffer          | Celia       |
| <b>3562</b> | BBS | 850 | L1 | Laboratory Rotation | Schmidt           | Madelyn     |
| <b>3563</b> | BBS | 850 | L1 | Laboratory Rotation | Schwartz          | William     |
| <b>3564</b> | BBS | 850 | L1 | Laboratory Rotation | Selin             | Liisa       |
| <b>3616</b> | BBS | 850 | L1 | Laboratory Rotation | Sena Esteves      | Miguel      |
| <b>3650</b> | BBS | 850 | L1 | Laboratory Rotation | Shaffer           | Scott       |
| <b>3565</b> | BBS | 850 | L1 | Laboratory Rotation | Shaw              | Leslie      |
| <b>3566</b> | BBS | 850 | L1 | Laboratory Rotation | Silverman         | Neal        |
| <b>3567</b> | BBS | 850 | L1 | Laboratory Rotation | Simin             | Karl        |
| <b>3568</b> | BBS | 850 | L1 | Laboratory Rotation | Sluder            | Greenfield  |
| <b>3569</b> | BBS | 850 | L1 | Laboratory Rotation | Sluss             | Hayla       |
| <b>3570</b> | BBS | 850 | L1 | Laboratory Rotation | Socolovsky        | Merav       |
| <b>3571</b> | BBS | 850 | L1 | Laboratory Rotation | Song              | Jie         |
| <b>3682</b> | BBS | 850 | L1 | Laboratory Rotation | SONTHEIMER        | Erik        |
| <b>3572</b> | BBS | 850 | L1 | Laboratory Rotation | Sotak             | Christopher |
| <b>3651</b> | BBS | 850 | L1 | Laboratory Rotation | Stalvey           | Michael     |
| <b>3573</b> | BBS | 850 | L1 | Laboratory Rotation | Stavnezer         | Janet       |
| <b>3574</b> | BBS | 850 | L1 | Laboratory Rotation | Stein             | Gary        |
| <b>3575</b> | BBS | 850 | L1 | Laboratory Rotation | Stein             | Janet       |
| <b>3576</b> | BBS | 850 | L1 | Laboratory Rotation | Stern             | Lawrence    |
| <b>3577</b> | BBS | 850 | L1 | Laboratory Rotation | Stevenson         | Mario       |
| <b>3652</b> | BBS | 850 | L1 | Laboratory Rotation | Swain             | Susan       |
| <b>3697</b> | BBS | 850 | L1 | Laboratory Rotation | Szabo             | Gyongyi     |
| <b>3578</b> | BBS | 850 | L1 | Laboratory Rotation | Szabo             | Gyongyi     |
| <b>3580</b> | BBS | 850 | L1 | Laboratory Rotation | Tapper            | Andrew      |

|             |     |     |    |                     |            |                |
|-------------|-----|-----|----|---------------------|------------|----------------|
| <b>3581</b> | BBS | 850 | L1 | Laboratory Rotation | Terajima   | Masanori       |
| <b>3582</b> | BBS | 850 | L1 | Laboratory Rotation | Theurkauf  | William        |
| <b>3683</b> | BBS | 850 | L1 | Laboratory Rotation | Thompson   | Paul           |
| <b>3583</b> | BBS | 850 | L1 | Laboratory Rotation | Tissenbaum | Heidi          |
| <b>3655</b> | BBS | 850 | L1 | Laboratory Rotation | Trivedi    | Chinmay        |
| <b>3579</b> | BBS | 850 | L1 | Laboratory Rotation | Tsuda      | Eva            |
| <b>3658</b> | BBS | 850 | L1 | Laboratory Rotation | Uknis      | Marc           |
| <b>3656</b> | BBS | 850 | L1 | Laboratory Rotation | Upshur     | Carole         |
| <b>3584</b> | BBS | 850 | L1 | Laboratory Rotation | Urano      | Fumihiko       |
| <b>3585</b> | BBS | 850 | L1 | Laboratory Rotation | Vanwijnen  | Andre          |
| <b>3586</b> | BBS | 850 | L1 | Laboratory Rotation | Volkert    | Michael        |
| <b>3587</b> | BBS | 850 | L1 | Laboratory Rotation | Waddell    | Scott          |
| <b>3588</b> | BBS | 850 | L1 | Laboratory Rotation | Walhout    | Albertha       |
| <b>3662</b> | BBS | 850 | L1 | Laboratory Rotation | Walker     | Amy            |
| <b>3589</b> | BBS | 850 | L1 | Laboratory Rotation | Walsh      | John Vincent   |
| <b>3684</b> | BBS | 850 | L1 | Laboratory Rotation | Wang       | Donghai        |
| <b>3590</b> | BBS | 850 | L1 | Laboratory Rotation | Wang       | Yong Xu        |
| <b>3634</b> | BBS | 850 | L1 | Laboratory Rotation | Wang       | Jennifer       |
| <b>3635</b> | BBS | 850 | L1 | Laboratory Rotation | Waring     | Molly          |
| <b>3591</b> | BBS | 850 | L1 | Laboratory Rotation | Weaver     | David          |
| <b>3592</b> | BBS | 850 | L1 | Laboratory Rotation | Welsh      | Raymond        |
| <b>3593</b> | BBS | 850 | L1 | Laboratory Rotation | Weng       | Zhiping        |
| <b>3602</b> | BBS | 850 | L1 | Laboratory Rotation | Wolfe      | Scot           |
| <b>3594</b> | BBS | 850 | L1 | Laboratory Rotation | Woodland   | Robert         |
| <b>3661</b> | BBS | 850 | L1 | Laboratory Rotation | Xiang      | Yang           |
| <b>3595</b> | BBS | 850 | L1 | Laboratory Rotation | Xu         | Lan            |
