

# Spring 2024 Course Catalog

Registration Period: 10/31/2023 – 11/21/2023

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# REGISTRATION INSTRUCTIONS

## Spring Registration Period

10/31/2023 – 11/21/2023

## Final Day for Add/Drops

1/12/2024

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

### To Begin Online Registration

Sign into PeopleSoft Campus Solutions (PSCS) with your UMass Chan credentials.

[https://pscs.wsa.umasscs.net/psc/prd/EMPLOYEE/SA/c/NUI\\_FRAMEWORK.PT\\_LANDINGPAGE.GBL](https://pscs.wsa.umasscs.net/psc/prd/EMPLOYEE/SA/c/NUI_FRAMEWORK.PT_LANDINGPAGE.GBL)

## A Note about Class Numbers

Please note course numbers (example: BBS 601) 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](#) or look up the class number in the online system to register for any Research or Tracking Course.

## ASSISTANCE

Before contacting GSBS administration, please review the information on the [GSBS Registration page](#). Everything you need to register, including what you should register for, can be found on this page.

## Assistance with Administrative Questions

### Basic Biomedical Sciences Students:

First Year: Contact [annette.stratton@umassmed.edu](mailto:annette.stratton@umassmed.edu)

Second Year and Beyond: Contact [mindy.donovan@umassmed.edu](mailto:mindy.donovan@umassmed.edu)

Clinical and Translational Sciences Students: Contact [Kelley.Baron@umassmed.edu](mailto:Kelley.Baron@umassmed.edu)

MD/PhD Students: Contact [Praneet.Mann@umassmed.edu](mailto:Praneet.Mann@umassmed.edu)

## Assistance with Electives

If you have questions regarding your program requirements or the selection of elective courses, you should review the [available online information](#); or meet with your [Graduate Program Director](#) or Thesis Advisor for clarification.

# CREDIT HOUR DEFINITIONS AND AUDIT PROCESS

Updated 10/1/2020

UMass Chan Medical School, which consists of its T.H. Chan School of Medicine, Tan Chingfen Graduate School of Nursing and Morningside Graduate School of Biomedical Sciences, fulfills the following Federal definition of a credit hour:

“Except as provided in 34 CFR 668.8(k) and (1), a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than –

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks for one semester or trimester hour of credit, or 10-12 weeks for one quarter hours of credit, or the equivalent amount of work over a different amount of time; or
2. At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution, including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.”

## Morningside Graduate School of Biomedical Sciences Course Credit Hour Assignments and Assessments

All new courses, their associated syllabi, methods of student evaluation and credit hours must be reviewed by the Morningside Graduate School of Biomedical Sciences Assembly Curriculum Committee. Once approved by this Committee, the course is presented for approval to the Morningside Graduate School of Biomedical Sciences Assembly, a body of representative faculty, students and administrators selected by each Program of Study and appointed by the Morningside Graduate School of Biomedical Sciences Dean. An approved course returns to the Morningside Graduate School of Biomedical Sciences Assembly for review only when the content, evaluation methodology or credit hours are significantly altered or when student evaluations of the course demand the attention of the Morningside Graduate School of Biomedical Sciences Dean, Morningside Graduate School of Biomedical Sciences Assembly and/or the faculty.

### Faculty and Student Notifications:

The credit hour assignments will be available on public websites where they can be accessed by individuals or offices with UMass Chan credentials for inclusion in appropriate materials. It will also be presented at relevant curriculum committee meetings to ensure faculty awareness.

The credit hour assignments are posted on the Morningside Graduate School of Biomedical Sciences internet site at:

1. <https://www.umassmed.edu/gsbs/academic-student-affairs/academic-milestones/courses/>
2. <https://www.umassmed.edu/gsbs/academics/>

### Examples of credit assignments:

- BBS719 – Cellular Biochemistry: This course meets during the spring semester for three hours of contact time each week (90 minutes/day, two days/week). A minimum of six hours preparation time is expected each week. This course is assigned three credits.
- BBS782 – Bases of Brain Disease: This course meets during the spring semester for two hours of contact time each week (120 minutes/day, one day/week). A minimum of four hours preparation time is expected each week. This course is assigned two credits.

- CTS603B – Statistical Methods for Survival and Longitudinal Analysis: This course meets during the spring semester for 4.5 hours of contact time each week (90 minutes/day, three days/week). A minimum of eight hours preparation time is expected each week. This course is assigned four credits.

# COURSE OFFERINGS

## Basic Biomedical Sciences Courses

### BBS 550 - Research Rotation (PREP) | Students will be automatically enrolled

Research 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.

**Prerequisites:** None

**Credits:** Variable

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Postbaccalaureate Research Education Program

## BBS 717- Structural Biology | Class #: 4920

Structural Biology has revolutionized biology. The purpose of this course is to provide graduate students with a detailed introduction to approaches for structural determination of macromolecules including protein crystallography, cryo electron microscopy (CryoEM), nuclear magnetic resonance (NMR) spectroscopy and small angle X-ray scattering (SAXS). Emphasis will be placed on both structural determination and analysis of dynamics, which can be crucial for macromolecular function. Normally, each week will include a 90 minute lecture that is supplemented with paper discussion or problem sets, whose time and venue will depend upon the activity.

**Prerequisites:** None

**Credits:** 2

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Biochemistry & Molecular Biotechnology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** Mondays 10 a.m. - noon

**Class Meeting Location:** TBD

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Kelch, Brian

**Course Director email:** brian.kelch@umassmed.edu

## BBS 718 - Regulatory RNA Biology | Class #4881

This course will cover current research in the general area of RNA biology. Topics include RNA synthesis; modification and processing pathways; RNA structure; RNA transport and subcellular localization; translational regulation; RNAi and microRNAs; RNA decay; RNA aptamers; RNA catalysts; RNA and early evolution; and RNA as a drug and/or drug target. The format of this course will center around group discussion of papers from the primary literature. Grading will be based on student attendance, performance in presentations and participation in group discussions.

**Prerequisites:** BBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Biochemistry & Molecular Biotechnology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting 1/17/2024; Wednesdays, 2-5 p.m.

**Class Meeting Location:** AS4-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

☒ Lecture/Discussion

☒ Participation

☒ Presentations

☐ Problem Sets

☐ Proposals

☐ Written Assignments

☐ Exams

☐ Other

**Course Director:** Zamore, Phillip

**Course Director email:** [Phillip.Zamore@umassmed.edu](mailto:Phillip.Zamore@umassmed.edu)

**Co-Course Director:** Korostelev, Andrei

**Co-Course Director email:** [andrei.korostelev@umassmed.edu](mailto:andrei.korostelev@umassmed.edu)

**Course Administrator:** Bernard-Cook, Marie

**Course Administrator email:** [Marie.BernardCook1@umassmed.edu](mailto:Marie.BernardCook1@umassmed.edu)



## BBS 719 - Cellular Biochemistry | Class #2125

Cellular Biochemistry takes an inside-out approach to teaching the molecular biological underpinnings of DNA replication, gene transcription, translation, metabolism, secretion, signaling, and other cell biology topics.

**Prerequisites:** None

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Biochemistry & Molecular Biotechnology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting 1/9/2024; Tuesdays and Thursdays 1 – 2:30 p.m.

**Class Meeting Location:** LRB-816

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☒ Problem Sets
- ☒ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Kobertz, William

**Course Director email:** [william.kobertz@umassmed.edu](mailto:william.kobertz@umassmed.edu)

**Course Administrator:** Lekas, Karen

**Course Administrator email:** [karen.lekas@umassmed.edu](mailto:karen.lekas@umassmed.edu)

## BBS 725 - Cancer Biology and Medicine | Class #2185

This course will provide students with a rigorous and comprehensive understanding of the mechanisms that underlie the genesis and progression of human cancers. It will build on the basic science knowledge acquired in the SIBR Course and establish an appreciation of cancer as a disease. The salient topics to be covered include cancer stem cells; oncogenes and tumor suppressor genes; tumor-host interactions, invasion and metastasis, cancer metabolism and anti-tumor immunity. A major theme of the course will be to integrate the biology of cancer with the clinical behavior of tumors and cancer therapy.

**Prerequisites:** None

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Cancer Biology Interdisciplinary

**Required Textbooks:** Weinberg, Robert A. The Biology of Cancer, 2nd Edition. Garland Science, Taylor & Francis Group, 2014. ISBN: 978-0815342205

**Recommended Textbooks:** None

**Class Meeting Information:** First class 1/9/2025; Tuesdays 9-10:40 a.m. and Thursdays 9-10:25 a.m.

**Class Meeting Location:** LRB 5th Floor Conference Room

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☐ Presentations
- ☒ Problem Sets
- ☒ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Ruscetti, Marcus

**Course Director email:** [Marcus.Ruscetti@umassmed.edu](mailto:Marcus.Ruscetti@umassmed.edu)

**Co-Course Director:** Pitarresi, Jason

**Co-Course Director email:** [Jason.Pitarresi@umassmed.edu](mailto:Jason.Pitarresi@umassmed.edu)

## BBS 755 - Infection and Immune Response | Class #1385

Infectious disease is among the strongest agents of natural selection, and adaptations constituting the armament of pathogens and the defense of the host involve many of the most fascinating mechanisms in biology. This course presents a modern view of the fundamental biology of bacterial and viral disease in the context of molecular mechanisms of host defense. A detailed knowledge of cellular and molecular components of the immune system will be integrated with current understanding of microbial virulence strategies, to provide a working understanding of biological mechanisms important in health and disease. The course is organized as three integrated sections focusing on the fields of virology, bacterial pathogenesis, and immunology. Students will obtain a background for advanced course work in each of these disciplines. We will focus on three themes; (1) basic properties of microbes and the innate and adaptive immune defenses that have evolved to respond to them, (2) the interplay—in both dynamic and evolutionary sense—between host defenses and microbial virulence, and (3) the mechanisms of pathogenesis during infection. Comparative clinical and epidemiological pictures of selected diseases will be presented, and will serve as a framework for development of key molecular, cellular, and physiological concepts.

**Additional Notes:** Blocks A, B, and C of BBS 755 will be taught in the following order B, A, C.

**Prerequisites:** BBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 4

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Immunology & Microbiology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** 1/4/2024 - 5/10/2024; Tuesdays 10:50 a.m. - noon; Thursdays 10:35 a.m. - noon; Fridays 10:30 a.m. - noon

**Class Meeting Location:** AS5-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☒ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☒ Exams *4 exams equally weighted, ~80% of total assessment*
- ☐ Other ☒

**Additional notes:** Course is divided into 3 blocks. Some students (not IMP students) register for a subset of them.

**Course Director:** Kowalik, Timothy

**Course Director email:** [Timothy.Kowalik@umassmed.edu](mailto:Timothy.Kowalik@umassmed.edu)

**Course Administrator:** Parker, Amy

**Course Administrator email:** [Amy.Parker@umassmed.edu](mailto:Amy.Parker@umassmed.edu)

## BBS 755A - Virology | Class #4882

Infectious disease is among the strongest agents of natural selection, and adaptations constituting the armament of pathogens and the defense of the host involve many of the most fascinating mechanisms in biology. This course presents a modern view of the fundamental biology of bacterial and viral disease in the context of molecular mechanisms of host defense. A detailed knowledge of cellular and molecular components of the immune system will be integrated with current understanding of microbial virulence strategies, to provide a working understanding of biological mechanisms important in health and disease. The course is organized as three integrated sections focusing on the fields of virology, bacterial pathogenesis, and immunology. BBS755a focuses on virology. Students will obtain a background for advanced course work in each of these disciplines. We will focus on three themes; (1) basic properties of microbes and the innate and adaptive immune defenses that have evolved to respond to them, (2) the interplay—in both dynamic and evolutionary sense—between host defenses and microbial virulence, and (3) the mechanisms of pathogenesis during infection. Comparative clinical and epidemiological pictures of selected diseases will be presented, and will serve as a framework for development of key molecular, cellular, and physiological concepts.

**Additional Notes:** Blocks A, B, and C of BBS 755 will be taught in the following order B, A, C.

**Prerequisites:** BBBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 1

**Grading Type:** Letter

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Immunology & Microbiology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** 2/8/2024-3/8/2024; Tuesdays 10:50 a.m. - noon; Thursdays 10:35 a.m. - noon; Fridays 10:30 a.m. - noon

**Class Meeting Location:** AS5-2072

**Assessment Modalities (only those checked)**

*Attendance is not a requirement of this course.*

☒ Lecture/Discussion

☐ Participation

☐ Presentations

☒ Problem Sets

☐ Proposals

☐ Written Assignments

☒ Exams Yes

☐ Other ☒

**Course Director:** Kowalik, Timothy

**Course Director email:** [Timothy.Kowalik@umassmed.edu](mailto:Timothy.Kowalik@umassmed.edu)

**Co-Course Director:** Morrison, Trudy

**Co-Course Director email:** [trudy.morrison@umassmed.edu](mailto:trudy.morrison@umassmed.edu)

**Course Administrator:** Parker, Amy

**Course Administrator email:** [Amy.Parker@umassmed.edu](mailto:Amy.Parker@umassmed.edu)

## BBS 755B - Bacterial Pathogenesis | Class #4883

Infectious disease is among the strongest agents of natural selection, and adaptations constituting the armament of pathogens and the defense of the host involve many of the most fascinating mechanisms in biology. This course presents a modern view of the fundamental biology of bacterial and viral disease in the context of molecular mechanisms of host defense. A detailed knowledge of cellular and molecular components of the immune system will be integrated with current understanding of microbial virulence strategies, to provide a working understanding of biological mechanisms important in health and disease. The course is organized as three integrated sections focusing on the fields of virology, bacterial pathogenesis, and immunology. BBS755b focuses on bacterial pathogenesis. Students will obtain a background for advanced course work in each of these disciplines. We will focus on three themes; (1) basic properties of microbes and the innate and adaptive immune defenses that have evolved to respond to them, (2) the interplay—in both dynamic and evolutionary sense—between host defenses and microbial virulence, and (3) the mechanisms of pathogenesis during infection. Comparative clinical and epidemiological pictures of selected diseases will be presented, and will serve as a framework for development of key molecular, cellular, and physiological concepts.

**Additional Notes:** Blocks A, B, and C of BBS 755 will be taught in the following order B, A, C.

**Prerequisites:** BBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 1

**Grading Type:** Letter

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Immunology & Microbiology

**Required Textbooks:** None

**Recommended Textbooks:** Jawetz, Melnick, & Adelberg's Medical Microbiology, 28e. 2019.

<https://accesspharmacy-mhmedical-com.umassmed.idm.oclc.org/book.aspx?bookid=2629>

Sherris Medical Microbiology, Seventh Edition. 2018

<https://accessmedicine-mhmedical-com.umassmed.idm.oclc.org/book.aspx?bookid=2268>

openstax Microbiology (Rice U)

<https://openstax.org/details/books/microbiology>

**Class Meeting Information:** 1/4/2024 - 2/6/2024; Tuesdays 10:50 a.m. - noon; Thursdays 10:35 a.m. - noon; Fridays 10:30 a.m. - noon

**Class Meeting Location:** AS5-2072

**Assessment Modalities (only those checked)**

*Attendance is a requirement of this course.*

☒ Lecture/Discussion

☒ Participation

☐ Presentations

☐ Problem Sets

☐ Proposals

☐ Written Assignments

☒ Exams 1 exam, 50% weight

☐ Other ☒

**Additional notes:** We use Teams for communication and assignments. Students should download and become familiar with Microsoft Teams prior to the start of the block.

**Course Director:** Kowalik, Timothy

**Course Director email:** [Timothy.Kowalik@umassmed.edu](mailto:Timothy.Kowalik@umassmed.edu)

**Co-Course Director:** Irazoqui, Javier

**Co-Course Director email:** [javier.irazoqui@umassmed.edu](mailto:javier.irazoqui@umassmed.edu)

**Course Administrator:** Parker, Amy

**Course Administrator email:** [Amy.Parker@umassmed.edu](mailto:Amy.Parker@umassmed.edu)

## BBS 755C - Immunology | Class #4884

Infectious disease is among the strongest agents of natural selection, and adaptations constituting the armament of pathogens and the defense of the host involve many of the most fascinating mechanisms in biology. This course presents a modern view of the fundamental biology of bacterial and viral disease in the context of molecular mechanisms of host defense. A detailed knowledge of cellular and molecular components of the immune system will be integrated with current understanding of microbial virulence strategies, to provide a working understanding of biological mechanisms important in health and disease. The course is organized as three integrated sections focusing on the fields of virology, bacterial pathogenesis, and immunology. BBS755c focuses on immunology. Students will obtain a background for advanced course work in each of these disciplines. We will focus on three themes; (1) basic properties of microbes and the innate and adaptive immune defenses that have evolved to respond to them, (2) the interplay—in both dynamic and evolutionary sense—between host defenses and microbial virulence, and (3) the mechanisms of pathogenesis during infection. Comparative clinical and epidemiological pictures of selected diseases will be presented, and will serve as a framework for development of key molecular, cellular, and physiological concepts.

**Additional Notes:** Blocks A, B, and C of BBS 755 will be taught in the following order B, A, C.

**Prerequisites:** BBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 2

**Grading Type:** Letter

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Immunology & Microbiology

**Required Textbooks:** None

**Recommended Textbooks:** <https://www-ncbi-nlm-nih-gov.umassmed.idm.oclc.org/books/NBK10757/>

**Class Meeting Information:** 3/21/2024-5/10/2024; Tuesdays 10:50 a.m. - noon; Thursdays 10:35 a.m. - noon; Fridays 10:30 a.m. - noon

**Class Meeting Location:** AS5-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

☒ Lecture/Discussion

☒ Participation

☐ Presentations

☐ Problem Sets

☐ Proposals

☐ Written Assignments

☒ Exams 2 exams

☐ Other ☒

**Course Director:** Kowalik, Timothy

**Course Director email:** [Timothy.Kowalik@umassmed.edu](mailto:Timothy.Kowalik@umassmed.edu)

**Co-Course Director:** Brehm, Michael

**Co-Course Director email:** [michael.brehm@umassmed.edu](mailto:michael.brehm@umassmed.edu)

**Course Administrator:** Parker, Amy

**Course Administrator email:** [Amy.Parker@umassmed.edu](mailto:Amy.Parker@umassmed.edu)

## BBS 764 - Systems and Computational Biology | Class #2361

This course examines topics across four short modules within the broader scope of systems biology. These modules are Gene Regulation, Network Biology, Genome Organization, and Mathematical and Quantitative Methods. In addition, this course has a hands-on component that teaches programming in the MatLab coding environment to analyze data and generate insights through computational approaches. No prior knowledge of computation is assumed and beginners are encouraged to enroll.

**Prerequisites:** BBBS 614 or BBS 748 (non-degree students) or course equivalent or coordinator's approval.

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒ Yes ☐ No

**Associated Program(s):** Interdisciplinary Bioinformatics & Computational Biology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting 1/12/2024; Mondays and Fridays 1 p.m. - 2:30 p.m.

**Class Meeting Location:** TBD

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☒ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Youk, Hyun

**Course Director email:** [Hyun.Youk@umassmed.edu](mailto:Hyun.Youk@umassmed.edu)

**Co-Course Director:** Garber, Manuel

**Co-Course Director email:** [Manuel.Garber@umassmed.edu](mailto:Manuel.Garber@umassmed.edu)



## BBS 780 - Cellular, Molecular and Developmental Neuroscience | Class #2415

This course has two parts. Part I focuses on electrical properties of neurons, transmitters, receptors, and neurotransmitter release. Part 2 focuses on neurodevelopment. Videos, problem sets, paper discussions and take-home assignments are integrated with subject introductions by faculty for efficient, but active learning. Modern methods and research preparations are introduced along with subject matter to prepare students for thesis research.

**Prerequisites:** BBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Neuroscience Interdisciplinary

**Required Textbooks:** None

**Recommended Textbooks:** Kandel, Eric R., John D Koester, Sarah H. Mack, Steven A. Siegelbaum. Principles of Neural Science. 6th edition. McGraw-Hill Medical, 2021. ISBN: 978-1-25-964224

**Class Meeting Information:** First class meeting is 1/2/2024; Tuesdays & Thursdays, 3-4:30 p.m.

**Class Meeting Location:** LRB 716

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☒ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Rittenhouse, Ann

**Course Director email:** [Ann.Rittenhouse@umassmed.edu](mailto:Ann.Rittenhouse@umassmed.edu)

## BBS 786 - Molecular Basis of Disease | Class #2029

The objective of this course is to introduce GSBS graduate students to approaches used to understand the molecular causes of representative diseases and application of such knowledge toward the design and implementation of rational therapies. The course focuses on variety of diseases, including neurodegenerative, cardiovascular, and metabolic diseases. Interspersed among these topics will be guest speakers who will discuss specific aspects of the drug design process and novel approaches to therapy, including gene-, RNA-, and cell-based interventions. Class discussions will also help prepare students to participate effectively in team-oriented translational science. Students will write a short NIH-style research proposal addressing a disease mechanism or therapy development of interest and defend the proposal during the last two weeks of class.