| <b>3596</b> | BBS | 850 | L1 | Laboratory Rotation | Xu         | Zuoshang       |
| <b>3686</b> | BBS | 850 | L1 | Laboratory Rotation | Xue        | Wen            |
| <b>3597</b> | BBS | 850 | L1 | Laboratory Rotation | Yoshihara  | Motojiro       |
| <b>3636</b> | BBS | 850 | L1 | Laboratory Rotation | Young      | Stephen        |
| <b>3673</b> | BBS | 850 | L1 | Laboratory Rotation | Yu         | Hong           |
| <b>3598</b> | BBS | 850 | L1 | Laboratory Rotation | Zamore     | Phillip        |
| <b>3599</b> | BBS | 850 | L1 | Laboratory Rotation | Zapp       | Maria          |
| <b>3606</b> | BBS | 850 | L1 | Laboratory Rotation | Zeldovich  | Konstantin     |
| <b>3600</b> | BBS | 850 | L1 | Laboratory Rotation | Zhang      | Hong           |
| <b>3428</b> | BBS | 850 | L1 | Laboratory Rotation | Zhang      | Nanyin         |
| <b>3601</b> | BBS | 850 | L1 | Laboratory Rotation | ZHUGE      | Ronghua        |
| <b>3664</b> | BBS | 850 | L1 | Laboratory Rotation | Ziedonis   | Douglas        |
| <b>2862</b> | BBS | 850 | L2 | Laboratory Rotation | Akbarian   | Schahram       |
| <b>2863</b> | BBS | 850 | L2 | Laboratory Rotation | Alkema     | Mark           |
| <b>3888</b> | BBS | 850 | L2 | Laboratory Rotation | Allison    | Jeroan         |
| <b>2789</b> | BBS | 850 | L2 | Laboratory Rotation | Allison    | Jeroan         |
| <b>2845</b> | BBS | 850 | L2 | Laboratory Rotation | Alonso     | Laura Cristina |

|             |     |     |    |                     |            |                 |
|-------------|-----|-----|----|---------------------|------------|-----------------|
| <b>2864</b> | BBS | 850 | L2 | Laboratory Rotation | Ambros     | Victor          |
| <b>2854</b> | BBS | 850 | L2 | Laboratory Rotation | AROIAN     | Raffi Van       |
| <b>2851</b> | BBS | 850 | L2 | Laboratory Rotation | Aronin     | Neil            |
| <b>3897</b> | BBS | 850 | L2 | Laboratory Rotation | Aronson    | Michael         |
| <b>2798</b> | BBS | 850 | L2 | Laboratory Rotation | Aronson    | Michael         |
| <b>3941</b> | BBS | 850 | L2 | Laboratory Rotation | Ash        | Arlene          |
| <b>2844</b> | BBS | 850 | L2 | Laboratory Rotation | Ash        | Arlene          |
| <b>2841</b> | BBS | 850 | L2 | Laboratory Rotation | Babcock    | Gregory         |
| <b>2610</b> | BBS | 850 | L2 | Laboratory Rotation | Bach       | Ingolf          |
| <b>2611</b> | BBS | 850 | L2 | Laboratory Rotation | Baehrecke  | Eric            |
| <b>2799</b> | BBS | 850 | L2 | Laboratory Rotation | Bailey     | Jeffrey         |
| <b>2612</b> | BBS | 850 | L2 | Laboratory Rotation | Baker      | Richard         |
| <b>2613</b> | BBS | 850 | L2 | Laboratory Rotation | Bao        | Zheng-Zheng     |
| <b>2853</b> | BBS | 850 | L2 | Laboratory Rotation | Behar      | Samuel          |
| <b>2813</b> | BBS | 850 | L2 | Laboratory Rotation | Benanti    | Jennifer        |
| <b>3886</b> | BBS | 850 | L2 | Laboratory Rotation | Benard     | Claire          |
| <b>2787</b> | BBS | 850 | L2 | Laboratory Rotation | Benard     | Claire          |
| <b>2614</b> | BBS | 850 | L2 | Laboratory Rotation | Berg       | Leslie          |
| <b>2835</b> | BBS | 850 | L2 | Laboratory Rotation | Bergmann   | Andreas         |
| <b>2865</b> | BBS | 850 | L2 | Laboratory Rotation | Bogdanov   | Alexei          |
| <b>2615</b> | BBS | 850 | L2 | Laboratory Rotation | Bolon      | Daniel          |
| <b>2616</b> | BBS | 850 | L2 | Laboratory Rotation | Bortell    | Rita            |
| <b>2617</b> | BBS | 850 | L2 | Laboratory Rotation | Bosch      | Irene           |
| <b>2780</b> | BBS | 850 | L2 | Laboratory Rotation | Bosco      | Daryl           |
| <b>2618</b> | BBS | 850 | L2 | Laboratory Rotation | Boyartchuk | Victor          |
| <b>3899</b> | BBS | 850 | L2 | Laboratory Rotation | Boyer      | Edward          |
| <b>2800</b> | BBS | 850 | L2 | Laboratory Rotation | Boyer      | Edward          |
| <b>2801</b> | BBS | 850 | L2 | Laboratory Rotation | Brehm      | Michael         |
| <b>2849</b> | BBS | 850 | L2 | Laboratory Rotation | BREWER     | Judson          |
| <b>3980</b> | BBS | 850 | L2 | Laboratory Rotation | Brewster   | Robert          |
| <b>2619</b> | BBS | 850 | L2 | Laboratory Rotation | Brodsky    | Michael         |
| <b>2782</b> | BBS | 850 | L2 | Laboratory Rotation | Brown      | Robert          |
| <b>2620</b> | BBS | 850 | L2 | Laboratory Rotation | Budnik     | Vivian          |
| <b>2866</b> | BBS | 850 | L2 | Laboratory Rotation | Caffrey    | Daniel          |
| <b>2621</b> | BBS | 850 | L2 | Laboratory Rotation | Cantor     | Sharon          |
| <b>2622</b> | BBS | 850 | L2 | Laboratory Rotation | Carraway   | Robert          |
| <b>2623</b> | BBS | 850 | L2 | Laboratory Rotation | Carruthers | Anthony         |
| <b>2624</b> | BBS | 850 | L2 | Laboratory Rotation | Castilla   | Lucio           |
| <b>3982</b> | BBS | 850 | L2 | Laboratory Rotation | CAVACINI   | Lisa Ann        |
| <b>2802</b> | BBS | 850 | L2 | Laboratory Rotation | Ceol       | Craig           |
| <b>2625</b> | BBS | 850 | L2 | Laboratory Rotation | Chan       | Francis Ka Ming |
| <b>2867</b> | BBS | 850 | L2 | Laboratory Rotation | Chen       | Jason           |

|             |     |     |    |                     |               |            |
|-------------|-----|-----|----|---------------------|---------------|------------|
| <b>2626</b> | BBS | 850 | L2 | Laboratory Rotation | Clapham       | Paul       |
| <b>2627</b> | BBS | 850 | L2 | Laboratory Rotation | Clark         | Robin      |
| <b>3889</b> | BBS | 850 | L2 | Laboratory Rotation | Cooper        | Marcus     |
| <b>2790</b> | BBS | 850 | L2 | Laboratory Rotation | Cooper        | Marcus     |
| <b>2628</b> | BBS | 850 | L2 | Laboratory Rotation | Corvera       | Silvia     |
| <b>2629</b> | BBS | 850 | L2 | Laboratory Rotation | Craig         | Roger      |
| <b>2630</b> | BBS | 850 | L2 | Laboratory Rotation | Czech         | Michael    |
| <b>2631</b> | BBS | 850 | L2 | Laboratory Rotation | Davis         | Roger      |
| <b>2632</b> | BBS | 850 | L2 | Laboratory Rotation | Dekker        | Job        |
| <b>4032</b> | BBS | 850 | L2 | Laboratory Rotation | Deligiannidis | Kristina   |
| <b>2633</b> | BBS | 850 | L2 | Laboratory Rotation | DiFranza      | Joseph     |
| <b>2868</b> | BBS | 850 | L2 | Laboratory Rotation | dilorio       | Philip     |
| <b>2634</b> | BBS | 850 | L2 | Laboratory Rotation | Dobner        | Paul       |
| <b>2635</b> | BBS | 850 | L2 | Laboratory Rotation | Doxsey        | Stephen    |
| <b>2636</b> | BBS | 850 | L2 | Laboratory Rotation | Ellison       | Richard    |
| <b>2869</b> | BBS | 850 | L2 | Laboratory Rotation | Emerson       | Charles    |
| <b>2599</b> | BBS | 850 | L2 | Laboratory Rotation | Emerson Jr.   | Charles    |
| <b>2637</b> | BBS | 850 | L2 | Laboratory Rotation | EMERY         | Patrick    |
| <b>2715</b> | BBS | 850 | L2 | Laboratory Rotation | Etzal         | Lori       |
| <b>2846</b> | BBS | 850 | L2 | Laboratory Rotation | Evens         | Andrew     |
| <b>2812</b> | BBS | 850 | L2 | Laboratory Rotation | Fazzio        | Thomas     |
| <b>2638</b> | BBS | 850 | L2 | Laboratory Rotation | Finberg       | Robert     |
| <b>2840</b> | BBS | 850 | L2 | Laboratory Rotation | Fisher        | William    |
| <b>3739</b> | BBS | 850 | L2 | Laboratory Rotation | Fisher        | William    |
| <b>2639</b> | BBS | 850 | L2 | Laboratory Rotation | Fitzgerald    | Katherine  |
| <b>2640</b> | BBS | 850 | L2 | Laboratory Rotation | Flotte        | Terence    |
| <b>2641</b> | BBS | 850 | L2 | Laboratory Rotation | Francis       | Michael    |
| <b>2642</b> | BBS | 850 | L2 | Laboratory Rotation | Franklin      | Patricia   |
| <b>2828</b> | BBS | 850 | L2 | Laboratory Rotation | Freedman      | Jane       |
| <b>2643</b> | BBS | 850 | L2 | Laboratory Rotation | Freeman       | Marc       |
| <b>3896</b> | BBS | 850 | L2 | Laboratory Rotation | Fulwiler      | Carl       |
| <b>2797</b> | BBS | 850 | L2 | Laboratory Rotation | Fulwiler      | Carl       |
| <b>3916</b> | BBS | 850 | L2 | Laboratory Rotation | Futai         | Kensuke    |
| <b>2818</b> | BBS | 850 | L2 | Laboratory Rotation | Futai         | Kensuke    |
| <b>2644</b> | BBS | 850 | L2 | Laboratory Rotation | Galdzicka     | Marzena    |
| <b>3902</b> | BBS | 850 | L2 | Laboratory Rotation | Gao           | Fen-Biao   |
| <b>2803</b> | BBS | 850 | L2 | Laboratory Rotation | Gao           | Fen-Biao   |
| <b>2646</b> | BBS | 850 | L2 | Laboratory Rotation | Gao           | Guangping  |
| <b>2852</b> | BBS | 850 | L2 | Laboratory Rotation | Garber        | Manuel     |
| <b>2645</b> | BBS | 850 | L2 | Laboratory Rotation | Gardner       | Paul       |
| <b>2647</b> | BBS | 850 | L2 | Laboratory Rotation | Gilmore       | James Reid |
| <b>2648</b> | BBS | 850 | L2 | Laboratory Rotation | Ginns         | Edward     |
| <b>2814</b> | BBS | 850 | L2 | Laboratory Rotation | Goguen        | Jon        |

|             |     |     |    |                     |               |                    |