**Prerequisites:** BBS 614 or BBS 748 (non-degree students) or course equivalent

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Translational Science Biochemistry & Molecular Biotechnology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting 1/8/2024; Wednesdays 9 a.m. – 12 noon

**Class Meeting Location:** AS7-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☒ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Additional notes:** A list of scientific articles addressing the molecular and/or therapeutic aspects of disease will be provided at the beginning of the course. Generally, the faculty will summarize the background material to define the molecular basis of a clinical problem

**Course Director:** Mandrekar, Pranoti

**Course Director email:** [pranoti.mandrekar@umassmed.edu](mailto:pranoti.mandrekar@umassmed.edu)

**Co-Course Director:** Trivedi, Chinmay

**Co-Course Director email:** [chinmay.trivedi@umassmed.edu](mailto:chinmay.trivedi@umassmed.edu)

**Course Administrator:** Caseday, Catrina

**Course Administrator email:** [Catrina.Caseday@umassmed.edu](mailto:Catrina.Caseday@umassmed.edu)

## BBS 814 - Neuroscience Seminar | Class #4885

Participants in this course will attend the Program in Neuroscience Seminar Series. Attendance at > 60% of seminars in a semester is needed for a passing grade. Two semesters of Neuroscience Seminar are required for Neuroscience Program students.

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Neuroscience

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First meeting is 1/4/2024; Thursdays, noon-1 p.m.

**Class Meeting Location:** LRB-716

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☐ Participation
- ☐ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Weaver, David

**Course Director email:** [david.weaver@umassmed.edu](mailto:david.weaver@umassmed.edu)

## BBS 834 - Immunology and Microbiology Program Spring Seminar Series | Class #1847

Leading researchers present a weekly seminar on a basic or clinical immunology and microbial pathogenesis topic. Prior to the seminar, students read papers suggested by the seminar speaker and discuss the papers in class. Following the seminar, graduate students meet with the speaker for a discussion of the formal seminar. This course surveys the most important areas of basic and clinical immunology and microbial pathogenesis, including, but not limited to, antigen presentation; gene rearrangements; and expression of the genes for antigen receptors, immune tolerance, cytokines, immune cell development, immunodeficiency diseases, autoimmune diseases, human immune system malignancies; and immune response to infectious agents such as viruses, parasites and bacteria.

**Prerequisites:** BBS755 - Infection and Immune Response

**Credits:** 2

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Immunology & Microbiology

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class 1/11/2024; Thursdays 10 – 11 a.m. (Pre-seminar discussions); Thursdays 12 – 1 p.m. (Luncheons); Thursdays 3-4 p.m. (Seminars)

**Class Meeting Location:** Thursdays 10 – 11 a.m. and 12 – 1 p.m. meet in LRB.101; Thursdays 3 – 4 p.m. meet in AS8.2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☒ Other *Students must volunteer at least once to host a speaker*

**Course Director:** Irazoqui, Javier

**Course Director email:** [Javier.Irazoqui@umassmed.edu](mailto:Javier.Irazoqui@umassmed.edu)

**Co-Course Director:** Huseby, Eric; Silverman, Neal; Quinton, Lee; Clayton, Kiera; Bucci, Vanni

**Co-Course Director email:** [eric.huseby@umassmed.edu](mailto:eric.huseby@umassmed.edu); [neal.silverman@umassmed.edu](mailto:neal.silverman@umassmed.edu); [lee.quinton@umassmed.edu](mailto:lee.quinton@umassmed.edu); [Kiera.clayton@umassmed.edu](mailto:Kiera.clayton@umassmed.edu); [vanni.bucci@umassmed.edu](mailto:vanni.bucci@umassmed.edu)

**Course Administrator:** Schutz, Julie

**Course Administrator email:** [Julie.Schutz@umassmed.edu](mailto:Julie.Schutz@umassmed.edu)

## BBS 848 - Tutorial in Neuroscience | Class #4886

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 one or more faculty members. 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 (David Weaver). Tutorials are arranged by students with individual faculty members before registering for this course. Students may re-enroll for multiple tutorials.

**Prerequisites:** Permission from Neuroscience Program Director

**Credits:** 1

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

**Fulfills an elective requirement:** ☐ Yes ☒ No

**Associated Program(s):** Neuroscience

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First meeting 1/4/2024; meeting schedule to be determined

**Class Meeting Location:** TBD

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

☐ Lecture/Discussion

☒ Participation

☒ Presentations

☐ Problem Sets

☐ Proposals

☐ Written Assignments

☐ Exams

☒ Other *Discussion and attendance*

**Additional notes:** Expected effort for one credit is 15 contact hours

**Course Director:** Weaver, David

**Course Director email:** [david.weaver@umassmed.edu](mailto:david.weaver@umassmed.edu)

## **BBS 850 - Research Rotation | Class # See class no. list**

Research 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.

**Prerequisites:** None

**Credits:** Variable

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Basic & Biomedical Sciences

## **BBS 865 - BBS TRAC Meeting | Class #3459**

All graduate students are required to have at least one Thesis Research Advisory Committee (TRAC) meeting each academic year. After passing their Qualifying Examination and selection of their TRAC, students are required to register for this course each fall semester until their Dissertation Advisory Committee is formed.

MD/PhD Goals: 1) To periodically review progress along thesis research project advised by content experts 2) To provide guidance for establishing a thesis research project consistent with the MD/PhD Program goals

MD/PhD Curricular Expectations: Two Thesis Research Advisory Committee (TRAC) meeting each academic year as define by the Professionalism Benchmark Checklist

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Basic & Biomedical Sciences

## **BBS 870 - Prequalifying Research | Class # See class no. list**

This course is for students who have selected a program and thesis advisor but who have not yet passed the Qualifying Examination.

**Prerequisites:** None

**Credits:** 9

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Basic & Biomedical Sciences

## **BBS 900 - Thesis Research | Class # See class no. list**

Students register for Thesis Research fall term of year three of the program (MD/PhD Students: Fall term of year four in the program), after passing the Qualifying Exam.

**Prerequisites:** None

**Credits:** 12

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Basic & Biomedical Sciences

## **BBS 990 - Graduate Research | Class # See class no. list**

Students register for Graduate Research fall term of year four (MD/PhD Students: Fall term of year five+) in the PhD Program and will continue to register each semester until they complete all remaining requirements.

**Prerequisites:** None

**Credits:** 0

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Basic & Biomedical Sciences

## Clinical and Translational Science Courses

### CTS 550 - Research Assistantship | Class # See class no. list

Research 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.

**Prerequisites:** N/A

**Credits:** Variable

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Postbaccalaureate Research Education Program



## CTS 602A - Advanced Epidemiology & Research Methods | Class #4887

Building on basic skills in epidemiology and scientific research methods, this course will cover research design, including hypothesis development, measurement, and analysis. Students will explore methodological strengths of various quantitative and qualitative techniques and designs. Students will have three examinations, weekly problem sets and assignments to develop original research approaches to specific scientific and clinical questions.

**Prerequisites:** CTS605A or equivalent or permission from course director

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** Lash, T. L., VanderWeele, T. J., Haneuse, S., Rothman, K. J. (2021). Modern Epidemiology, Fourth Edition. Philadelphia: Wolters Kluwer. 978-1-4511-9328-2

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting is 1/16/2024; Tuesdays and Thursdays, 9-10:20 a.m.

**Class Meeting Location:** AS9-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☒ Problem Sets
- ☐ Proposals
- ☐ Written Assignments
- ☒ Exams 2 exams; 25% each, 50% Total
- ☐ Other ☒

**Additional notes:** The course will be run in hybrid synchronous mode. PhD students are expected to attend in-person.

**Course Director:** Nunes, Anthony

**Course Director email:** [anthony.nunes@umassmed.edu](mailto:anthony.nunes@umassmed.edu)

**Co-Course Director:** Lapane, Kate

**Co-Course Director email:** [Kate.Lapane@umassmed.edu](mailto:Kate.Lapane@umassmed.edu)

**Course Administrator:** Baron, Kelley

**Course Administrator email:** [Kelley.baron@umassmed.edu](mailto:Kelley.baron@umassmed.edu)

## CTS 603A - Generalized Linear Models | Class #3495

This course provides an overview of multivariable analysis and advanced analytical strategies for clinical and population health research. Emphasis is on developing an understanding of multivariable modeling in the context of linear, logistic and Poisson regression. Computational lab assignments and two exams will be completed.

**Prerequisites:** CTS605A, Introduction to Statistics or permission from course coordinator

**Credits:** 4

**Grading Type:** Letter

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** Kleinbaum, D. G. (2008). Applied regression analysis and other multivariable methods. Belmont: Thomson Brooks Cole. ISBN-13: 978-0-495-38496-0

Kleinbaum, D. G., & Klein, M. (2010). Logistic regression: a self-learning text. New York: Springer. ISBN: 978-

**Recommended Textbooks:** Acock, A. C. (2010). A gentle introduction to stata. College Station, TX: Stata Press. ISBN: 978-1-59718-269-0

**Class Meeting Information:** 1/16/2024 – 5/2/2024; Class on Tues/Thursdays 10:30-11:50 a.m.; Computing lab Wednesdays 3:30-4:30 p.m.

**Class Meeting Location:** AS9-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

☒ Lecture/Discussion

☒ Participation

☐ Presentations

☒ Problem Sets

☐ Proposals

☒ Written Assignments

☒ Exams 2 Exams, 50% of grade

☒ Other Take home Final 20%☒

**Course Director:** Lee, JungAe

**Course Director email:** [JungAe.Lee@umassmed.edu](mailto:JungAe.Lee@umassmed.edu)

**Course Administrator:** Baron, Kelley

**Course Administrator email:** [kelly.baron@umassmed.edu](mailto:kelly.baron@umassmed.edu)

## CTS 611 - Scientific Writing | Class #3425

This course teaches students how to develop a peer reviewed scientific manuscript, through the review of elements of style, authorship and extent of information that needs to be incorporated into a scientific research paper. Students will learn how to develop the elements that go into a successful scientific manuscript, submit an article for peer review and respond to reviewers' concerns. During each session, students will critique the work of others enrolled in the course to obtain hands on experience in the write-up of the introduction, methods, results and discussion sections of a manuscript. This course will also teach students how to put together a successful oral, as well as poster, scientific presentation.

**Prerequisites:** None

**Credits:** 3

**Grading Type:** Letter

**Fulfills an elective requirement:** ☐ Yes ☒ No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** None

**Recommended Textbooks:** Byrne, D. W. (1998). Publishing your medical research paper: What they don't teach in medical school. Baltimore: Williams & Wilkins. ISBN: 0-683-30074-1

Browner, W. S. (2006). Publishing and presenting clinical research. Philadelphia, PA: Lippincott Williams and Wilkins. ISBN: 0-7817-9506-0

Essentials of Writing Biomedical Research Papers, Second Edition, Mimi Zeiger (ISBN 978-0071345446) 1999

Writing and Publishing in Medicine, Third Edition, Edward J. Huth (ISBN 0683404474) 1998

**Class Meeting Information:** First meeting 1/16/2024; Tuesdays 8-9 a.m.

**Class Meeting Location:** Online

**Assessment Modalities (only those checked)**

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Goldberg, Robert

**Course Director email:** [robert.goldberg@umassmed.edu](mailto:robert.goldberg@umassmed.edu)

**Co-Course Director:** Lapane, Kate

**Co-Course Director email:** [kate.lapane@umassmed.edu](mailto:kate.lapane@umassmed.edu)

**Course Administrator:** Baron, Kelley

**Course Administrator email:** [kelley.baron@umassmed.edu](mailto:kelley.baron@umassmed.edu)

## CTS 727 - Use of Existing Population-Based Public Health and Health Care Data | Class #4890

Students will become familiar with existing population-based public health, electronic medical record and claims data. Topics include advantages and disadvantages, complex sampling and weighting, and obtaining limited-access data. Using a population-based dataset, students will develop and implement an analytic plan to answer a research question of their choosing.

**Prerequisites:** CTS 605A or permission of the course director

**Credits:** 2

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒ Yes ☐ No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First meeting 1/17/2024; Wednesdays 10 a.m. - noon

**Class Meeting Location:** AS9-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Liu, ShaoHsien

**Course Director email:** [ShaoHsien.Liu@umassmed.edu](mailto:ShaoHsien.Liu@umassmed.edu)

**Co-Course Director:** Lapane, Kate

**Co-Course Director email:** [kate.lapane@umassmed.edu](mailto:kate.lapane@umassmed.edu)

**Course Administrator:** Baron, Kelley

**Course Administrator email:** [kelly.baron@umassmed.edu](mailto:kelly.baron@umassmed.edu)

## CTS 731 - Social and Behavioral Determinants of Health | Class #4765

The purpose of this class is to learn models of disease prevention; multilevel determinants of health behaviors; and major theories of health behavior change and their application to interventions to address major public health problems.

**Prerequisites:** None

**Credits:** 2

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting 1/16/2024; Tuesday, 1:30-3:30 p.m.

**Class Meeting Location:** AS9-2072

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Lemon, Stephenie

**Course Director email:** [Stephenie.Lemon@umassmed.edu](mailto:Stephenie.Lemon@umassmed.edu)

**Co-Course Director:** Goulding, Melissa

**Co-Course Director email:** [Melissa.Goulding@umassmed.edu](mailto:Melissa.Goulding@umassmed.edu)

**Course Administrator:** Raymond, Donna

**Course Administrator email:** [donna.raymond@umassmed.edu](mailto:donna.raymond@umassmed.edu)

## CTS 732 - Qualitative Methods for Health Research | **CANCELLED**

This course examines use of qualitative methods in qualitative studies or mixed-qualitative/quantitative studies. Essential qualitative research components are explored: theory, rigor, research questions, data collection methods, data collection using open-ended techniques, sampling, data coding and analysis (focusing on thematic analysis), publishing and writing proposals. Students apply concepts covered in class by developing an original qualitative study.

**Prerequisites:** None

**Credits:** 2

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** Tolley EE, Ulin PR, Mack N, Robinson ET, Succop SM. Qualitative Methods in Public Health: A Field Guide for Applied Research, Second Edition. San Francisco: Wiley, 2016. ISBN 9781118834503

**Recommended Textbooks:** Braun V, Clarke V. Thematic Analysis: A Practical Guide. Thousand Oaks, CA: Sage, 2022. ISBN 978-14739-5324-6

Richards L. Handling Qualitative Data: A Practical Guide, Third Edition. Thousand Oaks, CA: Sage, 2015 . ISBN-13: 978-1446276068, ISBN-10: 1446276066

**Class Meeting Information:** First class 1/18/2024; Thursdays, 12:30-2:30 p.m.

**Class Meeting Location:** AS9-2072

### **Assessment Modalities (only those checked)**

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Additional notes:** In Person, Hi Flex

**Course Director:** Dube, Catherine

**Course Director email:** [catherine.dube@umassmed.edu](mailto:catherine.dube@umassmed.edu)

**Course Administrator:** Baron, Kelley

**Course Administrator email:** [kelly.baron@umassmed.edu](mailto:kelly.baron@umassmed.edu)

## CTS 734 - Place and Health | **CANCELLED**

In this class, we will explore the influence of place on population health, including physical environment (e.g., air, water, soil, food), built environment (e.g., neighborhood structure, traffic, green space), social environment (e.g., cohesion, safety, deprivation, segregation), and legal and civic structure (e.g., policy, law, representation). We will also learn to implement (and critique) methodologic approaches that are particularly adapted to understanding how individuals and places interact, specifically multilevel thinking and modeling, and spatial analytic methods.

**Prerequisites:** CTS 605A (corequisite) or permission of the course director

**Credits:** 2

**Grading Type:** Letter

**Fulfills an elective requirement:** ☒ Yes ☐ No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** Thursdays, 2:30-4:20 p.m.

**Class Meeting Location:** AS9-2072

### **Assessment Modalities (only those checked)**

*Attendance is not a requirement of this course.*

- ☒ Lecture/Discussion
- ☐ Participation
- ☒ Presentations
- ☒ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Additional notes:** Although attendance is not required, and participation is not part of the grade, the class is highly interactive and best served with in-person attendance whenever possible.

**Course Director:** Jesdale, William

**Course Director email:** [william.jesdale@umassmed.edu](mailto:william.jesdale@umassmed.edu)

## CTS 799 - Independent Study | Class # See class no. list

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 that of a regular three-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.

**Prerequisites:** Permission of Associate Dean for PHS & course coordinator.

**Credits:** 1-6 (variable)

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

**Fulfills an elective requirement:** ☒Yes ☐No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

**Required Textbooks:** None

**Recommended Textbooks:** None

**Assessment Modalities (only those checked)**

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☐ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☒ Other *One on one discussions weekly*

## CTS 850 - Research Assistantship | Class # See class no. list

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.

**Prerequisites:** None

**Credits:** 4

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences



## CTS 860A - Written Qualifying Exam | Class #3397

This course number is used for students sitting for the written qualifying exam—an evaluation milestone typically conducted in December of their second year of graduate study.

**Prerequisites:** N/A

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences

## CTS 860B - Oral Qualifying Exam | Class #3381

This course number is used for students who will defend their dissertation proposal. Students should register for this either in the Spring or Summer of their second year of graduate studies.

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences

## CTS 865 - TRAC Meeting | Class #3103

All graduate students are required to have a TRAC meeting each academic year in the Fall. After passing their Written and Oral Qualifying Exams in January of the second year, students are required to register for this course each Fall semester until their Dissertation Examination Committee is formed.

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

## CTS 870 - Pre-Thesis Research | Class # See class no. list

This course is for students who have selected a program and thesis advisor but who have not yet passed their Qualifying Examination.

**Prerequisites:** None

**Credits:** Variable

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

## CTS 875 - Proposal Development | Class #3371

The purpose of this course is to allow PHS PhD students to gain experience writing grant proposals in a systematic fashion under faculty guidance. The course includes overviews of the grant process, participation in a mock proposal review session, and the completion of each of the written scientific components of proposals.

**Prerequisites:** CTS702, CTS602A, CTS 602B, CTS603A, CTS 603B or permission of instructor

**Credits:** 3

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** First class meeting 1/17/2024; Wednesdays, 12:30-3:30pm

**Class Meeting Location:** AS6-2069

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☒ Lecture/Discussion
- ☒ Participation
- ☒ Presentations
- ☐ Problem Sets
- ☒ Proposals
- ☒ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Epstein, Mara

**Course Director email:** [mara.epstein@umassmed.edu](mailto:mara.epstein@umassmed.edu)

**Course Administrator:** Baron, Kelley

**Course Administrator email:** [kelly.baron@umassmed.edu](mailto:kelly.baron@umassmed.edu)

## **CTS 900 - Thesis Research | Class # See class no. list**

Students register for Thesis Research after passing a Qualifying Examination. They will take Thesis Research each semester until they have accumulated 90 credits.

**Prerequisites:** None

**Credits:** Variable

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

## **CTS 990 - Graduate Research | Class # See class no. list**

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.

**Prerequisites:** None

**Credits:** 0

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** Population Health Sciences; MS Clinical Investigation

## MD/PhD Courses

### MDP 740A - Developing Solutions To Research Problems A - Year One | Class #2879

**Course Goal:** This course is designed to help students discern study design approaches appropriate to the area of inquiry, consider biological variability in study design, prospectively design, and select valid data collection instruments, prospectively identify appropriate statistical methodologies and alternative analytical approaches, identify data sharing and publication strategies, accurately communicate facts and interpret results, and fairly acknowledge specific contributions to research studies. As part of the course, students are expected to achieve a minimum competency in a programming language such as “R”. These course activities will be conducted in a manner that enables the student’s intellectual contribution to the University’s academic and research functions.

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** MD/PhD

**Required Textbooks:** None

**Recommended Textbooks:** None

**Class Meeting Information:** 1/8/2024, 1-3 p.m.; 1/22/2024, 3-5 p.m.; 1/29/2024, 1-3 p.m.; 3/4/2024, 3-5 p.m.;

3/11/2025, 1-3 p.m.; 4/22/2024, 1-3 p.m.