|-------------|-----|-----|----|---------------------|---------------|--------------------|
| <b>2649</b> | BBS | 850 | L2 | Laboratory Rotation | Goldberg      | Robert             |
| <b>2650</b> | BBS | 850 | L2 | Laboratory Rotation | Golenbock     | Douglas            |
| <b>2651</b> | BBS | 850 | L2 | Laboratory Rotation | Gottlinger    | Heinrich           |
| <b>2652</b> | BBS | 850 | L2 | Laboratory Rotation | Gounis        | Matthew            |
| <b>2653</b> | BBS | 850 | L2 | Laboratory Rotation | Gravallese    | Ellen              |
| <b>2654</b> | BBS | 850 | L2 | Laboratory Rotation | GREEN         | Michael<br>Richard |
| <b>2655</b> | BBS | 850 | L2 | Laboratory Rotation | Green         | Sharone            |
| <b>2656</b> | BBS | 850 | L2 | Laboratory Rotation | Greiner       | Dale               |
| <b>2870</b> | BBS | 850 | L2 | Laboratory Rotation | Grunwald      | David              |
| <b>3891</b> | BBS | 850 | L2 | Laboratory Rotation | Guertin       | David              |
| <b>2792</b> | BBS | 850 | L2 | Laboratory Rotation | Guertin       | David              |
| <b>2657</b> | BBS | 850 | L2 | Laboratory Rotation | Hagstrom      | Kirsten            |
| <b>2842</b> | BBS | 850 | L2 | Laboratory Rotation | Hall-Anderson | Lisa               |
| <b>2817</b> | BBS | 850 | L2 | Laboratory Rotation | Han           | Gang               |
| <b>3930</b> | BBS | 850 | L2 | Laboratory Rotation | Harder        | Joanne             |
| <b>2832</b> | BBS | 850 | L2 | Laboratory Rotation | Harder        | Joanne             |
| <b>2850</b> | BBS | 850 | L2 | Laboratory Rotation | Harlan        | David              |
| <b>2819</b> | BBS | 850 | L2 | Laboratory Rotation | Harris        | John               |
| <b>2658</b> | BBS | 850 | L2 | Laboratory Rotation | Hayward       | Lawrence           |
| <b>2609</b> | BBS | 850 | L2 | Laboratory Rotation | Huh           | Jun                |
| <b>2659</b> | BBS | 850 | L2 | Laboratory Rotation | Huseby        | Eric               |
| <b>2660</b> | BBS | 850 | L2 | Laboratory Rotation | Imbalzano     | Anthony            |
| <b>2661</b> | BBS | 850 | L2 | Laboratory Rotation | Iorio         | Ronald             |
| <b>2662</b> | BBS | 850 | L2 | Laboratory Rotation | Ip            | Yicktung           |
| <b>2663</b> | BBS | 850 | L2 | Laboratory Rotation | Jacobson      | Allan              |
| <b>2871</b> | BBS | 850 | L2 | Laboratory Rotation | Jensen        | Jeffrey            |
| <b>3903</b> | BBS | 850 | L2 | Laboratory Rotation | Johnson       | Julia              |
| <b>2804</b> | BBS | 850 | L2 | Laboratory Rotation | Johnson       | Julia              |
| <b>2664</b> | BBS | 850 | L2 | Laboratory Rotation | Jonassen      | Julie              |
| <b>2600</b> | BBS | 850 | L2 | Laboratory Rotation | Jones         | Peter<br>Lawrence  |
| <b>2665</b> | BBS | 850 | L2 | Laboratory Rotation | Jones         | Stephen            |
| <b>2666</b> | BBS | 850 | L2 | Laboratory Rotation | Kang          | Joonsoo            |
| <b>2855</b> | BBS | 850 | L2 | Laboratory Rotation | Karlsson      | Elinor             |
| <b>2667</b> | BBS | 850 | L2 | Laboratory Rotation | Kaufman       | Paul               |
| <b>3884</b> | BBS | 850 | L2 | Laboratory Rotation | Kaushal       | Shalesh            |
| <b>2785</b> | BBS | 850 | L2 | Laboratory Rotation | Kaushal       | Shalesh            |
| <b>2805</b> | BBS | 850 | L2 | Laboratory Rotation | Keaney        | John               |
| <b>2607</b> | BBS | 850 | L2 | Laboratory Rotation | Kelch         | Brian              |
| <b>2668</b> | BBS | 850 | L2 | Laboratory Rotation | Kelliher      | Michelle           |
| <b>2820</b> | BBS | 850 | L2 | Laboratory Rotation | Kennedy       | David              |
| <b>2821</b> | BBS | 850 | L2 | Laboratory Rotation | Khanna        | Hemant             |
| <b>2606</b> | BBS | 850 | L2 | Laboratory Rotation | Khvorova      | Anastasia          |

|             |     |     |    |                     |            |              |
|-------------|-----|-----|----|---------------------|------------|--------------|
| <b>2793</b> | BBS | 850 | L2 | Laboratory Rotation | Kiefe      | Catarina     |
| <b>2669</b> | BBS | 850 | L2 | Laboratory Rotation | Kilpatrick | Daniel       |
| <b>3984</b> | BBS | 850 | L2 | Laboratory Rotation | Kim        | Dohoon       |
| <b>2779</b> | BBS | 850 | L2 | Laboratory Rotation | Kim        | Jason        |
| <b>2601</b> | BBS | 850 | L2 | Laboratory Rotation | King       | Oliver Davis |
| <b>2670</b> | BBS | 850 | L2 | Laboratory Rotation | King       | Jean         |
| <b>2671</b> | BBS | 850 | L2 | Laboratory Rotation | King       | Michael      |
| <b>2672</b> | BBS | 850 | L2 | Laboratory Rotation | Kobertz    | William      |
| <b>2673</b> | BBS | 850 | L2 | Laboratory Rotation | Kornfeld   | Hardy        |
| <b>3925</b> | BBS | 850 | L2 | Laboratory Rotation | Korostelev | Andrei       |
| <b>2816</b> | BBS | 850 | L2 | Laboratory Rotation | Korostelev | Andrei       |
| <b>2674</b> | BBS | 850 | L2 | Laboratory Rotation | Kowalik    | Timothy      |
| <b>2675</b> | BBS | 850 | L2 | Laboratory Rotation | Kurt-Jones | Evelyn       |
| <b>2676</b> | BBS | 850 | L2 | Laboratory Rotation | Lambright  | David        |
| <b>2786</b> | BBS | 850 | L2 | Laboratory Rotation | Landers    | John         |
| <b>2677</b> | BBS | 850 | L2 | Laboratory Rotation | Languino   | Lucia        |
| <b>2678</b> | BBS | 850 | L2 | Laboratory Rotation | Latz       | Eicke        |
| <b>2679</b> | BBS | 850 | L2 | Laboratory Rotation | Lawrence   | Jeanne       |
| <b>2680</b> | BBS | 850 | L2 | Laboratory Rotation | Lawson     | Nathan       |
| <b>2608</b> | BBS | 850 | L2 | Laboratory Rotation | LEE        | Michael      |
| <b>2681</b> | BBS | 850 | L2 | Laboratory Rotation | Lee        | Tzumin       |
| <b>2682</b> | BBS | 850 | L2 | Laboratory Rotation | Leiter     | Andrew       |
| <b>2683</b> | BBS | 850 | L2 | Laboratory Rotation | Leonard    | Jack         |
| <b>3947</b> | BBS | 850 | L2 | Laboratory Rotation | Leonard    | Jack         |
| <b>2684</b> | BBS | 850 | L2 | Laboratory Rotation | Leong      | John         |
| <b>2685</b> | BBS | 850 | L2 | Laboratory Rotation | Levitz     | Stuart       |
| <b>2686</b> | BBS | 850 | L2 | Laboratory Rotation | Lewis      | Brian        |
| <b>2687</b> | BBS | 850 | L2 | Laboratory Rotation | Li         | Hong-Sheng   |
| <b>2778</b> | BBS | 850 | L2 | Laboratory Rotation | Li         | Shaoguang    |
| <b>2688</b> | BBS | 850 | L2 | Laboratory Rotation | Lian       | Jane         |
| <b>2689</b> | BBS | 850 | L2 | Laboratory Rotation | Libraty    | Daniel       |
| <b>2690</b> | BBS | 850 | L2 | Laboratory Rotation | Lien       | Egil         |
| <b>2691</b> | BBS | 850 | L2 | Laboratory Rotation | Lilly      | Craig        |
| <b>2602</b> | BBS | 850 | L2 | Laboratory Rotation | Litvak     | Vladimir     |
| <b>3905</b> | BBS | 850 | L2 | Laboratory Rotation | Lois       | Carlos       |
| <b>2806</b> | BBS | 850 | L2 | Laboratory Rotation | Lois       | Carlos       |
| <b>2692</b> | BBS | 850 | L2 | Laboratory Rotation | Lu         | Shan         |
| <b>2834</b> | BBS | 850 | L2 | Laboratory Rotation | Luban      | Jeremy       |
| <b>2693</b> | BBS | 850 | L2 | Laboratory Rotation | Luckmann   | Roger        |
| <b>2694</b> | BBS | 850 | L2 | Laboratory Rotation | Luna       | Elizabeth    |
| <b>2695</b> | BBS | 850 | L2 | Laboratory Rotation | Luo        | Jianyuan     |
| <b>2696</b> | BBS | 850 | L2 | Laboratory Rotation | Lyle       | Stephen      |
| <b>2847</b> | BBS | 850 | L2 | Laboratory Rotation | Madison    | John Mark    |

|             |     |     |    |                     |                    |                   |
|-------------|-----|-----|----|---------------------|--------------------|-------------------|
| <b>2838</b> | BBS | 850 | L2 | Laboratory Rotation | Maehr              | Rene              |
| <b>2604</b> | BBS | 850 | L2 | Laboratory Rotation | Mandon             | Elisabet          |
| <b>3894</b> | BBS | 850 | L2 | Laboratory Rotation | Mandrekar          | Pranoti           |
| <b>2795</b> | BBS | 850 | L2 | Laboratory Rotation | Mandrekar          | Pranoti           |
| <b>2783</b> | BBS | 850 | L2 | Laboratory Rotation | Mao                | Junhao            |
| <b>2807</b> | BBS | 850 | L2 | Laboratory Rotation | Maranda            | Louise            |
| <b>2697</b> | BBS | 850 | L2 | Laboratory Rotation | Marinus            | Martin            |
| <b>2843</b> | BBS | 850 | L2 | Laboratory Rotation | Martin             | Gilles            |
| <b>2698</b> | BBS | 850 | L2 | Laboratory Rotation | Massi              | Francesca         |
| <b>2822</b> | BBS | 850 | L2 | Laboratory Rotation | Mathew             | Anuja             |
| <b>2699</b> | BBS | 850 | L2 | Laboratory Rotation | Matthews           | Charles<br>Robert |
| <b>2700</b> | BBS | 850 | L2 | Laboratory Rotation | McCollum           | Dannel            |