**Class Meeting Location:** AS9-2072

#### **Assessment Modalities (only those checked)**

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☐ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☐ Other

**Additional notes:** This course is taken during the fall, spring, and summer semesters of year one.

**Course Director:** Kiefe, Catarina

**Course Director email:** [catarina.kiefe@umassmed.edu](mailto:catarina.kiefe@umassmed.edu)

**Co-Course Director:** Watts, Jonathan

**Co-Course Director email:** [Jonathan.Watts@umassmed.edu](mailto:Jonathan.Watts@umassmed.edu)

**Course Administrator:** Saber, Judi

**Course Administrator email:** [Judi.Saber@umassmed.edu](mailto:Judi.Saber@umassmed.edu)

## MDP 740B - Developing Solutions To Research Problems B - Year Two | Class # See class no. list

Course Goals: Facilitate application of standards and requirements for rigor and responsibility and research as applied to the student's potential thesis project. In coordination with identified Thesis advisor, the student will elaborate thoughts on questions/problem to be analyzed, approaches to hypothesis generation, strategy for hypothesis testing, and strategy for data storage, analysis, and reporting. These course activities will be conducted in a manner that enables the student's intellectual contribution to the University's academic and research functions.

### Learning Objectives:

- Identify the question or problem that is the topic of the research
- To enumerate current hypotheses related to the research question
- To justify the need for further hypothesis generation
- To explain how specific hypotheses will be derived from hypothesis generating approach
- To define the timeline for hypothesis generation
- To describe specific assays to test specific hypothesis
- To describe and justify statistical tests that will be used
- To describe how reproducibility will be ensured
- To describe where and how data will be stored
- To describe anticipated timelines for reporting and publication

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** MD/PhD

**Required Textbooks:** None

**Recommended Textbooks:** None

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☐ Presentations
- ☐ Problem Sets
- ☒ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Kay, Jonathan

**Course Director email:** [jonathan.kay@umassmemorial.org](mailto:jonathan.kay@umassmemorial.org)

## MDP 740C - Developing Solutions To Research Problems C - Year Three | Class #2881

**Course Goals:** The goal for the course is to continue to support MD/PhD student connection to research activities during their Core Clinical Experiences (CCE). This will allow the student to conduct research in a manner that enables their intellectual contribution to the University's academic and research functions. The second goal is to support students in preparing to apply to research intensive residency programs. These activities will involve a minimum of one hour per week over the course of the semester (15 hours total).

### Learning Objectives:

- Propose an approach to investigate novel research questions arising from their clinical observations
- Continue interactions with Thesis lab to conclude potential in progress research publications
- In consultation with MD/PhD mentors, explore potential areas of specialization that will be compatible with long term research career goals
- In consultation with MD/PhD mentors and Thesis advisor, work on Personal Statement appropriate for application to residency programs

### Curricular Expectations:

The student will develop a presentation appropriate for the requirement for the Capstone Scholarship Discovery Program.

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** MD/PhD

**Required Textbooks:** None

**Recommended Textbooks:** None

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☐ Presentations
- ☐ Problem Sets
- ☒ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Kay, Jonathan

**Course Director email:** [jonathan.kay@umassmemorial.org](mailto:jonathan.kay@umassmemorial.org)

## MDP 741 - Introduction to Translational Medicine | Class #2875

**Course Goals:** The MD/PhD program stresses the importance of maintaining clinical involvement during students' dissertation research. The first goal of this course is to allow students to maintain clinical skills in a variety of clinical settings. The second goal is to help students identify an appropriate specialty in which to pursue residency training. Sessions should reinforce clinical skills learned during the first two years of medical school, as well as during the first 16 weeks of Core Clinical Experiences (CCE).

**Curricular Expectations:** Students will engage in a minimum 15 hours of clinical experiences during each of the fall, spring, and summer terms. Students will also participate in the Physician Scientist Forum, which is held weekly on Monday evenings. Students will be evaluated by their designated Learning Community MD/PhD mentor at the end of each term.

Prior to the end of each term during their dissertation research, students will record their clinical hours in the OASIS system using a dedicated form that will include the date, time, term, preceptor, and number of hours.

Preceptors must have a faculty appointment at UMass Medical School, and clinical sessions must take place at a facility that is affiliated with UMass Medical School. The student's designated Learning Community MD/PhD mentor must approve the choice of preceptor.

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

**Credits:** 1

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

**Fulfills an elective requirement:** ☐ Yes ☒ No

**Associated Program(s):** MD/PhD

**Required Textbooks:** None

**Recommended Textbooks:** None

### **Assessment Modalities (only those checked)**

*Attendance is a requirement of this course.*

- ☐ Lecture/Discussion
- ☒ Participation
- ☐ Presentations
- ☐ Problem Sets
- ☐ Proposals
- ☐ Written Assignments
- ☐ Exams
- ☐ Other

**Course Director:** Kay, Jonathan

**Course Director email:** [Jonathan.Kay@umassmemorial.org](mailto:Jonathan.Kay@umassmemorial.org)

## MDP 800 - MD/PhD Physician Scientist Forum | Class #2877

### Course Goals:

- To foster skills that MD/PhD students need to be maximally competitive for research intensive residency programs.
- To guide MD/PhD students regarding postgraduate training opportunities through interactions with residents, fellows, and faculty.
- To highlight connections between basic and clinical science through the presentation and discussion of patient cases.
- To expose postgraduate trainees to research conducted by MD/PhD students and promote opportunities for potential collaboration.

**Curricular Expectations:** This seminar is offered weekly for 1.5 hours every Monday evening. It is organized by MD/PhD students, and participation is required of students in all years of the MD/PhD program who are not otherwise scheduled for clinical rotations.

**Prerequisites:** None

**Credits:** 1

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** MD/PhD

**Required Textbooks:** None

**Recommended Textbooks:** None

### Assessment Modalities (only those checked)

*Attendance is a requirement of this course.*

☒ Lecture/Discussion

☒ Participation

☒ Presentations

☐ Problem Sets

☐ Proposals

☐ Written Assignments

☐ Exams

☐ Other

**Additional notes:** Zoom links provided to participants in advance of meeting.

**Course Director:** Kay, Jonathan

**Course Director email:** [jonathan.kay@umassmemorial.org](mailto:jonathan.kay@umassmemorial.org)



## **MDP 990 - MD/PhD Graduate Research for Students Post-Dissertation | Class #3559**

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.

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

**Credits:** 0

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

**Fulfills an elective requirement:** ☐Yes ☒No

**Associated Program(s):** MD/PhD

# CLASS NUMBER LIST

## Basic Biomedical Sciences Class Number List

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4920	BBS	717	1	Structural Biology	Kelch	Brian
4881	BBS	718	1	Regulatory RNA Biology	Zamore	Phillip
2125	BBS	719	1	Cellular Biochemistry	Kobertz	William
2185	BBS	725	1	Cancer Biology and Medicine	Ruscetti	Marcus
1385	BBS	755	1	Infection and Immune Response	Kowalik	Timothy
4882	BBS	755A	1	Virology	Kowalik	Timothy
4883	BBS	755B	1	Bacterial Pathogenesis	Kowalik	Timothy
4884	BBS	755C	1	Immunology	Kowalik	Timothy
2361	BBS	764	1	Systems&Computational Biology	Youk	Hyun
2415	BBS	780	1	Cellular, Mol. & Dev. Neurosci	Rittenhouse	Ann
2029	BBS	786	1	Molecular Basis of Disease	Mandrekar	Pranoti
4885	BBS	814	1	Neuroscience Seminar	Weaver	David
1847	BBS	834	1	Immunobio & Virology Spr Sem	Irazoqui	Javier Elbio
4886	BBS	848	1	Tutorial in Neuroscience	Weaver	David
3525	BBS	850	1	Research Rotation	Rashighi Firoozabadi	Mehdi
4401	BBS	850	L1	Research Rotation	Abdennur	Nezar
1235	BBS	850	L1	Research Rotation	Alkema	Mark
1005	BBS	850	L1	Research Rotation	Ambros	Victor
1247	BBS	850	L1	Research Rotation	Aroian	Raffi
1007	BBS	850	L1	Research Rotation	Aronin	Neil
4755	BBS	850	L1	Research Rotation	Atukorale	Prabhani
3589	BBS	850	L1	Research Rotation	Ayers	David
1295	BBS	850	L1	Research Rotation	Bach	Ingolf
1009	BBS	850	L1	Research Rotation	Baehrecke	Eric
4405	BBS	850	L1	Research Rotation	Barton	Bruce
1243	BBS	850	L1	Research Rotation	Behar	Samuel
1209	BBS	850	L1	Research Rotation	Benanti	Jennifer
1221	BBS	850	L1	Research Rotation	Bergmann	Andreas
3593	BBS	850	L1	Research Rotation	Bogdanov	Alexei

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1311	BBS	850	L1	Research Rotation	Bogunovic	Milena
1011	BBS	850	L1	Research Rotation	Bolon	Daniel
1175	BBS	850	L1	Research Rotation	Bosco	Daryl
3597	BBS	850	L1	Research Rotation	Boudreaux	Edwin
1357	BBS	850	L1	Research Rotation	Boulting	Gabriella
1189	BBS	850	L1	Research Rotation	Brehm	Michael
1255	BBS	850	L1	Research Rotation	Brewster	Robert
1317	BBS	850	L1	Research Rotation	Brodsky	Michael
1177	BBS	850	L1	Research Rotation	Brown	Robert
1307	BBS	850	L1	Research Rotation	Bucci	Vanni
1013	BBS	850	L1	Research Rotation	Budnik	Vivian
1265	BBS	850	L1	Research Rotation	Byrne	Alexandra Catherine
3603	BBS	850	L1	Research Rotation	Caffrey	Daniel
1015	BBS	850	L1	Research Rotation	Cantor	Sharon
4409	BBS	850	L1	Research Rotation	Caricchio	Roberto
1017	BBS	850	L1	Research Rotation	Castilla	Lucio
1259	BBS	850	L1	Research Rotation	Cavacini	Lisa
1197	BBS	850	L1	Research Rotation	Ceol	Craig
3607	BBS	850	L1	Research Rotation	Chan	Yingleong
1019	BBS	850	L1	Research Rotation	Clark	Robin
1359	BBS	850	L1	Research Rotation	Clayton	Kiera
4799	BBS	850	L1	Research Rotation	Cochran	David
1349	BBS	850	L1	Research Rotation	Colubri	Andres
4413	BBS	850	L1	Research Rotation	Conte	Darryl
1021	BBS	850	L1	Research Rotation	Corvera	Silvia
3609	BBS	850	L1	Research Rotation	Craig	Roger
4729	BBS	850	L1	Research Rotation	Cutrona	Sarah
1023	BBS	850	L1	Research Rotation	Czech	Michael Paul
1025	BBS	850	L1	Research Rotation	Davis	Roger
1027	BBS	850	L1	Research Rotation	Dekker	Job
4807	BBS	850	L1	Research Rotation	Dominov	Janice

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1291	BBS	850	L1	Research Rotation	Donahue	John
4417	BBS	850	L1	Research Rotation	Dunn	Raymond
4421	BBS	850	L1	Research Rotation	Dutton	Richard
4245	BBS	850	L1	Research Rotation	Edmiston	Elliot
4425	BBS	850	L1	Research Rotation	Ellison	Richard
1341	BBS	850	L1	Research Rotation	Emerson	Charles
1029	BBS	850	L1	Research Rotation	Emery	Patrick
3613	BBS	850	L1	Research Rotation	Fang	Wenwen
1201	BBS	850	L1	Research Rotation	Fazzio	Thomas
4429	BBS	850	L1	Research Rotation	Fisher	Daniel
1031	BBS	850	L1	Research Rotation	Fitzgerald	Katherine
1301	BBS	850	L1	Research Rotation	Fitzgerald	Thomas
1323	BBS	850	L1	Research Rotation	Flavahan	William
3615	BBS	850	L1	Research Rotation	Floreskim	Josue
1033	BBS	850	L1	Research Rotation	Flotte	Terence
1035	BBS	850	L1	Research Rotation	Francis	Michael
3619	BBS	850	L1	Research Rotation	Frazier	Jean
4693	BBS	850	L1	Research Rotation	Fu	Accalia
1211	BBS	850	L1	Research Rotation	Futai	Kensuke
4433	BBS	850	L1	Research Rotation	Gallucci	Stefania
1199	BBS	850	L1	Research Rotation	Gao	Fen-Biao
1037	BBS	850	L1	Research Rotation	Gao	Guangping
1229	BBS	850	L1	Research Rotation	Garber	Manuel
4437	BBS	850	L1	Research Rotation	Gazzinelli	Ricardo
3631	BBS	850	L1	Research Rotation	Gerstein	Rachel
3635	BBS	850	L1	Research Rotation	Ginns	Edward
1039	BBS	850	L1	Research Rotation	Goldberg	Robert Joel
1041	BBS	850	L1	Research Rotation	Golenbock	Douglas
1043	BBS	850	L1	Research Rotation	Gottlinger	Heinrich
3639	BBS	850	L1	Research Rotation	Gounis	Matthew
1303	BBS	850	L1	Research Rotation	Grayedwards	Heather Leigh

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3643	BBS	850	L1	Research Rotation	Green	Sharone
3647	BBS	850	L1	Research Rotation	Greer	Paul Lieberman
1047	BBS	850	L1	Research Rotation	Greiner	Dale
1343	BBS	850	L1	Research Rotation	Grigorieff	Nikolaus
1227	BBS	850	L1	Research Rotation	Grunwald	David
1191	BBS	850	L1	Research Rotation	Guertin	David
4845	BBS	850	L1	Research Rotation	Hafer	Nathaniel
3649	BBS	850	L1	Research Rotation	Hall-Anderson	Lisa
3653	BBS	850	L1	Research Rotation	Han	Gang
1363	BBS	850	L1	Research Rotation	Haran	John
4441	BBS	850	L1	Research Rotation	Harlan	David
4445	BBS	850	L1	Research Rotation	Harris	John
1271	BBS	850	L1	Research Rotation	Haynes	Cole
1049	BBS	850	L1	Research Rotation	Hayward	Lawrence
4247	BBS	850	L1	Research Rotation	Hemming	Matthew
4449	BBS	850	L1	Research Rotation	Hendricks	Gregory
1297	BBS	850	L1	Research Rotation	Henninger	Nils
3655	BBS	850	L1	Research Rotation	Houghton	Jeanmarie
3513	BBS	850	L1	Research Rotation	Humphries	Fiachra Emanuel
1051	BBS	850	L1	Research Rotation	Huseby	Eric
1053	BBS	850	L1	Research Rotation	Imbalzano	Anthony
3673	BBS	850	L1	Research Rotation	Iorio	Ronald
1055	BBS	850	L1	Research Rotation	Ip	Yicktung
1273	BBS	850	L1	Research Rotation	Irazoqui	Javier Elbio
1057	BBS	850	L1	Research Rotation	Jacobson	Allan
1299	BBS	850	L1	Research Rotation	Johnson	Mark Damone
1059	BBS	850	L1	Research Rotation	Kang	Joonsoo
1249	BBS	850	L1	Research Rotation	Karlsson	Elinor
1061	BBS	850	L1	Research Rotation	Kaufman	Paul
4846	BBS	850	L1	Research Rotation	Kay	Jonathan
1369	BBS	850	L1	Research Rotation	Keeler-Klunk	Allison

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1239	BBS	850	L1	Research Rotation	Kelch	Brian
1063	BBS	850	L1	Research Rotation	Kelliher	Michelle
1213	BBS	850	L1	Research Rotation	Kennedy	David
1003	BBS	850	L1	Research Rotation	Khvorova	Anastasia
1205	BBS	850	L1	Research Rotation	Kiefe	Catarina
1263	BBS	850	L1	Research Rotation	Kim	Dohoon
1173	BBS	850	L1	Research Rotation	Kim	Jason
4847	BBS	850	L1	Research Rotation	Kim	Sohye
3667	BBS	850	L1	Research Rotation	King	Michael
3663	BBS	850	L1	Research Rotation	King	Oliver
4453	BBS	850	L1	Research Rotation	Ko	Eric Chi Ching
1065	BBS	850	L1	Research Rotation	Kobertz	William
1067	BBS	850	L1	Research Rotation	Kornfeld	Hardy
1219	BBS	850	L1	Research Rotation	Korostelev	Andrei
1321	BBS	850	L1	Research Rotation	Koupenova	Milka
1069	BBS	850	L1	Research Rotation	Kowalik	Timothy
4848	BBS	850	L1	Research Rotation	Kurt Yilmaz	Nese
1071	BBS	850	L1	Research Rotation	Kurt-Jones	Evelyn
3659	BBS	850	L1	Research Rotation	Lafemina	Jennifer
1285	BBS	850	L1	Research Rotation	Lambright	David
1181	BBS	850	L1	Research Rotation	Landers	John
1073	BBS	850	L1	Research Rotation	Lawrence	Jeanne
1075	BBS	850	L1	Research Rotation	Lawson	Nathan
4249	BBS	850	L1	Research Rotation	Lee	Darren
1241	BBS	850	L1	Research Rotation	Lee	Michael
1077	BBS	850	L1	Research Rotation	Levitz	Stuart
1079	BBS	850	L1	Research Rotation	Lewis	Brian
1081	BBS	850	L1	Research Rotation	Li	Hong-Sheng
1337	BBS	850	L1	Research Rotation	Li	Li
1171	BBS	850	L1	Research Rotation	Li	Shaoguang
1083	BBS	850	L1	Research Rotation	Lien	Egil

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3685	BBS	850	L1	Research Rotation	Lilly	Craig
1339	BBS	850	L1	Research Rotation	Lim	Teng-Ting
4740	BBS	850	L1	Research Rotation	Lin	Honghuang
1313	BBS	850	L1	Research Rotation	Lodato	Michael
4849	BBS	850	L1	Research Rotation	Logan	Ryan
1085	BBS	850	L1	Research Rotation	Lu	Shan
1225	BBS	850	L1	Research Rotation	Luban	Jeremy
3681	BBS	850	L1	Research Rotation	Lyle	Stephen
3677	BBS	850	L1	Research Rotation	Madoff	Lawrence
1223	BBS	850	L1	Research Rotation	Maehr	Rene
1373	BBS	850	L1	Research Rotation	Maldonadocontreras	Ana
3705	BBS	850	L1	Research Rotation	Mandon	Elisabet
1185	BBS	850	L1	Research Rotation	Mandrekar	Pranoti
1179	BBS	850	L1	Research Rotation	Mao	Junhao
3703	BBS	850	L1	Research Rotation	Martin	Gilles
3699	BBS	850	L1	Research Rotation	Martins	Paulo
1087	BBS	850	L1	Research Rotation	Massi	Francesca
3695	BBS	850	L1	Research Rotation	Matijasevic	Zdenka
1089	BBS	850	L1	Research Rotation	Matthews	Charles
1091	BBS	850	L1	Research Rotation	Mccollum	Dannel
1377	BBS	850	L1	Research Rotation	Mccormick	Beth
1093	BBS	850	L1	Research Rotation	Melikian	Haley
1095	BBS	850	L1	Research Rotation	Mello	Craig
1097	BBS	850	L1	Research Rotation	Mercurio	Arthur
1099	BBS	850	L1	Research Rotation	Miller	Stephen
1275	BBS	850	L1	Research Rotation	Mitchell	Amir Zadok
4767	BBS	850	L1	Research Rotation	Modarres	Mo Hammad
4457	BBS	850	L1	Research Rotation	Moore	Jill
1187	BBS	850	L1	Research Rotation	Moormann	Ann
3691	BBS	850	L1	Research Rotation	Mordes	John
1101	BBS	850	L1	Research Rotation	Morrison	Trudy