| <b>2784</b> | BBS | 850 | L2 | Laboratory Rotation | McCormick          | Beth              |
| <b>2701</b> | BBS | 850 | L2 | Laboratory Rotation | Melikian           | Haley             |
| <b>2702</b> | BBS | 850 | L2 | Laboratory Rotation | Mello              | Craig             |
| <b>2703</b> | BBS | 850 | L2 | Laboratory Rotation | Mercurio           | Arthur            |
| <b>2704</b> | BBS | 850 | L2 | Laboratory Rotation | Miller             | Stephen           |
| <b>2705</b> | BBS | 850 | L2 | Laboratory Rotation | Moore              | Melissa           |
| <b>2823</b> | BBS | 850 | L2 | Laboratory Rotation | Moore              | Constance         |
| <b>3895</b> | BBS | 850 | L2 | Laboratory Rotation | Moormann           | Ann               |
| <b>2796</b> | BBS | 850 | L2 | Laboratory Rotation | Moormann           | Ann               |
| <b>2706</b> | BBS | 850 | L2 | Laboratory Rotation | Morabito           | Maria             |
| <b>2707</b> | BBS | 850 | L2 | Laboratory Rotation | Morrison           | Trudy             |
| <b>3927</b> | BBS | 850 | L2 | Laboratory Rotation | Muller             | Christian         |
| <b>2829</b> | BBS | 850 | L2 | Laboratory Rotation | Muller             | Christian         |
| <b>2708</b> | BBS | 850 | L2 | Laboratory Rotation | Munson             | Maryann           |
| <b>2709</b> | BBS | 850 | L2 | Laboratory Rotation | Newburger          | Peter             |
| <b>2710</b> | BBS | 850 | L2 | Laboratory Rotation | Ockene             | Ira               |
| <b>2711</b> | BBS | 850 | L2 | Laboratory Rotation | Ockene             | Judith            |
| <b>2712</b> | BBS | 850 | L2 | Laboratory Rotation | Odgren             | Paul              |
| <b>2605</b> | BBS | 850 | L2 | Laboratory Rotation | Ogembo             | Javier            |
| <b>3887</b> | BBS | 850 | L2 | Laboratory Rotation | Ostroff            | Gary              |
| <b>2788</b> | BBS | 850 | L2 | Laboratory Rotation | Ostroff            | Gary              |
| <b>2873</b> | BBS | 850 | L2 | Laboratory Rotation | Pagoto             | Sherry            |
| <b>2713</b> | BBS | 850 | L2 | Laboratory Rotation | Paydarfar          | David             |
| <b>2714</b> | BBS | 850 | L2 | Laboratory Rotation | Pazour             | Gregory           |
| <b>2716</b> | BBS | 850 | L2 | Laboratory Rotation | Peterson           | Craig             |
| <b>2794</b> | BBS | 850 | L2 | Laboratory Rotation | Poteete            | Anthony           |
| <b>2717</b> | BBS | 850 | L2 | Laboratory Rotation | Pryciak            | Peter             |
| <b>2856</b> | BBS | 850 | L2 | Laboratory Rotation | Pukkila-<br>Worley | Read              |
| <b>2824</b> | BBS | 850 | L2 | Laboratory Rotation | Punzo              | Claudio           |
| <b>2718</b> | BBS | 850 | L2 | Laboratory Rotation | Ram                | Sanjay            |

|             |     |     |    |                     |                   |             |
|-------------|-----|-----|----|---------------------|-------------------|-------------|
| <b>2719</b> | BBS | 850 | L2 | Laboratory Rotation | Rando             | Oliver      |
| <b>2720</b> | BBS | 850 | L2 | Laboratory Rotation | Reed              | George      |
| <b>2721</b> | BBS | 850 | L2 | Laboratory Rotation | Reppert           | Steven      |
| <b>2722</b> | BBS | 850 | L2 | Laboratory Rotation | Rhind             | Nicholas    |
| <b>2723</b> | BBS | 850 | L2 | Laboratory Rotation | Rice              | Peter       |
| <b>2724</b> | BBS | 850 | L2 | Laboratory Rotation | Richter           | Joel        |
| <b>2725</b> | BBS | 850 | L2 | Laboratory Rotation | Rivera Perez      | Jaime       |
| <b>2726</b> | BBS | 850 | L2 | Laboratory Rotation | Rock              | Kenneth     |
| <b>3971</b> | BBS | 850 | L2 | Laboratory Rotation | Rogaev            | Evgeny      |
| <b>2727</b> | BBS | 850 | L2 | Laboratory Rotation | Ross              | Alonzo      |
| <b>2728</b> | BBS | 850 | L2 | Laboratory Rotation | Rothman           | Alan        |
| <b>2729</b> | BBS | 850 | L2 | Laboratory Rotation | Rothschild        | Anthony     |
| <b>3907</b> | BBS | 850 | L2 | Laboratory Rotation | Rothstein         | Ann         |
| <b>2808</b> | BBS | 850 | L2 | Laboratory Rotation | Rothstein         | Ann         |
| <b>2730</b> | BBS | 850 | L2 | Laboratory Rotation | Royer             | William     |
| <b>2731</b> | BBS | 850 | L2 | Laboratory Rotation | Ruiz De Luzuriaga | Katherine   |
| <b>2732</b> | BBS | 850 | L2 | Laboratory Rotation | Ryder             | Sean        |
| <b>2733</b> | BBS | 850 | L2 | Laboratory Rotation | Sagerstrom        | Charles     |
| <b>2734</b> | BBS | 850 | L2 | Laboratory Rotation | Sanderson         | Michael     |
| <b>2735</b> | BBS | 850 | L2 | Laboratory Rotation | Sassetti          | Christopher |
| <b>2860</b> | BBS | 850 | L2 | Laboratory Rotation | SCHAFER           | Dorothy     |
| <b>2736</b> | BBS | 850 | L2 | Laboratory Rotation | Schiffer          | Celia       |
| <b>2737</b> | BBS | 850 | L2 | Laboratory Rotation | Schmidt           | Madelyn     |
| <b>2738</b> | BBS | 850 | L2 | Laboratory Rotation | Schwartz          | William     |
| <b>2739</b> | BBS | 850 | L2 | Laboratory Rotation | Selin             | Liisa       |
| <b>3890</b> | BBS | 850 | L2 | Laboratory Rotation | Sena Esteves      | Miguel      |
| <b>2791</b> | BBS | 850 | L2 | Laboratory Rotation | Sena Esteves      | Miguel      |
| <b>2825</b> | BBS | 850 | L2 | Laboratory Rotation | Shaffer           | Scott       |
| <b>2740</b> | BBS | 850 | L2 | Laboratory Rotation | Shaw              | Leslie      |
| <b>2741</b> | BBS | 850 | L2 | Laboratory Rotation | Silverman         | Neal        |
| <b>2742</b> | BBS | 850 | L2 | Laboratory Rotation | Simin             | Karl        |
| <b>2743</b> | BBS | 850 | L2 | Laboratory Rotation | Sluder            | Greenfield  |
| <b>2744</b> | BBS | 850 | L2 | Laboratory Rotation | Sluss             | Hayla       |
| <b>2745</b> | BBS | 850 | L2 | Laboratory Rotation | Socolovsky        | Merav       |
| <b>2746</b> | BBS | 850 | L2 | Laboratory Rotation | Song              | Jie         |
| <b>2857</b> | BBS | 850 | L2 | Laboratory Rotation | SONTHEIMER        | Erik        |
| <b>2747</b> | BBS | 850 | L2 | Laboratory Rotation | Sotak             | Christopher |
| <b>2826</b> | BBS | 850 | L2 | Laboratory Rotation | Stalvey           | Michael     |
| <b>2748</b> | BBS | 850 | L2 | Laboratory Rotation | Stavnezer         | Janet       |
| <b>2749</b> | BBS | 850 | L2 | Laboratory Rotation | Stein             | Gary        |
| <b>2750</b> | BBS | 850 | L2 | Laboratory Rotation | Stein             | Janet       |
| <b>2751</b> | BBS | 850 | L2 | Laboratory Rotation | Stern             | Lawrence    |

|             |     |     |    |                     |            |              |
|-------------|-----|-----|----|---------------------|------------|--------------|
| <b>2752</b> | BBS | 850 | L2 | Laboratory Rotation | Stevenson  | Mario        |
| <b>2827</b> | BBS | 850 | L2 | Laboratory Rotation | Swain      | Susan        |
| <b>2872</b> | BBS | 850 | L2 | Laboratory Rotation | Szabo      | Gyongyi      |
| <b>2753</b> | BBS | 850 | L2 | Laboratory Rotation | Szabo      | Gyongyi      |
| <b>2755</b> | BBS | 850 | L2 | Laboratory Rotation | Tapper     | Andrew       |
| <b>2756</b> | BBS | 850 | L2 | Laboratory Rotation | Terajima   | Masanori     |
| <b>2757</b> | BBS | 850 | L2 | Laboratory Rotation | Theurkauf  | William      |
| <b>2858</b> | BBS | 850 | L2 | Laboratory Rotation | Thompson   | Paul         |
| <b>2758</b> | BBS | 850 | L2 | Laboratory Rotation | Tissenbaum | Heidi        |
| <b>2830</b> | BBS | 850 | L2 | Laboratory Rotation | Trivedi    | Chinmay      |
| <b>3928</b> | BBS | 850 | L2 | Laboratory Rotation | Trivedi    | Chinmay      |
| <b>2754</b> | BBS | 850 | L2 | Laboratory Rotation | Tsuda      | Eva          |
| <b>3931</b> | BBS | 850 | L2 | Laboratory Rotation | Uknis      | Marc         |
| <b>2833</b> | BBS | 850 | L2 | Laboratory Rotation | Uknis      | Marc         |
| <b>2831</b> | BBS | 850 | L2 | Laboratory Rotation | Upshur     | Carole       |
| <b>2759</b> | BBS | 850 | L2 | Laboratory Rotation | Urano      | Fumihiko     |
| <b>2760</b> | BBS | 850 | L2 | Laboratory Rotation | Vanwijnen  | Andre        |
| <b>2761</b> | BBS | 850 | L2 | Laboratory Rotation | Volkert    | Michael      |
| <b>2762</b> | BBS | 850 | L2 | Laboratory Rotation | Waddell    | Scott        |
| <b>2763</b> | BBS | 850 | L2 | Laboratory Rotation | Walhout    | Albertha     |
| <b>2837</b> | BBS | 850 | L2 | Laboratory Rotation | Walker     | Amy          |
| <b>2764</b> | BBS | 850 | L2 | Laboratory Rotation | Walsh      | John Vincent |
| <b>2859</b> | BBS | 850 | L2 | Laboratory Rotation | Wang       | Donghai      |
| <b>2765</b> | BBS | 850 | L2 | Laboratory Rotation | Wang       | Yong Xu      |
| <b>2809</b> | BBS | 850 | L2 | Laboratory Rotation | Wang       | Jennifer     |
| <b>2810</b> | BBS | 850 | L2 | Laboratory Rotation | Waring     | Molly        |