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3709	BBS	850	L1	Research Rotation	Moser	Richard
1335	BBS	850	L1	Research Rotation	Mullen	Alan
1315	BBS	850	L1	Research Rotation	Munro	James
1103	BBS	850	L1	Research Rotation	Munson	Maryann
3713	BBS	850	L1	Research Rotation	Murphy	Kenan
1375	BBS	850	L1	Research Rotation	Nandadasa	Horadigala Gamage Sumeda
1105	BBS	850	L1	Research Rotation	Newburger	Peter
3717	BBS	850	L1	Research Rotation	Nickerson	Jeffrey
1355	BBS	850	L1	Research Rotation	Nundel	Kerstin
1107	BBS	850	L1	Research Rotation	Ockene	Judith
1325	BBS	850	L1	Research Rotation	Orzalli	Megan Horn
1183	BBS	850	L1	Research Rotation	Ostroff	Gary
1289	BBS	850	L1	Research Rotation	Pai	Athma Anjali
1109	BBS	850	L1	Research Rotation	Pazour	Gregory
3721	BBS	850	L1	Research Rotation	Pederson	Thoru
4483	BBS	850	L1	Research Rotation	Person	Sharina
1111	BBS	850	L1	Research Rotation	Peterson	Craig
1361	BBS	850	L1	Research Rotation	Pitarresi	Jason Robert
1113	BBS	850	L1	Research Rotation	Pryciak	Peter
4850	BBS	850	L1	Research Rotation	Puig	Stephanie
1251	BBS	850	L1	Research Rotation	Pukkila-Worley	Read
1215	BBS	850	L1	Research Rotation	Punzo	Claudio
1365	BBS	850	L1	Research Rotation	Quinton	Lee
1115	BBS	850	L1	Research Rotation	Ram	Sanjay
4487	BBS	850	L1	Research Rotation	Ramirezortiz	Zaida Gisela
1117	BBS	850	L1	Research Rotation	Rando	Oliver
3549	BBS	850	L1	Research Rotation	Rashighi Firoozabadi	Mehdi
1269	BBS	850	L1	Research Rotation	Reboldi	Andrea
4285	BBS	850	L1	Research Rotation	Redding	Sy
4851	BBS	850	L1	Research Rotation	Reppert	Steven
1119	BBS	850	L1	Research Rotation	Rhind	Nicholas



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3725	BBS	850	L1	Research Rotation	Rice	Peter
1347	BBS	850	L1	Research Rotation	Richmond	Jillian
1121	BBS	850	L1	Research Rotation	Richter	Joel
3729	BBS	850	L1	Research Rotation	Rittenhouse	Ann
1123	BBS	850	L1	Research Rotation	Rivera Perez	Jaime
1125	BBS	850	L1	Research Rotation	Rock	Kenneth
1279	BBS	850	L1	Research Rotation	Rogaev	Evgeny
4852	BBS	850	L1	Research Rotation	Rosmarin	Alan
4491	BBS	850	L1	Research Rotation	Rothschild	Anthony
1195	BBS	850	L1	Research Rotation	Rothstein	Ann
1127	BBS	850	L1	Research Rotation	Royer	William
1129	BBS	850	L1	Research Rotation	Ruiz De Luzuriaga	Katherine
1319	BBS	850	L1	Research Rotation	Ruscetti	Marcus
1131	BBS	850	L1	Research Rotation	Ryder	Sean
3501	BBS	850	L1	Research Rotation	Saranathan	Manojkumar
1133	BBS	850	L1	Research Rotation	Sassetti	Christopher
1327	BBS	850	L1	Research Rotation	Schaal	Shlomit
1257	BBS	850	L1	Research Rotation	Schafer	Dorothy
1135	BBS	850	L1	Research Rotation	Schiffer	Celia
3733	BBS	850	L1	Research Rotation	Schrader	Carol
1137	BBS	850	L1	Research Rotation	Selin	Liisa
1193	BBS	850	L1	Research Rotation	Sena Esteves	Miguel
1329	BBS	850	L1	Research Rotation	Shank	Elizabeth
1139	BBS	850	L1	Research Rotation	Shaw	Leslie
1309	BBS	850	L1	Research Rotation	Shen	Kuang
1267	BBS	850	L1	Research Rotation	Shim	Jae-Hyuck
1287	BBS	850	L1	Research Rotation	Shohet	Jason Matthew
1141	BBS	850	L1	Research Rotation	Silverman	Neal
3737	BBS	850	L1	Research Rotation	Simin	Karl
4741	BBS	850	L1	Research Rotation	Sirianni	Rachael
3741	BBS	850	L1	Research Rotation	Sluss	Hayla

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1143	BBS	850	L1	Research Rotation	Socolovsky	Merav
1145	BBS	850	L1	Research Rotation	Song	Jie
1371	BBS	850	L1	Research Rotation	Soni	Apurv
1283	BBS	850	L1	Research Rotation	Sontheimer	Erik
4495	BBS	850	L1	Research Rotation	Spinelli	Jessica
1147	BBS	850	L1	Research Rotation	Stern	Lawrence
1217	BBS	850	L1	Research Rotation	Swain	Susan
1351	BBS	850	L1	Research Rotation	Tai	Phillip
1149	BBS	850	L1	Research Rotation	Tapper	Andrew
1151	BBS	850	L1	Research Rotation	Theurkauf	William
1253	BBS	850	L1	Research Rotation	Thompson	Paul
1305	BBS	850	L1	Research Rotation	Thomson	Travis
4766	BBS	850	L1	Research Rotation	Thyme	Summer
1153	BBS	850	L1	Research Rotation	Tissenbaum	Heidi
1203	BBS	850	L1	Research Rotation	Torres	Eduardo
3539	BBS	850	L1	Research Rotation	Tran	Khanh-Van
1233	BBS	850	L1	Research Rotation	Trivedi	Chinmay
3749	BBS	850	L1	Research Rotation	Trombly	Melanie
1353	BBS	850	L1	Research Rotation	Uthaman	Gowthaman
3753	BBS	850	L1	Research Rotation	Volkert	Michael
1155	BBS	850	L1	Research Rotation	Walhout	Albertha
1231	BBS	850	L1	Research Rotation	Walker	Amy
3757	BBS	850	L1	Research Rotation	Walz	Jens
3761	BBS	850	L1	Research Rotation	Wang	Bo
4499	BBS	850	L1	Research Rotation	Wang	Dan
1207	BBS	850	L1	Research Rotation	Wang	Jennifer
3765	BBS	850	L1	Research Rotation	Wang	Yang
3769	BBS	850	L1	Research Rotation	Wang	Yong-Xu
4251	BBS	850	L1	Research Rotation	Watson	Emma
1261	BBS	850	L1	Research Rotation	Watts	Jonathan
1157	BBS	850	L1	Research Rotation	Weaver	David

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1159	BBS	850	L1	Research Rotation	Weng	Zhiping
4907	BBS	850	L1	Research Rotation	Winder	Danny
3773	BBS	850	L1	Research Rotation	Witman	George
3777	BBS	850	L1	Research Rotation	Woda	Bruce
1169	BBS	850	L1	Research Rotation	Wolfe	Scot
1277	BBS	850	L1	Research Rotation	Xiang	Yang
1161	BBS	850	L1	Research Rotation	Xu	Zuoshang
1245	BBS	850	L1	Research Rotation	Xue	Wen
1367	BBS	850	L1	Research Rotation	Yemini	Eviatar
4854	BBS	850	L1	Research Rotation	Yilmaz	Lutfu
1331	BBS	850	L1	Research Rotation	Youk	Hyun
1163	BBS	850	L1	Research Rotation	Zamore	Phillip
3783	BBS	850	L1	Research Rotation	Zapp	Maria
1165	BBS	850	L1	Research Rotation	Zhang	Hong
3785	BBS	850	L1	Research Rotation	Zhang	Jin
4705	BBS	850	L1	Research Rotation	Zhong	Guocai
1333	BBS	850	L1	Research Rotation	Zhou	Chan
4503	BBS	850	L1	Research Rotation	Zhu	Lihua
1167	BBS	850	L1	Research Rotation	Zhuge	Ronghua
1281	BBS	850	L1	Research Rotation	Zitzewitz	Jill
4403	BBS	850	L2	Research Rotation	Abdennur	Nezar
2733	BBS	850	L2	Research Rotation	Alkema	Mark
2499	BBS	850	L2	Research Rotation	Ambros	Victor
2745	BBS	850	L2	Research Rotation	Aroian	Raffi
2501	BBS	850	L2	Research Rotation	Aronin	Neil
4756	BBS	850	L2	Research Rotation	Atukorale	Prabhani
3591	BBS	850	L2	Research Rotation	Ayers	David
2793	BBS	850	L2	Research Rotation	Bach	Ingolf
2503	BBS	850	L2	Research Rotation	Baehrecke	Eric
4407	BBS	850	L2	Research Rotation	Barton	Bruce
2741	BBS	850	L2	Research Rotation	Behar	Samuel

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2709	BBS	850	L2	Research Rotation	Benanti	Jennifer
2719	BBS	850	L2	Research Rotation	Bergmann	Andreas
3595	BBS	850	L2	Research Rotation	Bogdanov	Alexei
2807	BBS	850	L2	Research Rotation	Bogunovic	Milena
2505	BBS	850	L2	Research Rotation	Bolon	Daniel
2671	BBS	850	L2	Research Rotation	Bosco	Daryl
3599	BBS	850	L2	Research Rotation	Boudreaux	Edwin
2853	BBS	850	L2	Research Rotation	Boulting	Gabriella
2681	BBS	850	L2	Research Rotation	Brehm	Michael
2755	BBS	850	L2	Research Rotation	Brewster	Robert
2813	BBS	850	L2	Research Rotation	Brodsky	Michael
2673	BBS	850	L2	Research Rotation	Brown	Robert
2803	BBS	850	L2	Research Rotation	Bucci	Vanni
2507	BBS	850	L2	Research Rotation	Budnik	Vivian
2765	BBS	850	L2	Research Rotation	Byrne	Alexandra Catherine
3601	BBS	850	L2	Research Rotation	Caffrey	Daniel
2509	BBS	850	L2	Research Rotation	Cantor	Sharon
4411	BBS	850	L2	Research Rotation	Caricchio	Roberto
2511	BBS	850	L2	Research Rotation	Castilla	Lucio
2757	BBS	850	L2	Research Rotation	Cavacini	Lisa
3605	BBS	850	L2	Research Rotation	Ceol	Craig
2831	BBS	850	L2	Research Rotation	Chan	Yingleong
2513	BBS	850	L2	Research Rotation	Clark	Robin
2855	BBS	850	L2	Research Rotation	Clayton	Kiera
4800	BBS	850	L2	Research Rotation	Cochran	David
2845	BBS	850	L2	Research Rotation	Colubri	Andres
4415	BBS	850	L2	Research Rotation	Conte	Darryl
2515	BBS	850	L2	Research Rotation	Corvera	Silvia
3611	BBS	850	L2	Research Rotation	Craig	Roger
4731	BBS	850	L2	Research Rotation	Cutrona	Sarah
2517	BBS	850	L2	Research Rotation	Czech	Michael Paul

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2519	BBS	850	L2	Research Rotation	Davis	Roger
2521	BBS	850	L2	Research Rotation	Dekker	Job
4808	BBS	850	L2	Research Rotation	Dominov	Janice
2789	BBS	850	L2	Research Rotation	Donahue	John
4419	BBS	850	L2	Research Rotation	Dunn	Raymond
4423	BBS	850	L2	Research Rotation	Dutton	Richard
4253	BBS	850	L2	Research Rotation	Edmiston	Elliot
4427	BBS	850	L2	Research Rotation	Ellison	Richard
2837	BBS	850	L2	Research Rotation	Emerson	Charles
2523	BBS	850	L2	Research Rotation	Emery	Patrick
2857	BBS	850	L2	Research Rotation	Fang	Wenwen
2707	BBS	850	L2	Research Rotation	Fazzio	Thomas
4431	BBS	850	L2	Research Rotation	Fisher	Daniel
2525	BBS	850	L2	Research Rotation	Fitzgerald	Katherine
2797	BBS	850	L2	Research Rotation	Fitzgerald	Thomas
2817	BBS	850	L2	Research Rotation	Flavahan	William
3617	BBS	850	L2	Research Rotation	Floreskim	Josue
2527	BBS	850	L2	Research Rotation	Flotte	Terence
2529	BBS	850	L2	Research Rotation	Francis	Michael
3621	BBS	850	L2	Research Rotation	Frazier	Jean
4695	BBS	850	L2	Research Rotation	Fu	Accalia
2715	BBS	850	L2	Research Rotation	Futai	Kensuke
4435	BBS	850	L2	Research Rotation	Gallucci	Stefania
2701	BBS	850	L2	Research Rotation	Gao	Fen-Biao
2531	BBS	850	L2	Research Rotation	Gao	Guangping
2727	BBS	850	L2	Research Rotation	Garber	Manuel
4439	BBS	850	L2	Research Rotation	Gazzinelli	Ricardo
3633	BBS	850	L2	Research Rotation	Gerstein	Rachel
3637	BBS	850	L2	Research Rotation	Ginns	Edward
2533	BBS	850	L2	Research Rotation	Goldberg	Robert Joel
2535	BBS	850	L2	Research Rotation	Golenbock	Douglas

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2537	BBS	850	L2	Research Rotation	Gottlinger	Heinrich
3641	BBS	850	L2	Research Rotation	Gounis	Matthew
2799	BBS	850	L2	Research Rotation	Grayedwards	Heather Leigh
3645	BBS	850	L2	Research Rotation	Green	Sharone
2777	BBS	850	L2	Research Rotation	Greer	Paul Lieberman
2541	BBS	850	L2	Research Rotation	Greiner	Dale
2839	BBS	850	L2	Research Rotation	Grigorieff	Nikolaus
2725	BBS	850	L2	Research Rotation	Grunwald	David
2685	BBS	850	L2	Research Rotation	Guertin	David
4855	BBS	850	L2	Research Rotation	Hafer	Nathaniel
3651	BBS	850	L2	Research Rotation	Hall-Anderson	Lisa
2713	BBS	850	L2	Research Rotation	Han	Gang
2867	BBS	850	L2	Research Rotation	Haran	John
4443	BBS	850	L2	Research Rotation	Harlan	David
4447	BBS	850	L2	Research Rotation	Harris	John
2771	BBS	850	L2	Research Rotation	Haynes	Cole
2543	BBS	850	L2	Research Rotation	Hayward	Lawrence
4255	BBS	850	L2	Research Rotation	Hemming	Matthew
4451	BBS	850	L2	Research Rotation	Hendricks	Gregory
3657	BBS	850	L2	Research Rotation	Houghton	Jeanmarie
3515	BBS	850	L2	Research Rotation	Humphries	Fiachra Emanuel
2545	BBS	850	L2	Research Rotation	Huseby	Eric
2547	BBS	850	L2	Research Rotation	Imbalzano	Anthony
3671	BBS	850	L2	Research Rotation	Iorio	Ronald
2549	BBS	850	L2	Research Rotation	Ip	Yicktung
2773	BBS	850	L2	Research Rotation	Irazoqui	Javier Elbio
2551	BBS	850	L2	Research Rotation	Jacobson	Allan
2795	BBS	850	L2	Research Rotation	Johnson	Mark Damone
2553	BBS	850	L2	Research Rotation	Kang	Joonsoo
2747	BBS	850	L2	Research Rotation	Karlsson	Elinor
2555	BBS	850	L2	Research Rotation	Kaufman	Paul

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4856	BBS	850	L2	Research Rotation	Kay	Jonathan
2863	BBS	850	L2	Research Rotation	Keeler-Klunk	Allison
2737	BBS	850	L2	Research Rotation	Kelch	Brian
2557	BBS	850	L2	Research Rotation	Kelliher	Michelle
2717	BBS	850	L2	Research Rotation	Kennedy	David
2497	BBS	850	L2	Research Rotation	Khvorova	Anastasia
2695	BBS	850	L2	Research Rotation	Kiefe	Catarina
2763	BBS	850	L2	Research Rotation	Kim	Dohoon
2669	BBS	850	L2	Research Rotation	Kim	Jason
4857	BBS	850	L2	Research Rotation	Kim	Sohye
3669	BBS	850	L2	Research Rotation	King	Michael
3665	BBS	850	L2	Research Rotation	King	Oliver
4455	BBS	850	L2	Research Rotation	Ko	Eric Chi Ching
2559	BBS	850	L2	Research Rotation	Kobertz	William
2561	BBS	850	L2	Research Rotation	Kornfeld	Hardy
2711	BBS	850	L2	Research Rotation	Korostelev	Andrei
2815	BBS	850	L2	Research Rotation	Koupenova	Milka
2563	BBS	850	L2	Research Rotation	Kowalik	Timothy
4858	BBS	850	L2	Research Rotation	Kurt Yilmaz	Nese
2565	BBS	850	L2	Research Rotation	Kurt-Jones	Evelyn
3661	BBS	850	L2	Research Rotation	Lafemina	Jennifer
2783	BBS	850	L2	Research Rotation	Lambright	David
2677	BBS	850	L2	Research Rotation	Landers	John
2567	BBS	850	L2	Research Rotation	Lawrence	Jeanne
2569	BBS	850	L2	Research Rotation	Lawson	Nathan
4259	BBS	850	L2	Research Rotation	Lee	Darren
2739	BBS	850	L2	Research Rotation	Lee	Michael
2571	BBS	850	L2	Research Rotation	Levitz	Stuart
2573	BBS	850	L2	Research Rotation	Lewis	Brian
2575	BBS	850	L2	Research Rotation	Li	Hong-Sheng
2833	BBS	850	L2	Research Rotation	Li	Li

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2667	BBS	850	L2	Research Rotation	Li	Shaoguang
2577	BBS	850	L2	Research Rotation	Lien	Egil
3683	BBS	850	L2	Research Rotation	Lilly	Craig
2835	BBS	850	L2	Research Rotation	Lim	Teng-Ting
4742	BBS	850	L2	Research Rotation	Lin	Honghuang
2809	BBS	850	L2	Research Rotation	Lodato	Michael
2579	BBS	850	L2	Research Rotation	Lu	Shan
2723	BBS	850	L2	Research Rotation	Luban	Jeremy
3679	BBS	850	L2	Research Rotation	Lyle	Stephen
3675	BBS	850	L2	Research Rotation	Madoff	Lawrence
2721	BBS	850	L2	Research Rotation	Maehr	Rene
2869	BBS	850	L2	Research Rotation	Maldonadocontreras	Ana
3707	BBS	850	L2	Research Rotation	Mandon	Elisabet
2697	BBS	850	L2	Research Rotation	Mandrekar	Pranoti
2675	BBS	850	L2	Research Rotation	Mao	Junhao
2683	BBS	850	L2	Research Rotation	Martin	Gilles
3701	BBS	850	L2	Research Rotation	Martins	Paulo
2581	BBS	850	L2	Research Rotation	Massi	Francesca
3697	BBS	850	L2	Research Rotation	Matijasevic	Zdenka
2583	BBS	850	L2	Research Rotation	Matthews	Charles
2585	BBS	850	L2	Research Rotation	Mccollum	Dannel
2873	BBS	850	L2	Research Rotation	Mccormick	Beth
2587	BBS	850	L2	Research Rotation	Melikian	Haley
2589	BBS	850	L2	Research Rotation	Mello	Craig
2591	BBS	850	L2	Research Rotation	Mercurio	Arthur
2593	BBS	850	L2	Research Rotation	Miller	Stephen
2775	BBS	850	L2	Research Rotation	Mitchell	Amir Zadok
4769	BBS	850	L2	Research Rotation	Modarres	Mo Hammad
4459	BBS	850	L2	Research Rotation	Moore	Jill
2699	BBS	850	L2	Research Rotation	Moormann	Ann
3693	BBS	850	L2	Research Rotation	Mordes	John



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2595	BBS	850	L2	Research Rotation	Morrison	Trudy
3711	BBS	850	L2	Research Rotation	Moser	Richard
4291	BBS	850	L2	Research Rotation	Mullen	Alan
2811	BBS	850	L2	Research Rotation	Munro	James
2597	BBS	850	L2	Research Rotation	Munson	Maryann
3715	BBS	850	L2	Research Rotation	Murphy	Kenan
2871	BBS	850	L2	Research Rotation	Nandadasa	Horadigala Gamage Sumeda
2599	BBS	850	L2	Research Rotation	Newburger	Peter
3719	BBS	850	L2	Research Rotation	Nickerson	Jeffrey
2851	BBS	850	L2	Research Rotation	Nundel	Kerstin
2601	BBS	850	L2	Research Rotation	Ockene	Judith
2819	BBS	850	L2	Research Rotation	Orzalli	Megan Horn
2679	BBS	850	L2	Research Rotation	Ostroff	Gary
2787	BBS	850	L2	Research Rotation	Pai	Athma Anjali
2603	BBS	850	L2	Research Rotation	Pazour	Gregory
3723	BBS	850	L2	Research Rotation	Pederson	Thoru
4485	BBS	850	L2	Research Rotation	Person	Sharina
2605	BBS	850	L2	Research Rotation	Peterson	Craig
4289	BBS	850	L2	Research Rotation	Pitarresi	Jason Robert
2607	BBS	850	L2	Research Rotation	Pryciak	Peter
4860	BBS	850	L2	Research Rotation	Puig	Stephanie
2749	BBS	850	L2	Research Rotation	Pukkila-Worley	Read
2689	BBS	850	L2	Research Rotation	Punzo	Claudio
2859	BBS	850	L2	Research Rotation	Quinton	Lee
2609	BBS	850	L2	Research Rotation	Ram	Sanjay
4489	BBS	850	L2	Research Rotation	Ramirezortiz	Zaida Gisela
2611	BBS	850	L2	Research Rotation	Rando	Oliver
3527	BBS	850	L2	Research Rotation	Rashighi Firoozabadi	Mehdi
2769	BBS	850	L2	Research Rotation	Reboldi	Andrea
4287	BBS	850	L2	Research Rotation	Redding	Sy
4861	BBS	850	L2	Research Rotation	Reppert	Steven

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2613	BBS	850	L2	Research Rotation	Rhind	Nicholas
3727	BBS	850	L2	Research Rotation	Rice	Peter
2841	BBS	850	L2	Research Rotation	Richmond	Jillian
2615	BBS	850	L2	Research Rotation	Richter	Joel
3731	BBS	850	L2	Research Rotation	Rittenhouse	Ann
2617	BBS	850	L2	Research Rotation	Rivera Perez	Jaime
2619	BBS	850	L2	Research Rotation	Rock	Kenneth
2779	BBS	850	L2	Research Rotation	Rogaev	Evgeny
4862	BBS	850	L2	Research Rotation	Rosmarin	Alan
4493	BBS	850	L2	Research Rotation	Rothschild	Anthony
2703	BBS	850	L2	Research Rotation	Rothstein	Ann
2621	BBS	850	L2	Research Rotation	Royer	William
2623	BBS	850	L2	Research Rotation	Ruiz De Luzuriaga	Katherine
2829	BBS	850	L2	Research Rotation	Ruscetti	Marcus
2625	BBS	850	L2	Research Rotation	Ryder	Sean
3503	BBS	850	L2	Research Rotation	Saranathan	Manojkumar
2627	BBS	850	L2	Research Rotation	Sassetti	Christopher
2821	BBS	850	L2	Research Rotation	Schaal	Shlomit
2761	BBS	850	L2	Research Rotation	Schafer	Dorothy
2629	BBS	850	L2	Research Rotation	Schiffer	Celia
3735	BBS	850	L2	Research Rotation	Schrader	Carol
2631	BBS	850	L2	Research Rotation	Selin	Liisa
2693	BBS	850	L2	Research Rotation	Sena Esteves	Miguel
2823	BBS	850	L2	Research Rotation	Shank	Elizabeth
2633	BBS	850	L2	Research Rotation	Shaw	Leslie
2805	BBS	850	L2	Research Rotation	Shen	Kuang
2767	BBS	850	L2	Research Rotation	Shim	Jae-Hyuck
2785	BBS	850	L2	Research Rotation	Shohet	Jason Matthew
2635	BBS	850	L2	Research Rotation	Silverman	Neal
3739	BBS	850	L2	Research Rotation	Simin	Karl
4743	BBS	850	L2	Research Rotation	Sirianni	Rachael

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3743	BBS	850	L2	Research Rotation	Sluss	Hayla
2639	BBS	850	L2	Research Rotation	Socolovsky	Merav
2641	BBS	850	L2	Research Rotation	Song	Jie
2865	BBS	850	L2	Research Rotation	Soni	Apurv
2751	BBS	850	L2	Research Rotation	Sontheimer	Erik
4497	BBS	850	L2	Research Rotation	Spinelli	Jessica
2643	BBS	850	L2	Research Rotation	Stern	Lawrence
2687	BBS	850	L2	Research Rotation	Swain	Susan
2847	BBS	850	L2	Research Rotation	Tai	Phillip
2645	BBS	850	L2	Research Rotation	Tapper	Andrew
2647	BBS	850	L2	Research Rotation	Theurkauf	William
2753	BBS	850	L2	Research Rotation	Thompson	Paul
2801	BBS	850	L2	Research Rotation	Thomson	Travis
4768	BBS	850	L2	Research Rotation	Thyme	Summer
2649	BBS	850	L2	Research Rotation	Tissenbaum	Heidi
2691	BBS	850	L2	Research Rotation	Torres	Eduardo
3541	BBS	850	L2	Research Rotation	Tran	Khanh-Van
2731	BBS	850	L2	Research Rotation	Trivedi	Chinmay
3751	BBS	850	L2	Research Rotation	Trombly	Melanie
2849	BBS	850	L2	Research Rotation	Uthaman	Gowthaman
3755	BBS	850	L2	Research Rotation	Volkert	Michael
2651	BBS	850	L2	Research Rotation	Walhout	Albertha
2729	BBS	850	L2	Research Rotation	Walker	Amy
3759	BBS	850	L2	Research Rotation	Walz	Jens
3763	BBS	850	L2	Research Rotation	Wang	Bo
4501	BBS	850	L2	Research Rotation	Wang	Dan
2705	BBS	850	L2	Research Rotation	Wang	Jennifer
3767	BBS	850	L2	Research Rotation	Wang	Yang
3771	BBS	850	L2	Research Rotation	Wang	Yong-Xu
4257	BBS	850	L2	Research Rotation	Watson	Emma
2759	BBS	850	L2	Research Rotation	Watts	Jonathan

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2653	BBS	850	L2	Research Rotation	Weaver	David
2655	BBS	850	L2	Research Rotation	Weng	Zhiping
3775	BBS	850	L2	Research Rotation	Witman	George
3779	BBS	850	L2	Research Rotation	Woda	Bruce
2665	BBS	850	L2	Research Rotation	Wolfe	Scot
2657	BBS	850	L2	Research Rotation	Xu	Zuoshang
2743	BBS	850	L2	Research Rotation	Xue	Wen
4863	BBS	850	L2	Research Rotation	Yang	Hongwei
2861	BBS	850	L2	Research Rotation	Yemini	Eviatar
4864	BBS	850	L2	Research Rotation	Yilmaz	Lutfu
2825	BBS	850	L2	Research Rotation	Youk	Hyun
2659	BBS	850	L2	Research Rotation	Zamore	Phillip
3781	BBS	850	L2	Research Rotation	Zapp	Maria
2661	BBS	850	L2	Research Rotation	Zhang	Hong
3787	BBS	850	L2	Research Rotation	Zhang	Jin
4707	BBS	850	L2	Research Rotation	Zhong	Guocai
2827	BBS	850	L2	Research Rotation	Zhou	Chan
4505	BBS	850	L2	Research Rotation	Zhu	Lihua
2663	BBS	850	L2	Research Rotation	Zhuge	Ronghua
2781	BBS	850	L2	Research Rotation	Zitzewitz	Jill
3493	BBS	852	L1	Advisor Reselection Rotation	Pukkila-Worley	Read
3459	BBS	865	1	BBS TRAC Meeting	Lane	Mary
1941	BBS	870	1	Prequalifying Research	Abdennur	Nezar
2035	BBS	870	1	Prequalifying Research	Alkema	Mark
2037	BBS	870	1	Prequalifying Research	Ambros	Victor
3789	BBS	870	1	Prequalifying Research	Anaclet	Christelle
2087	BBS	870	1	Prequalifying Research	Aroian	Raffi
1465	BBS	870	1	Prequalifying Research	Aronin	Neil
4757	BBS	870	1	Prequalifying Research	Atukorale	Prabhani
3791	BBS	870	1	Prequalifying Research	Ayers	David
2187	BBS	870	1	Prequalifying Research	Bach	Ingolf

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1467	BBS	870	1	Prequalifying Research	Baehrecke	Eric
2047	BBS	870	1	Prequalifying Research	Behar	Samuel
1939	BBS	870	1	Prequalifying Research	Benanti	Jennifer
2033	BBS	870	1	Prequalifying Research	Bergmann	Andreas
3793	BBS	870	1	Prequalifying Research	Bogdanov	Alexei
2203	BBS	870	1	Prequalifying Research	Bogunovic	Milena
1469	BBS	870	1	Prequalifying Research	Bolon	Daniel
1857	BBS	870	1	Prequalifying Research	Bosco	Daryl
3461	BBS	870	1	Prequalifying Research	Boudreaux	Edwin
2405	BBS	870	1	Prequalifying Research	Boulting	Gabriella
3473	BBS	870	1	Prequalifying Research	Brehm	Michael
2097	BBS	870	1	Prequalifying Research	Brewster	Robert
2249	BBS	870	1	Prequalifying Research	Brodsky	Michael
1867	BBS	870	1	Prequalifying Research	Brown	Robert
2233	BBS	870	1	Prequalifying Research	Bucci	Vanni
1471	BBS	870	1	Prequalifying Research	Budnik	Vivian
2127	BBS	870	1	Prequalifying Research	Byrne	Alexandra Catherine
3795	BBS	870	1	Prequalifying Research	Caffrey	Daniel
1473	BBS	870	1	Prequalifying Research	Cantor	Sharon
1997	BBS	870	1	Prequalifying Research	Caricchio	Roberto
1475	BBS	870	1	Prequalifying Research	Castilla	Lucio
2113	BBS	870	1	Prequalifying Research	Cavacini	Lisa
1919	BBS	870	1	Prequalifying Research	Ceol	Craig
2301	BBS	870	1	Prequalifying Research	Chan	Yingleong
1477	BBS	870	1	Prequalifying Research	Clark	Robin
2399	BBS	870	1	Prequalifying Research	Clayton	Kiera
4801	BBS	870	1	Prequalifying Research	Cochran	David
2345	BBS	870	1	Prequalifying Research	Colubri	Andres
1479	BBS	870	1	Prequalifying Research	Corvera	Silvia
3797	BBS	870	1	Prequalifying Research	Craig	Roger
4733	BBS	870	1	Prequalifying Research	Cutrona	Sarah

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1481	BBS	870	1	Prequalifying Research	Czech	Michael Paul
1483	BBS	870	1	Prequalifying Research	Davis	Roger
1485	BBS	870	1	Prequalifying Research	Dekker	Job
4806	BBS	870	1	Prequalifying Research	Dominov	Janice
3799	BBS	870	1	Prequalifying Research	Donahue	John
4331	BBS	870	1	Prequalifying Research	Dutton	Richard
4261	BBS	870	1	Prequalifying Research	Edmiston	Elliot
4333	BBS	870	1	Prequalifying Research	Ellison	Richard
2319	BBS	870	1	Prequalifying Research	Emerson	Charles
1487	BBS	870	1	Prequalifying Research	Emery	Patrick
2401	BBS	870	1	Prequalifying Research	Fang	Wenwen
1937	BBS	870	1	Prequalifying Research	Fazzio	Thomas
4345	BBS	870	1	Prequalifying Research	Fisher	Daniel
3465	BBS	870	1	Prequalifying Research	Fitzgerald	Katherine
2209	BBS	870	1	Prequalifying Research	Fitzgerald	Thomas
2257	BBS	870	1	Prequalifying Research	Flavahan	William
3801	BBS	870	1	Prequalifying Research	Floreskim	Josue
1489	BBS	870	1	Prequalifying Research	Flotte	Terence
1491	BBS	870	1	Prequalifying Research	Francis	Michael
3803	BBS	870	1	Prequalifying Research	Frazier	Jean
4697	BBS	870	1	Prequalifying Research	Fu	Accalia
1973	BBS	870	1	Prequalifying Research	Futai	Kensuke
3847	BBS	870	1	Prequalifying Research	Gallucci	Stefania
1931	BBS	870	1	Prequalifying Research	Gao	Fen-Biao
1493	BBS	870	1	Prequalifying Research	Gao	Guangping
2011	BBS	870	1	Prequalifying Research	Garber	Manuel
4349	BBS	870	1	Prequalifying Research	Gazzinelli	Ricardo
3809	BBS	870	1	Prequalifying Research	Gerstein	Rachel
3811	BBS	870	1	Prequalifying Research	Ginns	Edward
1495	BBS	870	1	Prequalifying Research	Goldberg	Robert Joel
1497	BBS	870	1	Prequalifying Research	Golenbock	Douglas

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1499	BBS	870	1	Prequalifying Research	Gottlinger	Heinrich
3813	BBS	870	1	Prequalifying Research	Gounis	Matthew
2215	BBS	870	1	Prequalifying Research	Grayedwards	Heather Leigh
3815	BBS	870	1	Prequalifying Research	Green	Sharone
2163	BBS	870	1	Prequalifying Research	Greer	Paul Lieberman
1503	BBS	870	1	Prequalifying Research	Greiner	Dale
2325	BBS	870	1	Prequalifying Research	Grigorieff	Nikolaus
2009	BBS	870	1	Prequalifying Research	Grunwald	David
1905	BBS	870	1	Prequalifying Research	Guertin	David
4867	BBS	870	1	Prequalifying Research	Hafer	Nathaniel
3817	BBS	870	1	Prequalifying Research	Hall-Anderson	Lisa
1967	BBS	870	1	Prequalifying Research	Han	Gang
2403	BBS	870	1	Prequalifying Research	Haran	John
4351	BBS	870	1	Prequalifying Research	Harlan	David
4353	BBS	870	1	Prequalifying Research	Harris	John
2133	BBS	870	1	Prequalifying Research	Haynes	Cole
1505	BBS	870	1	Prequalifying Research	Hayward	Lawrence
4263	BBS	870	1	Prequalifying Research	Hemming	Matthew
4385	BBS	870	1	Prequalifying Research	Hendricks	Gregory
2193	BBS	870	1	Prequalifying Research	Henninger	Nils
3819	BBS	870	1	Prequalifying Research	Houghton	Jeanmarie
3517	BBS	870	1	Prequalifying Research	Humphries	Fiachra Emanuel
1507	BBS	870	1	Prequalifying Research	Huseby	Eric
1509	BBS	870	1	Prequalifying Research	Imbalzano	Anthony
3849	BBS	870	1	Prequalifying Research	Iorio	Ronald
1511	BBS	870	1	Prequalifying Research	Ip	Yicktung
2147	BBS	870	1	Prequalifying Research	Irazoqui	Javier Elbio
1513	BBS	870	1	Prequalifying Research	Jacobson	Allan
2195	BBS	870	1	Prequalifying Research	Johnson	Mark Damone
1515	BBS	870	1	Prequalifying Research	Kang	Joonsoo
2089	BBS	870	1	Prequalifying Research	Karlsson	Elinor

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1517	BBS	870	1	Prequalifying Research	Kaufman	Paul
4868	BBS	870	1	Prequalifying Research	Kay	Jonathan
2381	BBS	870	1	Prequalifying Research	Keeler-Klunk	Allison
2049	BBS	870	1	Prequalifying Research	Kelch	Brian
3467	BBS	870	1	Prequalifying Research	Kelliher	Michelle
1975	BBS	870	1	Prequalifying Research	Kennedy	David
1379	BBS	870	1	Prequalifying Research	Khvorova	Anastasia
2115	BBS	870	1	Prequalifying Research	Kim	Dohoon
1855	BBS	870	1	Prequalifying Research	Kim	Jason
4869	BBS	870	1	Prequalifying Research	Kim	Sohye
3851	BBS	870	1	Prequalifying Research	King	Michael
3853	BBS	870	1	Prequalifying Research	King	Oliver
4387	BBS	870	1	Prequalifying Research	Ko	Eric Chi Ching
1519	BBS	870	1	Prequalifying Research	Kobertz	William
1521	BBS	870	1	Prequalifying Research	Kornfeld	Hardy
1929	BBS	870	1	Prequalifying Research	Korostelev	Andrei
2255	BBS	870	1	Prequalifying Research	Koupenova	Milka
1523	BBS	870	1	Prequalifying Research	Kowalik	Timothy
4870	BBS	870	1	Prequalifying Research	Kurt Yilmaz	Nese
1525	BBS	870	1	Prequalifying Research	Kurt-Jones	Evelyn
3855	BBS	870	1	Prequalifying Research	Lambright	David
1901	BBS	870	1	Prequalifying Research	Landers	John
2159	BBS	870	1	Prequalifying Research	Lane	Mary
1543	BBS	870	1	Prequalifying Research	Lawrence	Jeanne
1545	BBS	870	1	Prequalifying Research	Lawson	Nathan
4265	BBS	870	1	Prequalifying Research	Lee	Darren
2055	BBS	870	1	Prequalifying Research	Lee	Michael
1547	BBS	870	1	Prequalifying Research	Levitz	Stuart
1549	BBS	870	1	Prequalifying Research	Lewis	Brian
1551	BBS	870	1	Prequalifying Research	Li	Hong-Sheng
2303	BBS	870	1	Prequalifying Research	Li	Li



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1851	BBS	870	1	Prequalifying Research	Li	Shaoguang
1553	BBS	870	1	Prequalifying Research	Lien	Egil
3859	BBS	870	1	Prequalifying Research	Lilly	Craig
2305	BBS	870	1	Prequalifying Research	Lim	Teng-Ting
4744	BBS	870	1	Prequalifying Research	Lin	Honghuang
2239	BBS	870	1	Prequalifying Research	Lodato	Michael
4871	BBS	870	1	Prequalifying Research	Logan	Ryan
1555	BBS	870	1	Prequalifying Research	Lu	Shan
2007	BBS	870	1	Prequalifying Research	Luban	Jeremy
3861	BBS	870	1	Prequalifying Research	Lyle	Stephen
3863	BBS	870	1	Prequalifying Research	Madoff	Lawrence
2001	BBS	870	1	Prequalifying Research	Maehr	Rene
2487	BBS	870	1	Prequalifying Research	Maldonadocontreras	Ana
3865	BBS	870	1	Prequalifying Research	Mandon	Elisabet
1877	BBS	870	1	Prequalifying Research	Mandrekar	Pranoti
1869	BBS	870	1	Prequalifying Research	Mao	Junhao
1891	BBS	870	1	Prequalifying Research	Martin	Gilles
3483	BBS	870	1	Prequalifying Research	Martins	Paulo
1557	BBS	870	1	Prequalifying Research	Massi	Francesca
3867	BBS	870	1	Prequalifying Research	Matijasevic	Zdenka
1559	BBS	870	1	Prequalifying Research	Matthews	Charles
1561	BBS	870	1	Prequalifying Research	Mccollum	Dannel
3469	BBS	870	1	Prequalifying Research	Mccormick	Beth
1563	BBS	870	1	Prequalifying Research	Melikian	Haley
1565	BBS	870	1	Prequalifying Research	Mello	Craig
1567	BBS	870	1	Prequalifying Research	Mercurio	Arthur
1569	BBS	870	1	Prequalifying Research	Miller	Stephen
2149	BBS	870	1	Prequalifying Research	Mitchell	Amir Zadok
4772	BBS	870	1	Prequalifying Research	Modarres	Mo Hammad
4389	BBS	870	1	Prequalifying Research	Moore	Jill
1879	BBS	870	1	Prequalifying Research	Moormann	Ann

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3869	BBS	870	1	Prequalifying Research	Mordes	John
1571	BBS	870	1	Prequalifying Research	Morrison	Trudy
3871	BBS	870	1	Prequalifying Research	Moser	Richard
4391	BBS	870	1	Prequalifying Research	Mullen	Alan
2245	BBS	870	1	Prequalifying Research	Munro	James
1573	BBS	870	1	Prequalifying Research	Munson	Maryann
3911	BBS	870	1	Prequalifying Research	Murphy	Kenan
2489	BBS	870	1	Prequalifying Research	Nandadasa	Horadigala Gamage Sumeda
1575	BBS	870	1	Prequalifying Research	Newburger	Peter
3873	BBS	870	1	Prequalifying Research	Nickerson	Jeffrey
2363	BBS	870	1	Prequalifying Research	Nundel	Kerstin
1577	BBS	870	1	Prequalifying Research	Ockene	Judith
2271	BBS	870	1	Prequalifying Research	Orzalli	Megan Horn
1949	BBS	870	1	Prequalifying Research	Ostroff	Gary
2181	BBS	870	1	Prequalifying Research	Pai	Athma Anjali
1579	BBS	870	1	Prequalifying Research	Pazour	Gregory
3875	BBS	870	1	Prequalifying Research	Pederson	Thoru
4397	BBS	870	1	Prequalifying Research	Person	Sharina
3475	BBS	870	1	Prequalifying Research	Peterson	Craig
4399	BBS	870	1	Prequalifying Research	Pitarresi	Jason Robert
1581	BBS	870	1	Prequalifying Research	Pryciak	Peter
4872	BBS	870	1	Prequalifying Research	Puig	Stephanie
2091	BBS	870	1	Prequalifying Research	Pukkila-Worley	Read
1979	BBS	870	1	Prequalifying Research	Punzo	Claudio
2369	BBS	870	1	Prequalifying Research	Quinton	Lee
1583	BBS	870	1	Prequalifying Research	Ram	Sanjay
4461	BBS	870	1	Prequalifying Research	Ramirezortiz	Zaida Gisela
1585	BBS	870	1	Prequalifying Research	Rando	Oliver
3529	BBS	870	1	Prequalifying Research	Rashighi Firoozabadi	Mehdi
2131	BBS	870	1	Prequalifying Research	Reboldi	Andrea
4463	BBS	870	1	Prequalifying Research	Redding	Sy