| <b>2766</b> | BBS | 850 | L2 | Laboratory Rotation | Weaver     | David        |
| <b>2767</b> | BBS | 850 | L2 | Laboratory Rotation | Welsh      | Raymond      |
| <b>2768</b> | BBS | 850 | L2 | Laboratory Rotation | Weng       | Zhiping      |
| <b>2777</b> | BBS | 850 | L2 | Laboratory Rotation | Wolfe      | Scot         |
| <b>2769</b> | BBS | 850 | L2 | Laboratory Rotation | Woodland   | Robert       |
| <b>2836</b> | BBS | 850 | L2 | Laboratory Rotation | Xiang      | Yang         |
| <b>2770</b> | BBS | 850 | L2 | Laboratory Rotation | Xu         | Lan          |
| <b>2771</b> | BBS | 850 | L2 | Laboratory Rotation | Xu         | Zuoshang     |
| <b>2861</b> | BBS | 850 | L2 | Laboratory Rotation | Xue        | Wen          |
| <b>2772</b> | BBS | 850 | L2 | Laboratory Rotation | Yoshihara  | Motojiro     |
| <b>2811</b> | BBS | 850 | L2 | Laboratory Rotation | Young      | Stephen      |
| <b>2848</b> | BBS | 850 | L2 | Laboratory Rotation | Yu         | Hong         |
| <b>2773</b> | BBS | 850 | L2 | Laboratory Rotation | Zamore     | Phillip      |
| <b>2774</b> | BBS | 850 | L2 | Laboratory Rotation | Zapp       | Maria        |
| <b>2781</b> | BBS | 850 | L2 | Laboratory Rotation | Zeldovich  | Konstantin   |
| <b>2775</b> | BBS | 850 | L2 | Laboratory Rotation | Zhang      | Hong         |
| <b>2603</b> | BBS | 850 | L2 | Laboratory Rotation | Zhang      | Nanyin       |

|                                                                                                    |     |     |     |                                |               |            |
|----------------------------------------------------------------------------------------------------|-----|-----|-----|--------------------------------|---------------|------------|
| <b>2776</b>                                                                                        | BBS | 850 | L2  | Laboratory Rotation            | ZHUGE         | Ronghua    |
| <b>2839</b>                                                                                        | BBS | 850 | L2  | Laboratory Rotation            | Ziedonis      | Douglas    |
| PLEASE FIND BBS 870 and BBS 900 Class Numbers in the previous two class number lists for BBS & CTS |     |     |     |                                |               |            |
| <b>4011</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Aronin        | Neil       |
| <b>4012</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Bailey        | Jeffrey    |
| <b>4013</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Behar         | Samuel     |
| <b>4005</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Brewster      | Robert     |
| <b>4014</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Brown         | Robert     |
| <b>4008</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | CAVACINI      | Lisa Ann   |
| <b>4026</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Deligiannidis | Kristina   |
| <b>4015</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Gardner       | Paul       |
| <b>4016</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Golenbock     | Douglas    |
| <b>4009</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Kim           | Dohoon     |
| <b>4017</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Kurt-Jones    | Evelyn     |
| <b>4018</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Li            | Hong-Sheng |
| <b>4019</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Lien          | Egil       |
| <b>4020</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Rhind         | Nicholas   |
| <b>4021</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Richter       | Joel       |
| <b>4006</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | SCHAFER       | Dorothy    |
| <b>4022</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Shaw          | Leslie     |
| <b>4023</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Song          | Jie        |
| <b>4024</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Weng          | Zhiping    |
| <b>4007</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Xue           | Wen        |
| <b>4025</b>                                                                                        | BBS | 990 | MDP | Graduate Research              | Zamore        | Phillip    |
| <b>2586</b>                                                                                        | MDP | 990 | MDP | MD/PhD Grad.Res.Stu Post-Disse | Michelson     | Anne       |