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4873	BBS	870	1	Prequalifying Research	Reppert	Steven
1587	BBS	870	1	Prequalifying Research	Rhind	Nicholas
3879	BBS	870	1	Prequalifying Research	Rice	Peter
2329	BBS	870	1	Prequalifying Research	Richmond	Jillian
1589	BBS	870	1	Prequalifying Research	Richter	Joel
3881	BBS	870	1	Prequalifying Research	Rittenhouse	Ann
1591	BBS	870	1	Prequalifying Research	Rivera Perez	Jaime
1593	BBS	870	1	Prequalifying Research	Rock	Kenneth
2165	BBS	870	1	Prequalifying Research	Rogaev	Evgeny
4874	BBS	870	1	Prequalifying Research	Rosmarin	Alan
4465	BBS	870	1	Prequalifying Research	Rothschild	Anthony
1917	BBS	870	1	Prequalifying Research	Rothstein	Ann
1595	BBS	870	1	Prequalifying Research	Royer	William
1597	BBS	870	1	Prequalifying Research	Ruiz De Luzuriaga	Katherine
2253	BBS	870	1	Prequalifying Research	Ruscetti	Marcus
1617	BBS	870	1	Prequalifying Research	Ryder	Sean
3505	BBS	870	1	Prequalifying Research	Saranathan	Manojkumar
1619	BBS	870	1	Prequalifying Research	Sassetti	Christopher
2273	BBS	870	1	Prequalifying Research	Schaal	Shlomit
2099	BBS	870	1	Prequalifying Research	Schafer	Dorothy
1621	BBS	870	1	Prequalifying Research	Schiffer	Celia
3883	BBS	870	1	Prequalifying Research	Schrader	Carol
1633	BBS	870	1	Prequalifying Research	Selin	Liisa
1911	BBS	870	1	Prequalifying Research	Sena Esteves	Miguel
2275	BBS	870	1	Prequalifying Research	Shank	Elizabeth
1623	BBS	870	1	Prequalifying Research	Shaw	Leslie
2227	BBS	870	1	Prequalifying Research	Shen	Kuang
2129	BBS	870	1	Prequalifying Research	Shim	Jae-Hyuck
2177	BBS	870	1	Prequalifying Research	Shohet	Jason Matthew
1625	BBS	870	1	Prequalifying Research	Silverman	Neal
3887	BBS	870	1	Prequalifying Research	Simin	Karl

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4745	BBS	870	1	Prequalifying Research	Sirianni	Rachael
3889	BBS	870	1	Prequalifying Research	Sluss	Hayla
1627	BBS	870	1	Prequalifying Research	Socolovsky	Merav
1629	BBS	870	1	Prequalifying Research	Song	Jie
2387	BBS	870	1	Prequalifying Research	Soni	Apurv
2093	BBS	870	1	Prequalifying Research	Sontheimer	Erik
4467	BBS	870	1	Prequalifying Research	Spinelli	Jessica
1631	BBS	870	1	Prequalifying Research	Stern	Lawrence
1995	BBS	870	1	Prequalifying Research	Swain	Susan
2343	BBS	870	1	Prequalifying Research	Tai	Phillip
1849	BBS	870	1	Prequalifying Research	Tapper	Andrew
1653	BBS	870	1	Prequalifying Research	Theurkauf	William
2095	BBS	870	1	Prequalifying Research	Thompson	Paul
2221	BBS	870	1	Prequalifying Research	Thomson	Travis
4771	BBS	870	1	Prequalifying Research	Thyme	Summer
1655	BBS	870	1	Prequalifying Research	Tissenbaum	Heidi
1947	BBS	870	1	Prequalifying Research	Torres	Eduardo
3543	BBS	870	1	Prequalifying Research	Tran	Khanh-Van
2019	BBS	870	1	Prequalifying Research	Trivedi	Chinmay
3893	BBS	870	1	Prequalifying Research	Trombly	Melanie
2355	BBS	870	1	Prequalifying Research	Uthaman	Gowthaman
3895	BBS	870	1	Prequalifying Research	Volkert	Michael
1657	BBS	870	1	Prequalifying Research	Walhout	Albertha
2021	BBS	870	1	Prequalifying Research	Walker	Amy
3897	BBS	870	1	Prequalifying Research	Walz	Jens
3463	BBS	870	1	Prequalifying Research	Wang	Bo
4469	BBS	870	1	Prequalifying Research	Wang	Dan
1955	BBS	870	1	Prequalifying Research	Wang	Jennifer
3899	BBS	870	1	Prequalifying Research	Wang	Yang
3901	BBS	870	1	Prequalifying Research	Wang	Yong-Xu
4267	BBS	870	1	Prequalifying Research	Watson	Emma

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2107	BBS	870	1	Prequalifying Research	Watts	Jonathan
1659	BBS	870	1	Prequalifying Research	Weaver	David
1661	BBS	870	1	Prequalifying Research	Weng	Zhiping
4909	BBS	870	1	Prequalifying Research	Winder	Danny
3903	BBS	870	1	Prequalifying Research	Witman	George
3905	BBS	870	1	Prequalifying Research	Woda	Bruce
1663	BBS	870	1	Prequalifying Research	Wolfe	Scot
1923	BBS	870	1	Prequalifying Research	Xiang	Yang
1665	BBS	870	1	Prequalifying Research	Xu	Zuoshang
2065	BBS	870	1	Prequalifying Research	Xue	Wen
4875	BBS	870	1	Prequalifying Research	Yang	Hongwei
2371	BBS	870	1	Prequalifying Research	Yemini	Eviatar
4876	BBS	870	1	Prequalifying Research	Yilmaz	Lutfu
2277	BBS	870	1	Prequalifying Research	Youk	Hyun
1667	BBS	870	1	Prequalifying Research	Zamore	Phillip
3907	BBS	870	1	Prequalifying Research	Zapp	Maria
1669	BBS	870	1	Prequalifying Research	Zhang	Hong
3909	BBS	870	1	Prequalifying Research	Zhang	Jin
4709	BBS	870	1	Prequalifying Research	Zhong	Guocai
2279	BBS	870	1	Prequalifying Research	Zhou	Chan
4471	BBS	870	1	Prequalifying Research	Zhu	Lihua
1671	BBS	870	1	Prequalifying Research	Zhuge	Ronghua
2167	BBS	870	1	Prequalifying Research	Zitzewitz	Jill
4529	BBS	900	1	Thesis Research	Abdennur	Nezar
2039	BBS	900	1	Thesis Research	Alkema	Mark
2041	BBS	900	1	Thesis Research	Ambros	Victor
2077	BBS	900	1	Thesis Research	Aroian	Raffi
3451	BBS	900	1	Thesis Research	Aronin	Neil
4758	BBS	900	1	Thesis Research	Atukorale	Prabhani
3915	BBS	900	1	Thesis Research	Ayers	David
2189	BBS	900	1	Thesis Research	Bach	Ingolf

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1387	BBS	900	1	Thesis Research	Baehrecke	Eric
4531	BBS	900	1	Thesis Research	Barton	Bruce
2061	BBS	900	1	Thesis Research	Behar	Samuel
1961	BBS	900	1	Thesis Research	Benanti	Jennifer
2031	BBS	900	1	Thesis Research	Bergmann	Andreas
3917	BBS	900	1	Thesis Research	Bogdanov	Alexei
2205	BBS	900	1	Thesis Research	Bogunovic	Milena
1389	BBS	900	1	Thesis Research	Bolon	Daniel
1861	BBS	900	1	Thesis Research	Bosco	Daryl
2175	BBS	900	1	Thesis Research	Boudreaux	Edwin
2391	BBS	900	1	Thesis Research	Boulting	Gabriella
1897	BBS	900	1	Thesis Research	Brehm	Michael
2101	BBS	900	1	Thesis Research	Brewster	Robert
2251	BBS	900	1	Thesis Research	Brodsky	Michael
1871	BBS	900	1	Thesis Research	Brown	Robert
2235	BBS	900	1	Thesis Research	Bucci	Vanni
1391	BBS	900	1	Thesis Research	Budnik	Vivian
2135	BBS	900	1	Thesis Research	Byrne	Alexandra Catherine
3919	BBS	900	1	Thesis Research	Caffrey	Daniel
1393	BBS	900	1	Thesis Research	Cantor	Sharon
4055	BBS	900	1	Thesis Research	Caricchio	Roberto
1395	BBS	900	1	Thesis Research	Castilla	Lucio
2117	BBS	900	1	Thesis Research	Cavacini	Lisa
1921	BBS	900	1	Thesis Research	Ceol	Craig
2307	BBS	900	1	Thesis Research	Chan	Yingleong
1399	BBS	900	1	Thesis Research	Clark	Robin
2393	BBS	900	1	Thesis Research	Clayton	Kiera
4802	BBS	900	1	Thesis Research	Cochran	David
2347	BBS	900	1	Thesis Research	Colubri	Andres
4535	BBS	900	1	Thesis Research	Conte	Darryl
1401	BBS	900	1	Thesis Research	Corvera	Silvia

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3921	BBS	900	1	Thesis Research	Craig	Roger
4735	BBS	900	1	Thesis Research	Cutrona	Sarah
1403	BBS	900	1	Thesis Research	Czech	Michael Paul
1405	BBS	900	1	Thesis Research	Davis	Roger
1407	BBS	900	1	Thesis Research	Dekker	Job
4805	BBS	900	1	Thesis Research	Dominov	Janice
3923	BBS	900	1	Thesis Research	Donahue	John
4537	BBS	900	1	Thesis Research	Dunn	Raymond
4539	BBS	900	1	Thesis Research	Dutton	Richard
4269	BBS	900	1	Thesis Research	Edmiston	Elliot
4541	BBS	900	1	Thesis Research	Ellison	Richard
2321	BBS	900	1	Thesis Research	Emerson	Charles
1409	BBS	900	1	Thesis Research	Emery	Patrick
2395	BBS	900	1	Thesis Research	Fang	Wenwen
1963	BBS	900	1	Thesis Research	Fazzio	Thomas
4543	BBS	900	1	Thesis Research	Fisher	Daniel
3477	BBS	900	1	Thesis Research	Fitzgerald	Katherine
2211	BBS	900	1	Thesis Research	Fitzgerald	Thomas
2263	BBS	900	1	Thesis Research	Flavahan	William
3925	BBS	900	1	Thesis Research	Floreskim	Josue
1411	BBS	900	1	Thesis Research	Flotte	Terence
1413	BBS	900	1	Thesis Research	Francis	Michael
3927	BBS	900	1	Thesis Research	Frazier	Jean
3929	BBS	900	1	Thesis Research	Freedman	Jane
4699	BBS	900	1	Thesis Research	Fu	Accalia
1969	BBS	900	1	Thesis Research	Futai	Kensuke
3931	BBS	900	1	Thesis Research	Gagliardi	Susan
4155	BBS	900	1	Thesis Research	Gallucci	Stefania
1933	BBS	900	1	Thesis Research	Gao	Fen-Biao
1415	BBS	900	1	Thesis Research	Gao	Guangping
2015	BBS	900	1	Thesis Research	Garber	Manuel

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4547	BBS	900	1	Thesis Research	Gazzinelli	Ricardo
3933	BBS	900	1	Thesis Research	Gerstein	Rachel
3935	BBS	900	1	Thesis Research	Ginns	Edward
1417	BBS	900	1	Thesis Research	Goldberg	Robert Joel
1419	BBS	900	1	Thesis Research	Golenbock	Douglas
1421	BBS	900	1	Thesis Research	Gottlinger	Heinrich
4045	BBS	900	1	Thesis Research	Gounis	Matthew
2217	BBS	900	1	Thesis Research	Grayedwards	Heather Leigh
4047	BBS	900	1	Thesis Research	Green	Sharone
2169	BBS	900	1	Thesis Research	Greer	Paul Lieberman
4049	BBS	900	1	Thesis Research	Greiner	Dale
2331	BBS	900	1	Thesis Research	Grigorieff	Nikolaus
2013	BBS	900	1	Thesis Research	Grunwald	David
1907	BBS	900	1	Thesis Research	Guertin	David
4877	BBS	900	1	Thesis Research	Hafer	Nathaniel
4051	BBS	900	1	Thesis Research	Hall-Anderson	Lisa
1985	BBS	900	1	Thesis Research	Han	Gang
2397	BBS	900	1	Thesis Research	Haran	John
4549	BBS	900	1	Thesis Research	Harlan	David
1983	BBS	900	1	Thesis Research	Harris	John
2141	BBS	900	1	Thesis Research	Haynes	Cole
1425	BBS	900	1	Thesis Research	Hayward	Lawrence
4271	BBS	900	1	Thesis Research	Hemming	Matthew
4585	BBS	900	1	Thesis Research	Hendricks	Gregory
3471	BBS	900	1	Thesis Research	Henninger	Nils
4053	BBS	900	1	Thesis Research	Houghton	Jeanmarie
3519	BBS	900	1	Thesis Research	Humphries	Fiachra Emanuel
1427	BBS	900	1	Thesis Research	Huseby	Eric
1429	BBS	900	1	Thesis Research	Imbalzano	Anthony
4057	BBS	900	1	Thesis Research	Iorio	Ronald
1431	BBS	900	1	Thesis Research	Ip	Yicktung



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2151	BBS	900	1	Thesis Research	Irazoqui	Javier Elbio
1433	BBS	900	1	Thesis Research	Jacobson	Allan
2197	BBS	900	1	Thesis Research	Johnson	Mark Damone
1435	BBS	900	1	Thesis Research	Kang	Joonsoo
2079	BBS	900	1	Thesis Research	Karlsson	Elinor
1437	BBS	900	1	Thesis Research	Kaufman	Paul
4878	BBS	900	1	Thesis Research	Kay	Jonathan
2383	BBS	900	1	Thesis Research	Keeler-Klunk	Allison
2051	BBS	900	1	Thesis Research	Kelch	Brian
1699	BBS	900	1	Thesis Research	Kelliher	Michelle
1981	BBS	900	1	Thesis Research	Kennedy	David
1381	BBS	900	1	Thesis Research	Khvorova	Anastasia
2119	BBS	900	1	Thesis Research	Kim	Dohoon
1859	BBS	900	1	Thesis Research	Kim	Jason
4879	BBS	900	1	Thesis Research	Kim	Sohye
4059	BBS	900	1	Thesis Research	King	Michael
4061	BBS	900	1	Thesis Research	King	Oliver
4587	BBS	900	1	Thesis Research	Ko	Eric Chi Ching
1439	BBS	900	1	Thesis Research	Kobertz	William
1441	BBS	900	1	Thesis Research	Kornfeld	Hardy
1993	BBS	900	1	Thesis Research	Korostelev	Andrei
2261	BBS	900	1	Thesis Research	Koupenova	Milka
1443	BBS	900	1	Thesis Research	Kowalik	Timothy
4880	BBS	900	1	Thesis Research	Kurt Yilmaz	Nese
1445	BBS	900	1	Thesis Research	Kurt-Jones	Evelyn
4063	BBS	900	1	Thesis Research	Lambright	David
1903	BBS	900	1	Thesis Research	Landers	John
2027	BBS	900	1	Thesis Research	Lane	Mary
3453	BBS	900	1	Thesis Research	Lawrence	Jeanne
1447	BBS	900	1	Thesis Research	Lawson	Nathan
4273	BBS	900	1	Thesis Research	Lee	Darren

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2057	BBS	900	1	Thesis Research	Lee	Michael
1449	BBS	900	1	Thesis Research	Levitz	Stuart
1451	BBS	900	1	Thesis Research	Lewis	Brian
1453	BBS	900	1	Thesis Research	Li	Hong-Sheng
2309	BBS	900	1	Thesis Research	Li	Li
1853	BBS	900	1	Thesis Research	Li	Shaoguang
1455	BBS	900	1	Thesis Research	Lien	Egil
4067	BBS	900	1	Thesis Research	Lilly	Craig
2311	BBS	900	1	Thesis Research	Lim	Teng-Ting
4746	BBS	900	1	Thesis Research	Lin	Honghuang
2241	BBS	900	1	Thesis Research	Lodato	Michael
4888	BBS	900	1	Thesis Research	Logan	Ryan
1457	BBS	900	1	Thesis Research	Lu	Shan
2005	BBS	900	1	Thesis Research	Luban	Jeremy
4069	BBS	900	1	Thesis Research	Lyle	Stephen
4071	BBS	900	1	Thesis Research	Madoff	Lawrence
2003	BBS	900	1	Thesis Research	Maehr	Rene
2491	BBS	900	1	Thesis Research	Maldonadocontreras	Ana
4073	BBS	900	1	Thesis Research	Mandon	Elisabet
1881	BBS	900	1	Thesis Research	Mandrekar	Pranoti
1873	BBS	900	1	Thesis Research	Mao	Junhao
1899	BBS	900	1	Thesis Research	Martin	Gilles
4141	BBS	900	1	Thesis Research	Martins	Paulo
1459	BBS	900	1	Thesis Research	Massi	Francesca
4143	BBS	900	1	Thesis Research	Matijasevic	Zdenka
1461	BBS	900	1	Thesis Research	Matthews	Charles
1463	BBS	900	1	Thesis Research	Mccollum	Dannel
3455	BBS	900	1	Thesis Research	Mccormick	Beth
1527	BBS	900	1	Thesis Research	Melikian	Haley
1529	BBS	900	1	Thesis Research	Mello	Craig
1531	BBS	900	1	Thesis Research	Mercurio	Arthur

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1533	BBS	900	1	Thesis Research	Miller	Stephen
2153	BBS	900	1	Thesis Research	Mitchell	Amir Zadok
4778	BBS	900	1	Thesis Research	Modarres	Mo Hammad
4589	BBS	900	1	Thesis Research	Moore	Jill
1883	BBS	900	1	Thesis Research	Moormann	Ann
4145	BBS	900	1	Thesis Research	Mordes	John
1535	BBS	900	1	Thesis Research	Morrison	Trudy
4147	BBS	900	1	Thesis Research	Moser	Richard
4591	BBS	900	1	Thesis Research	Mullen	Alan
3481	BBS	900	1	Thesis Research	Munro	James
1537	BBS	900	1	Thesis Research	Munson	Maryann
4149	BBS	900	1	Thesis Research	Murphy	Kenan
2493	BBS	900	1	Thesis Research	Nandadasa	Horadigala Gamage Sumeda
1539	BBS	900	1	Thesis Research	Newburger	Peter
4151	BBS	900	1	Thesis Research	Nickerson	Jeffrey
2365	BBS	900	1	Thesis Research	Nundel	Kerstin
1541	BBS	900	1	Thesis Research	Ockene	Judith
2281	BBS	900	1	Thesis Research	Orzalli	Megan Horn
1951	BBS	900	1	Thesis Research	Ostroff	Gary
2183	BBS	900	1	Thesis Research	Pai	Athma Anjali
1599	BBS	900	1	Thesis Research	Pazour	Gregory
4153	BBS	900	1	Thesis Research	Pederson	Thoru
4593	BBS	900	1	Thesis Research	Person	Sharina
1601	BBS	900	1	Thesis Research	Peterson	Craig
4303	BBS	900	1	Thesis Research	Pitarresi	Jason Robert
1603	BBS	900	1	Thesis Research	Pryciak	Peter
4889	BBS	900	1	Thesis Research	Puig	Stephanie
2081	BBS	900	1	Thesis Research	Pukkila-Worley	Read
1987	BBS	900	1	Thesis Research	Punzo	Claudio
2373	BBS	900	1	Thesis Research	Quinton	Lee
1605	BBS	900	1	Thesis Research	Ram	Sanjay

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4597	BBS	900	1	Thesis Research	Ramirezortiz	Zaida Gisela
1607	BBS	900	1	Thesis Research	Rando	Oliver
3531	BBS	900	1	Thesis Research	Rashighi Firoozabadi	Mehdi
2139	BBS	900	1	Thesis Research	Reboldi	Andrea
4305	BBS	900	1	Thesis Research	Redding	Sy
4892	BBS	900	1	Thesis Research	Reppert	Steven
1609	BBS	900	1	Thesis Research	Rhind	Nicholas
4157	BBS	900	1	Thesis Research	Rice	Peter
2335	BBS	900	1	Thesis Research	Richmond	Jillian
1611	BBS	900	1	Thesis Research	Richter	Joel
4159	BBS	900	1	Thesis Research	Rittenhouse	Ann
1613	BBS	900	1	Thesis Research	Rivera Perez	Jaime
1615	BBS	900	1	Thesis Research	Rock	Kenneth
2171	BBS	900	1	Thesis Research	Rogaev	Evgeny
4893	BBS	900	1	Thesis Research	Rosmarin	Alan
4601	BBS	900	1	Thesis Research	Rothschild	Anthony
1957	BBS	900	1	Thesis Research	Rothstein	Ann
1635	BBS	900	1	Thesis Research	Royer	William
1637	BBS	900	1	Thesis Research	Ruiz De Luzuriaga	Katherine
2259	BBS	900	1	Thesis Research	Ruscetti	Marcus
1639	BBS	900	1	Thesis Research	Ryder	Sean
3507	BBS	900	1	Thesis Research	Saranathan	Manojkumar
1641	BBS	900	1	Thesis Research	Sassetti	Christopher
2283	BBS	900	1	Thesis Research	Schaal	Shlomit
2103	BBS	900	1	Thesis Research	Schafer	Dorothy
1643	BBS	900	1	Thesis Research	Schiffer	Celia
4161	BBS	900	1	Thesis Research	Schrader	Carol
1645	BBS	900	1	Thesis Research	Selin	Liisa
1913	BBS	900	1	Thesis Research	Sena Esteves	Miguel
2285	BBS	900	1	Thesis Research	Shank	Elizabeth
1647	BBS	900	1	Thesis Research	Shaw	Leslie

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2229	BBS	900	1	Thesis Research	Shen	Kuang
2137	BBS	900	1	Thesis Research	Shim	Jae-Hyuck
2179	BBS	900	1	Thesis Research	Shohet	Jason Matthew
1649	BBS	900	1	Thesis Research	Silverman	Neal
4165	BBS	900	1	Thesis Research	Simin	Karl
4747	BBS	900	1	Thesis Research	Sirianni	Rachael
4167	BBS	900	1	Thesis Research	Sluss	Hayla
1651	BBS	900	1	Thesis Research	Socolovsky	Merav
1673	BBS	900	1	Thesis Research	Song	Jie
2389	BBS	900	1	Thesis Research	Soni	Apurv
2083	BBS	900	1	Thesis Research	Sontheimer	Erik
4603	BBS	900	1	Thesis Research	Spinelli	Jessica
1675	BBS	900	1	Thesis Research	Stern	Lawrence
1989	BBS	900	1	Thesis Research	Swain	Susan
2349	BBS	900	1	Thesis Research	Tai	Phillip
1677	BBS	900	1	Thesis Research	Tapper	Andrew
1679	BBS	900	1	Thesis Research	Theurkauf	William
2085	BBS	900	1	Thesis Research	Thompson	Paul
2223	BBS	900	1	Thesis Research	Thomson	Travis
4777	BBS	900	1	Thesis Research	Thyme	Summer
1681	BBS	900	1	Thesis Research	Tissenbaum	Heidi
1397	BBS	900	1	Thesis Research	Torres	Eduardo
3545	BBS	900	1	Thesis Research	Tran	Khanh-Van
2043	BBS	900	1	Thesis Research	Trivedi	Chinmay
4171	BBS	900	1	Thesis Research	Trombly	Melanie
2357	BBS	900	1	Thesis Research	Uthaman	Gowthaman
4173	BBS	900	1	Thesis Research	Volkert	Michael
1683	BBS	900	1	Thesis Research	Walhout	Albertha
2023	BBS	900	1	Thesis Research	Walker	Amy
4175	BBS	900	1	Thesis Research	Walz	Jens
4177	BBS	900	1	Thesis Research	Wang	Bo

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4605	BBS	900	1	Thesis Research	Wang	Dan
1959	BBS	900	1	Thesis Research	Wang	Jennifer
4179	BBS	900	1	Thesis Research	Wang	Yang
4181	BBS	900	1	Thesis Research	Wang	Yong-Xu
4275	BBS	900	1	Thesis Research	Watson	Emma
2109	BBS	900	1	Thesis Research	Watts	Jonathan
1685	BBS	900	1	Thesis Research	Weaver	David
1687	BBS	900	1	Thesis Research	Weng	Zhiping
4910	BBS	900	1	Thesis Research	Winder	Danny
4183	BBS	900	1	Thesis Research	Witman	George
4185	BBS	900	1	Thesis Research	Woda	Bruce
1689	BBS	900	1	Thesis Research	Wolfe	Scot
1925	BBS	900	1	Thesis Research	Xiang	Yang
1691	BBS	900	1	Thesis Research	Xu	Zuoshang
2067	BBS	900	1	Thesis Research	Xue	Wen
4894	BBS	900	1	Thesis Research	Yang	Hongwei
2375	BBS	900	1	Thesis Research	Yemini	Eviatar
4895	BBS	900	1	Thesis Research	Yilmaz	Lutfu
2287	BBS	900	1	Thesis Research	Youk	Hyun
1693	BBS	900	1	Thesis Research	Zamore	Phillip
4187	BBS	900	1	Thesis Research	Zapp	Maria
1695	BBS	900	1	Thesis Research	Zhang	Hong
4189	BBS	900	1	Thesis Research	Zhang	Jin
4711	BBS	900	1	Thesis Research	Zhong	Guocai
2289	BBS	900	1	Thesis Research	Zhou	Chan
4607	BBS	900	1	Thesis Research	Zhu	Lihua
1697	BBS	900	1	Thesis Research	Zhuge	Ronghua
2173	BBS	900	1	Thesis Research	Zitzewitz	Jill
4227	BBS	990	1	Graduate Research	Abdennur	Nezar
2417	BBS	990	1	Graduate Research	Alkema	Mark
2419	BBS	990	1	Graduate Research	Ambros	Victor

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2069	BBS	990	1	Graduate Research	Aroian	Raffi
1701	BBS	990	1	Graduate Research	Aronin	Neil
4759	BBS	990	1	Graduate Research	Atukorale	Prabhani
4193	BBS	990	1	Graduate Research	Ayers	David
2191	BBS	990	1	Graduate Research	Bach	Ingolf
1703	BBS	990	1	Graduate Research	Baehrecke	Eric
4651	BBS	990	1	Graduate Research	Barton	Bruce
2063	BBS	990	1	Graduate Research	Behar	Samuel
1965	BBS	990	1	Graduate Research	Benanti	Jennifer
2467	BBS	990	1	Graduate Research	Bergmann	Andreas
4195	BBS	990	1	Graduate Research	Bogdanov	Alexei
2207	BBS	990	1	Graduate Research	Bogunovic	Milena
1705	BBS	990	1	Graduate Research	Bolon	Daniel
2439	BBS	990	1	Graduate Research	Bosco	Daryl
3487	BBS	990	1	Graduate Research	Boudreaux	Edwin
2407	BBS	990	1	Graduate Research	Boulting	Gabriella
1893	BBS	990	1	Graduate Research	Brehm	Michael
2475	BBS	990	1	Graduate Research	Brewster	Robert
4197	BBS	990	1	Graduate Research	Brodsky	Michael
1875	BBS	990	1	Graduate Research	Brown	Robert
2237	BBS	990	1	Graduate Research	Bucci	Vanni
1707	BBS	990	1	Graduate Research	Budnik	Vivian
2477	BBS	990	1	Graduate Research	Byrne	Alexandra Catherine
4199	BBS	990	1	Graduate Research	Caffrey	Daniel
1709	BBS	990	1	Graduate Research	Cantor	Sharon
1945	BBS	990	1	Graduate Research	Caricchio	Roberto
1711	BBS	990	1	Graduate Research	Castilla	Lucio
2121	BBS	990	1	Graduate Research	Cavacini	Lisa
2447	BBS	990	1	Graduate Research	Ceol	Craig
2313	BBS	990	1	Graduate Research	Chan	Yingleong
1715	BBS	990	1	Graduate Research	Clark	Robin

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2409	BBS	990	1	Graduate Research	Clayton	Kiera
4803	BBS	990	1	Graduate Research	Cochran	David
2351	BBS	990	1	Graduate Research	Colubri	Andres
4653	BBS	990	1	Graduate Research	Conte	Darryl
1717	BBS	990	1	Graduate Research	Corvera	Silvia
4201	BBS	990	1	Graduate Research	Craig	Roger
4737	BBS	990	1	Graduate Research	Cutrona	Sarah
1719	BBS	990	1	Graduate Research	Czech	Michael Paul
1721	BBS	990	1	Graduate Research	Davis	Roger
1723	BBS	990	1	Graduate Research	Dekker	Job
4804	BBS	990	1	Graduate Research	Dominov	Janice
2479	BBS	990	1	Graduate Research	Donahue	John
4655	BBS	990	1	Graduate Research	Dunn	Raymond
4657	BBS	990	1	Graduate Research	Dutton	Richard
4277	BBS	990	1	Graduate Research	Edmiston	Elliot
4659	BBS	990	1	Graduate Research	Ellison	Richard
2323	BBS	990	1	Graduate Research	Emerson	Charles
2421	BBS	990	1	Graduate Research	Emery	Patrick
2411	BBS	990	1	Graduate Research	Fang	Wenwen
2455	BBS	990	1	Graduate Research	Fazzio	Thomas
4661	BBS	990	1	Graduate Research	Fisher	Daniel
1725	BBS	990	1	Graduate Research	Fitzgerald	Katherine
2213	BBS	990	1	Graduate Research	Fitzgerald	Thomas
2269	BBS	990	1	Graduate Research	Flavahan	William
4203	BBS	990	1	Graduate Research	Floreskim	Josue
1727	BBS	990	1	Graduate Research	Flotte	Terence
4205	BBS	990	1	Graduate Research	Francis	Michael
4701	BBS	990	1	Graduate Research	Fu	Accalia
1971	BBS	990	1	Graduate Research	Futai	Kensuke
4663	BBS	990	1	Graduate Research	Gallucci	Stefania
1935	BBS	990	1	Graduate Research	Gao	Fen-Biao



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1729	BBS	990	1	Graduate Research	Gao	Guangping
2473	BBS	990	1	Graduate Research	Garber	Manuel
4665	BBS	990	1	Graduate Research	Gazzinelli	Ricardo
4211	BBS	990	1	Graduate Research	Gerstein	Rachel
4213	BBS	990	1	Graduate Research	Ginns	Edward
1731	BBS	990	1	Graduate Research	Goldberg	Robert Joel
1733	BBS	990	1	Graduate Research	Golenbock	Douglas
1735	BBS	990	1	Graduate Research	Gottlinger	Heinrich
4215	BBS	990	1	Graduate Research	Gounis	Matthew
2219	BBS	990	1	Graduate Research	Grayedwards	Heather Leigh
4233	BBS	990	1	Graduate Research	Green	Sharone
2161	BBS	990	1	Graduate Research	Greer	Paul Lieberman
1737	BBS	990	1	Graduate Research	Greiner	Dale
2337	BBS	990	1	Graduate Research	Grigorieff	Nikolaus
2017	BBS	990	1	Graduate Research	Grunwald	David
1909	BBS	990	1	Graduate Research	Guertin	David
4896	BBS	990	1	Graduate Research	Hafer	Nathaniel
4231	BBS	990	1	Graduate Research	Hall-Anderson	Lisa
2457	BBS	990	1	Graduate Research	Han	Gang
2413	BBS	990	1	Graduate Research	Haran	John
4667	BBS	990	1	Graduate Research	Harlan	David
4669	BBS	990	1	Graduate Research	Harris	John
2483	BBS	990	1	Graduate Research	Haynes	Cole
1739	BBS	990	1	Graduate Research	Hayward	Lawrence
4279	BBS	990	1	Graduate Research	Hemming	Matthew
4671	BBS	990	1	Graduate Research	Hendricks	Gregory
2199	BBS	990	1	Graduate Research	Henninger	Nils
4229	BBS	990	1	Graduate Research	Houghton	Jeanmarie
3521	BBS	990	1	Graduate Research	Humphries	Fiachra Emanuel
1741	BBS	990	1	Graduate Research	Huseby	Eric
1743	BBS	990	1	Graduate Research	Imbalzano	Anthony

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4225	BBS	990	1	Graduate Research	Iorio	Ronald
1745	BBS	990	1	Graduate Research	Ip	Yicktung
2155	BBS	990	1	Graduate Research	Irazoqui	Javier Elbio
1747	BBS	990	1	Graduate Research	Jacobson	Allan
2201	BBS	990	1	Graduate Research	Johnson	Mark Damone
1749	BBS	990	1	Graduate Research	Kang	Joonsoo
2071	BBS	990	1	Graduate Research	Karlsson	Elinor
1751	BBS	990	1	Graduate Research	Kaufman	Paul
4897	BBS	990	1	Graduate Research	Kay	Jonathan
2385	BBS	990	1	Graduate Research	Keeler-Klunk	Allison
2053	BBS	990	1	Graduate Research	Kelch	Brian
1753	BBS	990	1	Graduate Research	Kelliher	Michelle
1999	BBS	990	1	Graduate Research	Kennedy	David
1383	BBS	990	1	Graduate Research	Khvorova	Anastasia
2123	BBS	990	1	Graduate Research	Kim	Dohoon
1863	BBS	990	1	Graduate Research	Kim	Jason
4898	BBS	990	1	Graduate Research	Kim	Sohye
4223	BBS	990	1	Graduate Research	King	Michael
4221	BBS	990	1	Graduate Research	King	Oliver
4673	BBS	990	1	Graduate Research	Ko	Eric Chi Ching
1755	BBS	990	1	Graduate Research	Kobertz	William
1757	BBS	990	1	Graduate Research	Kornfeld	Hardy
2463	BBS	990	1	Graduate Research	Korostelev	Andrei
2267	BBS	990	1	Graduate Research	Koupenova	Milka
1759	BBS	990	1	Graduate Research	Kowalik	Timothy
4899	BBS	990	1	Graduate Research	Kurt Yilmaz	Nese
1761	BBS	990	1	Graduate Research	Kurt-Jones	Evelyn
4219	BBS	990	1	Graduate Research	Lambright	David
2449	BBS	990	1	Graduate Research	Landers	John
4217	BBS	990	1	Graduate Research	Lane	Mary
1763	BBS	990	1	Graduate Research	Lawrence	Jeanne

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1765	BBS	990	1	Graduate Research	Lawson	Nathan
4281	BBS	990	1	Graduate Research	Lee	Darren
2059	BBS	990	1	Graduate Research	Lee	Michael
1767	BBS	990	1	Graduate Research	Levitz	Stuart
1769	BBS	990	1	Graduate Research	Lewis	Brian
1771	BBS	990	1	Graduate Research	Li	Hong-Sheng
2315	BBS	990	1	Graduate Research	Li	Li
2437	BBS	990	1	Graduate Research	Li	Shaoguang
1773	BBS	990	1	Graduate Research	Lien	Egil
2317	BBS	990	1	Graduate Research	Lim	Teng-Ting
4748	BBS	990	1	Graduate Research	Lin	Honghuang
2243	BBS	990	1	Graduate Research	Lodato	Michael
4900	BBS	990	1	Graduate Research	Logan	Ryan
1775	BBS	990	1	Graduate Research	Lu	Shan
2471	BBS	990	1	Graduate Research	Luban	Jeremy
4239	BBS	990	1	Graduate Research	Lyle	Stephen
2469	BBS	990	1	Graduate Research	Maehr	Rene
2495	BBS	990	1	Graduate Research	Maldonadocontreras	Ana
4241	BBS	990	1	Graduate Research	Mandon	Elisabet
1885	BBS	990	1	Graduate Research	Mandrekar	Pranoti
2441	BBS	990	1	Graduate Research	Mao	Junhao
1895	BBS	990	1	Graduate Research	Martin	Gilles
4243	BBS	990	1	Graduate Research	Martins	Paulo
1777	BBS	990	1	Graduate Research	Massi	Francesca
4075	BBS	990	1	Graduate Research	Matijasevic	Zdenka
1779	BBS	990	1	Graduate Research	Matthews	Charles
2423	BBS	990	1	Graduate Research	Mccollum	Dannel
2443	BBS	990	1	Graduate Research	Mccormick	Beth
1781	BBS	990	1	Graduate Research	Melikian	Haley
2425	BBS	990	1	Graduate Research	Mello	Craig
1783	BBS	990	1	Graduate Research	Mercurio	Arthur

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
1785	BBS	990	1	Graduate Research	Miller	Stephen
2157	BBS	990	1	Graduate Research	Mitchell	Amir Zadok
4780	BBS	990	1	Graduate Research	Modarres	Mo Hammad
4675	BBS	990	1	Graduate Research	Moore	Jill
1887	BBS	990	1	Graduate Research	Moormann	Ann
4077	BBS	990	1	Graduate Research	Mordes	John
1787	BBS	990	1	Graduate Research	Morrison	Trudy
4079	BBS	990	1	Graduate Research	Moser	Richard
4677	BBS	990	1	Graduate Research	Mullen	Alan
2247	BBS	990	1	Graduate Research	Munro	James
1789	BBS	990	1	Graduate Research	Munson	Maryann
4081	BBS	990	1	Graduate Research	Murphy	Kenan
4083	BBS	990	1	Graduate Research	Nandadasa	Horadigala Gamage Sumeda
1791	BBS	990	1	Graduate Research	Newburger	Peter
4085	BBS	990	1	Graduate Research	Nickerson	Jeffrey
2367	BBS	990	1	Graduate Research	Nundel	Kerstin
1793	BBS	990	1	Graduate Research	Ockene	Judith
2291	BBS	990	1	Graduate Research	Orzalli	Megan Horn
1953	BBS	990	1	Graduate Research	Ostroff	Gary
2485	BBS	990	1	Graduate Research	Pai	Athma Anjali
1795	BBS	990	1	Graduate Research	Pazour	Gregory
4087	BBS	990	1	Graduate Research	Pederson	Thoru
4679	BBS	990	1	Graduate Research	Person	Sharina
1797	BBS	990	1	Graduate Research	Peterson	Craig
1865	BBS	990	1	Graduate Research	Pitarresi	Jason Robert
1799	BBS	990	1	Graduate Research	Pryciak	Peter
4901	BBS	990	1	Graduate Research	Puig	Stephanie
2073	BBS	990	1	Graduate Research	Pukkila-Worley	Read
2459	BBS	990	1	Graduate Research	Punzo	Claudio
2377	BBS	990	1	Graduate Research	Quinton	Lee
2427	BBS	990	1	Graduate Research	Ram	Sanjay

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4683	BBS	990	1	Graduate Research	Ramirezortiz	Zaida Gisela
2429	BBS	990	1	Graduate Research	Rando	Oliver
3533	BBS	990	1	Graduate Research	Rashighi Firoozabadi	Mehdi
2145	BBS	990	1	Graduate Research	Reboldi	Andrea
2445	BBS	990	1	Graduate Research	Redding	Sy
4902	BBS	990	1	Graduate Research	Reppert	Steven
1801	BBS	990	1	Graduate Research	Rhind	Nicholas
4091	BBS	990	1	Graduate Research	Rice	Peter
2341	BBS	990	1	Graduate Research	Richmond	Jillian
1803	BBS	990	1	Graduate Research	Richter	Joel
4093	BBS	990	1	Graduate Research	Rittenhouse	Ann
1805	BBS	990	1	Graduate Research	Rivera Perez	Jaime
1807	BBS	990	1	Graduate Research	Rock	Kenneth
4095	BBS	990	1	Graduate Research	Rogaev	Evgeny
4903	BBS	990	1	Graduate Research	Rosmarin	Alan
4625	BBS	990	1	Graduate Research	Rothschild	Anthony
2451	BBS	990	1	Graduate Research	Rothstein	Ann
2431	BBS	990	1	Graduate Research	Royer	William
1809	BBS	990	1	Graduate Research	Ruiz De Luzuriaga	Katherine
2265	BBS	990	1	Graduate Research	Ruscetti	Marcus
1811	BBS	990	1	Graduate Research	Ryder	Sean
3509	BBS	990	1	Graduate Research	Saranathan	Manojkumar
1813	BBS	990	1	Graduate Research	Sassetti	Christopher
2293	BBS	990	1	Graduate Research	Schaal	Shlomit
2105	BBS	990	1	Graduate Research	Schafer	Dorothy
1815	BBS	990	1	Graduate Research	Schiffer	Celia
4097	BBS	990	1	Graduate Research	Schrader	Carol
1817	BBS	990	1	Graduate Research	Selin	Liisa
1915	BBS	990	1	Graduate Research	Sena Esteves	Miguel
2295	BBS	990	1	Graduate Research	Shank	Elizabeth
1819	BBS	990	1	Graduate Research	Shaw	Leslie

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2231	BBS	990	1	Graduate Research	Shen	Kuang
2143	BBS	990	1	Graduate Research	Shim	Jae-Hyuck
4099	BBS	990	1	Graduate Research	Shohet	Jason Matthew
1821	BBS	990	1	Graduate Research	Silverman	Neal
4101	BBS	990	1	Graduate Research	Simin	Karl
4749	BBS	990	1	Graduate Research	Sirianni	Rachael
4103	BBS	990	1	Graduate Research	Sluss	Hayla
1823	BBS	990	1	Graduate Research	Socolovsky	Merav
1825	BBS	990	1	Graduate Research	Song	Jie
3491	BBS	990	1	Graduate Research	Soni	Apurv
3489	BBS	990	1	Graduate Research	Sontheimer	Erik
4627	BBS	990	1	Graduate Research	Spinelli	Jessica
1827	BBS	990	1	Graduate Research	Stern	Lawrence
2461	BBS	990	1	Graduate Research	Swain	Susan
2353	BBS	990	1	Graduate Research	Tai	Phillip
1829	BBS	990	1	Graduate Research	Tapper	Andrew
1831	BBS	990	1	Graduate Research	Theurkauf	William
2075	BBS	990	1	Graduate Research	Thompson	Paul
2225	BBS	990	1	Graduate Research	Thomson	Travis
4779	BBS	990	1	Graduate Research	Thyme	Summer
1833	BBS	990	1	Graduate Research	Tissenbaum	Heidi
1713	BBS	990	1	Graduate Research	Torres	Eduardo
3547	BBS	990	1	Graduate Research	Tran	Khanh-Van
2465	BBS	990	1	Graduate Research	Trivedi	Chinmay
4107	BBS	990	1	Graduate Research	Trombly	Melanie
2359	BBS	990	1	Graduate Research	Uthaman	Gowthaman
4109	BBS	990	1	Graduate Research	Volkert	Michael
1835	BBS	990	1	Graduate Research	Walhout	Albertha
2025	BBS	990	1	Graduate Research	Walker	Amy
4111	BBS	990	1	Graduate Research	Wang	Bo
4629	BBS	990	1	Graduate Research	Wang	Dan

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2453	BBS	990	1	Graduate Research	Wang	Jennifer
4113	BBS	990	1	Graduate Research	Wang	Yang
4115	BBS	990	1	Graduate Research	Wang	Yong-Xu
4283	BBS	990	1	Graduate Research	Watson	Emma
2111	BBS	990	1	Graduate Research	Watts	Jonathan
1837	BBS	990	1	Graduate Research	Weaver	David
1839	BBS	990	1	Graduate Research	Weng	Zhiping
4911	BBS	990	1	Graduate Research	Winder	Danny
4117	BBS	990	1	Graduate Research	Witman	George
4119	BBS	990	1	Graduate Research	Woda	Bruce
1841	BBS	990	1	Graduate Research	Wolfe	Scot
1927	BBS	990	1	Graduate Research	Xiang	Yang
1843	BBS	990	1	Graduate Research	Xu	Zuoshang
3485	BBS	990	1	Graduate Research	Xue	Wen
4904	BBS	990	1	Graduate Research	Yang	Hongwei
2379	BBS	990	1	Graduate Research	Yemini	Eviatar
4905	BBS	990	1	Graduate Research	Yilmaz	Lutfu
2297	BBS	990	1	Graduate Research	Youk	Hyun
2433	BBS	990	1	Graduate Research	Zamore	Phillip
4121	BBS	990	1	Graduate Research	Zapp	Maria
2435	BBS	990	1	Graduate Research	Zhang	Hong
4123	BBS	990	1	Graduate Research	Zhang	Jin
4713	BBS	990	1	Graduate Research	Zhong	Guocai
2299	BBS	990	1	Graduate Research	Zhou	Chan
4631	BBS	990	1	Graduate Research	Zhu	Lihua
1845	BBS	990	1	Graduate Research	Zhuge	Ronghua
4125	BBS	990	1	Graduate Research	Zitzewitz	Jill

## Clinical and Translational Science Class Number List

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4887	CTS	602A	1	Adv Epidemiology & Res Mthds	Nunes	Anthony
3495	CTS	603A	1	Generalized Linear Models	Lee	Jung
3425	CTS	611	1	Scientific Writing	Goldberg	Robert Joel
4890	CTS	727	1	Use Exist.Pop.Based PHlth Data	Liu	Shao-Hsien
4765	CTS	731	1	Social and Behavioral Determin	Lemon	Stephenie
CANCELLED	CTS	732	1	Qualit.Methods Health Research	Dube	Catherine
CANCELLED	CTS	734	1	Place and Health	Jesdale	William
3393	CTS	799	1	Independent Study	Aidlen	Jeremy
3379	CTS	799	1	Independent Study	Alavi	Karim
3405	CTS	799	1	Independent Study	Alcusky	Matthew James
3375	CTS	799	1	Independent Study	Allison	Jeroan
3411	CTS	799	1	Independent Study	Baek	Jong Gyu
3421	CTS	799	1	Independent Study	Byatt	Nancy
3415	CTS	799	1	Independent Study	Curtin	Carol
3389	CTS	799	1	Independent Study	Epstein	Mara
3383	CTS	799	1	Independent Study	Fang	Hua
3413	CTS	799	1	Independent Study	Forrester	Sarah Nicole
3387	CTS	799	1	Independent Study	Goldberg	Robert Joel
3377	CTS	799	1	Independent Study	Jesdale	William
3385	CTS	799	1	Independent Study	Lemon	Stephenie
3399	CTS	799	1	Independent Study	Liu	Shao-Hsien
3391	CTS	799	1	Independent Study	Ma	Yunsheng
3407	CTS	799	1	Independent Study	Moore Simas	Tiffany
3409	CTS	799	1	Independent Study	Nunes	Anthony
3373	CTS	799	1	Independent Study	Person	Sharina
3417	CTS	799	1	Independent Study	Rhein	Lawrence
3395	CTS	799	1	Independent Study	Rosal	Milagros
3401	CTS	799	1	Independent Study	Sadasivam	Rajani
3403	CTS	799	1	Independent Study	Ulbricht	Christine
3419	CTS	799	1	Independent Study	Wang	Bo



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3365	CTS	799	1	Independent Study	Zhou	Chan
4782	CTS	850	1	Research Assistantship	Adler	Ronald
3115	CTS	850	1	Research Assistantship	Aidlen	Jeremy
3163	CTS	850	1	Research Assistantship	Alavi	Karim
3217	CTS	850	1	Research Assistantship	Alcusky	Matthew James
3105	CTS	850	1	Research Assistantship	Allison	Jeroan
4786	CTS	850	1	Research Assistantship	Amante	Daniel
4355	CTS	850	1	Research Assistantship	Anderson	Melissa
3165	CTS	850	1	Research Assistantship	Ash	Arlene
4357	CTS	850	1	Research Assistantship	Ayers	David
3359	CTS	850	1	Research Assistantship	Baek	Jong Gyu
4127	CTS	850	1	Research Assistantship	Barton	Bruce
4129	CTS	850	1	Research Assistantship	Bird	Steven
4131	CTS	850	1	Research Assistantship	Blake-Johnson	Diane
4359	CTS	850	1	Research Assistantship	Boudreaux	Edwin
4789	CTS	850	1	Research Assistantship	Bova	Carol
4361	CTS	850	1	Research Assistantship	Brown	Robert
3171	CTS	850	1	Research Assistantship	Byatt	Nancy
4761	CTS	850	1	Research Assistantship	Castanedaavila	Maira
3109	CTS	850	1	Research Assistantship	Clark	Robin
4717	CTS	850	1	Research Assistantship	Clements	Karen
4133	CTS	850	1	Research Assistantship	Crawford	Sybil
3257	CTS	850	1	Research Assistantship	Curtin	Carol
4363	CTS	850	1	Research Assistantship	Cutrona	Sarah
4135	CTS	850	1	Research Assistantship	Darling	Chad
3293	CTS	850	1	Research Assistantship	Davis	Maryann
4365	CTS	850	1	Research Assistantship	Dube	Catherine
4367	CTS	850	1	Research Assistantship	Ellison	Richard
3161	CTS	850	1	Research Assistantship	Epstein	Mara
4369	CTS	850	1	Research Assistantship	Faro	Jamie
3259	CTS	850	1	Research Assistantship	Fisher	Kimberly

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4371	CTS	850	1	Research Assistantship	Flotte	Terence
3295	CTS	850	1	Research Assistantship	Forrester	Sarah Nicole
4139	CTS	850	1	Research Assistantship	Friedmann	Peter
3297	CTS	850	1	Research Assistantship	Garg	Arvin
4373	CTS	850	1	Research Assistantship	Gerber	Ben
3823	CTS	850	1	Research Assistantship	Gibson	Laura
3083	CTS	850	1	Research Assistantship	Goldberg	Robert Joel
4375	CTS	850	1	Research Assistantship	Green	Sharone
3825	CTS	850	1	Research Assistantship	Gurwitz	Jerry Howard
3827	CTS	850	1	Research Assistantship	Hargraves	J
3829	CTS	850	1	Research Assistantship	Harlan	David
3831	CTS	850	1	Research Assistantship	Hoaglin	David
3833	CTS	850	1	Research Assistantship	Jesdale	William
4811	CTS	850	1	Research Assistantship	Kay	Jonathan
3101	CTS	850	1	Research Assistantship	Kiefe	Catarina
4377	CTS	850	1	Research Assistantship	Kim	Jason
4812	CTS	850	1	Research Assistantship	Kim	Sohye
4813	CTS	850	1	Research Assistantship	Krolldesrosiers	Aimee
4837	CTS	850	1	Research Assistantship	Kumaraswami	Tara
3043	CTS	850	1	Research Assistantship	Lapane	Kate
3299	CTS	850	1	Research Assistantship	Larkin	Celine
4379	CTS	850	1	Research Assistantship	Lee	Austin
4770	CTS	850	1	Research Assistantship	Lee-Bartlett	Jung
4814	CTS	850	1	Research Assistantship	Leftwich	Heidi
3107	CTS	850	1	Research Assistantship	Lemon	Stephenie
4751	CTS	850	1	Research Assistantship	Lin	Honghuang
4841	CTS	850	1	Research Assistantship	Liu	Feifan
3207	CTS	850	1	Research Assistantship	Liu	Shao-Hsien
4381	CTS	850	1	Research Assistantship	Lu	Shan
3835	CTS	850	1	Research Assistantship	Madison	John
3035	CTS	850	1	Research Assistantship	Mattocks	Kristin

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3169	CTS	850	1	Research Assistantship	Mazor	Kathleen
3129	CTS	850	1	Research Assistantship	Mcmanus	David
3087	CTS	850	1	Research Assistantship	Mick	Eric
3837	CTS	850	1	Research Assistantship	Moore Simas	Tiffany
3261	CTS	850	1	Research Assistantship	Nunes	Anthony
3839	CTS	850	1	Research Assistantship	Ockene	Ira
3081	CTS	850	1	Research Assistantship	Ockene	Judith
4393	CTS	850	1	Research Assistantship	Ostroff	Gary
4137	CTS	850	1	Research Assistantship	Pbert	Lori
3069	CTS	850	1	Research Assistantship	Person	Sharina
3225	CTS	850	1	Research Assistantship	Rhein	Lawrence
3029	CTS	850	1	Research Assistantship	Rosal	Milagros
3263	CTS	850	1	Research Assistantship	Rosen	Max
3841	CTS	850	1	Research Assistantship	Rothschild	Anthony
4395	CTS	850	1	Research Assistantship	Ruiz De Luzuriaga	Katherine
3191	CTS	850	1	Research Assistantship	Sadasivam	Rajani
3341	CTS	850	1	Research Assistantship	Soni	Apurv
3325	CTS	850	1	Research Assistantship	Stevens	Elise
3265	CTS	850	1	Research Assistantship	Tisminetzky	Mayra
3093	CTS	850	1	Research Assistantship	Tjia	Jennifer
3251	CTS	850	1	Research Assistantship	Trivedi	Michelle
3367	CTS	850	1	Research Assistantship	Wang	Bo
3843	CTS	850	1	Research Assistantship	Weinreb	Linda
3551	CTS	850	1	Research Assistantship	Yang	Chengwu
3327	CTS	850	1	Research Assistantship	Zai	Adrian
3239	CTS	850	1	Research Assistantship	Zhou	Chan
3397	CTS	860A	1	Written Qualifying Exam	Lapane	Kate
3381	CTS	860B	1	Oral Qualifying Exam	Lapane	Kate
3103	CTS	865	1	TRAC MEETING	Lapane	Kate
4783	CTS	870	1	Pre-Thesis Research	Adler	Ronald
3117	CTS	870	1	Pre-Thesis Research	Aidlen	Jeremy

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3131	CTS	870	1	Pre-Thesis Research	Alavi	Karim
3219	CTS	870	1	Pre-Thesis Research	Alcusky	Matthew James
3193	CTS	870	1	Pre-Thesis Research	Allison	Jeroan
3117	CTS	870	1	Pre-Thesis Research	Amante	Daniel
3963	CTS	870	1	Pre-Thesis Research	Anderson	Melissa
3197	CTS	870	1	Pre-Thesis Research	Ash	Arlene
4553	CTS	870	1	Pre-Thesis Research	Ayers	David
3353	CTS	870	1	Pre-Thesis Research	Baek	Jong Gyu
3845	CTS	870	1	Pre-Thesis Research	Barton	Bruce
3937	CTS	870	1	Pre-Thesis Research	Bird	Steven
3939	CTS	870	1	Pre-Thesis Research	Blake-Johnson	Diane
4555	CTS	870	1	Pre-Thesis Research	Boudreaux	Edwin
4790	CTS	870	1	Pre-Thesis Research	Bova	Carol
4557	CTS	870	1	Pre-Thesis Research	Brown	Robert
3173	CTS	870	1	Pre-Thesis Research	Byatt	Nancy
4762	CTS	870	1	Pre-Thesis Research	Castanedaavila	Maira
4719	CTS	870	1	Pre-Thesis Research	Clements	Karen
3941	CTS	870	1	Pre-Thesis Research	Crawford	Sybil
3267	CTS	870	1	Pre-Thesis Research	Curtin	Carol
4559	CTS	870	1	Pre-Thesis Research	Cutrona	Sarah
3943	CTS	870	1	Pre-Thesis Research	Darling	Chad
3301	CTS	870	1	Pre-Thesis Research	Davis	Maryann
4815	CTS	870	1	Pre-Thesis Research	Driban	Jeffrey
4561	CTS	870	1	Pre-Thesis Research	Dube	Catherine
4563	CTS	870	1	Pre-Thesis Research	Ellison	Richard
3157	CTS	870	1	Pre-Thesis Research	Epstein	Mara
4565	CTS	870	1	Pre-Thesis Research	Faro	Jamie
3269	CTS	870	1	Pre-Thesis Research	Fisher	Kimberly
4567	CTS	870	1	Pre-Thesis Research	Flotte	Terence
3303	CTS	870	1	Pre-Thesis Research	Forrester	Sarah Nicole
3185	CTS	870	1	Pre-Thesis Research	Friedmann	Peter

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3355	CTS	870	1	Pre-Thesis Research	Garg	Arvin
4569	CTS	870	1	Pre-Thesis Research	Gerber	Ben
3949	CTS	870	1	Pre-Thesis Research	Gibson	Laura
3159	CTS	870	1	Pre-Thesis Research	Goldberg	Robert Joel
4571	CTS	870	1	Pre-Thesis Research	Green	Sharone
3951	CTS	870	1	Pre-Thesis Research	Gurwitz	Jerry Howard
4816	CTS	870	1	Pre-Thesis Research	Hafer	Nathaniel
3953	CTS	870	1	Pre-Thesis Research	Hargraves	J
3955	CTS	870	1	Pre-Thesis Research	Harlan	David
3957	CTS	870	1	Pre-Thesis Research	Hoaglin	David
3959	CTS	870	1	Pre-Thesis Research	Jesdale	William
4817	CTS	870	1	Pre-Thesis Research	Kay	Jonathan
3199	CTS	870	1	Pre-Thesis Research	Kiefe	Catarina
4573	CTS	870	1	Pre-Thesis Research	Kim	Jason
4818	CTS	870	1	Pre-Thesis Research	Kim	Sohye
4819	CTS	870	1	Pre-Thesis Research	Krolldesrosiers	Aimee
4838	CTS	870	1	Pre-Thesis Research	Kumaraswami	Tara
3167	CTS	870	1	Pre-Thesis Research	Lafemina	Jennifer
3143	CTS	870	1	Pre-Thesis Research	Lapane	Kate
3307	CTS	870	1	Pre-Thesis Research	Larkin	Celine
4575	CTS	870	1	Pre-Thesis Research	Lee	Austin
4773	CTS	870	1	Pre-Thesis Research	Lee-Bartlett	Jung
4820	CTS	870	1	Pre-Thesis Research	Leftwich	Heidi
3137	CTS	870	1	Pre-Thesis Research	Lemon	Stephenie
4752	CTS	870	1	Pre-Thesis Research	Lin	Honghuang
4842	CTS	870	1	Pre-Thesis Research	Liu	Feifan
3209	CTS	870	1	Pre-Thesis Research	Liu	Shao-Hsien
4577	CTS	870	1	Pre-Thesis Research	Lu	Shan
3961	CTS	870	1	Pre-Thesis Research	Madison	John
3201	CTS	870	1	Pre-Thesis Research	Mattocks	Kristin
3175	CTS	870	1	Pre-Thesis Research	Mazor	Kathleen

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3127	CTS	870	1	Pre-Thesis Research	Mcmanus	David
3965	CTS	870	1	Pre-Thesis Research	Mick	Eric
3967	CTS	870	1	Pre-Thesis Research	Moore Simas	Tiffany
3233	CTS	870	1	Pre-Thesis Research	Nunes	Anthony
3969	CTS	870	1	Pre-Thesis Research	Ockene	Ira
3139	CTS	870	1	Pre-Thesis Research	Ockene	Judith
4579	CTS	870	1	Pre-Thesis Research	Ostroff	Gary
3945	CTS	870	1	Pre-Thesis Research	Pbert	Lori
3135	CTS	870	1	Pre-Thesis Research	Person	Sharina
3227	CTS	870	1	Pre-Thesis Research	Rhein	Lawrence
3133	CTS	870	1	Pre-Thesis Research	Rosal	Milagros
3271	CTS	870	1	Pre-Thesis Research	Rosen	Max
3971	CTS	870	1	Pre-Thesis Research	Rothschild	Anthony
4581	CTS	870	1	Pre-Thesis Research	Ruiz De Luzuriaga	Katherine
3195	CTS	870	1	Pre-Thesis Research	Sadasivam	Rajani
4583	CTS	870	1	Pre-Thesis Research	Seddon	Johanna Margaret
3343	CTS	870	1	Pre-Thesis Research	Soni	Apurv
3329	CTS	870	1	Pre-Thesis Research	Stevens	Elise
3273	CTS	870	1	Pre-Thesis Research	Tisminetzky	Mayra
3215	CTS	870	1	Pre-Thesis Research	Tjia	Jennifer
3253	CTS	870	1	Pre-Thesis Research	Trivedi	Michelle
3973	CTS	870	1	Pre-Thesis Research	Wang	Bo
3975	CTS	870	1	Pre-Thesis Research	Weinreb	Linda
3553	CTS	870	1	Pre-Thesis Research	Yang	Chengwu
3331	CTS	870	1	Pre-Thesis Research	Zai	Adrian
3241	CTS	870	1	Pre-Thesis Research	Zhou	Chan
3371	CTS	875	1	Proposal Development	Epstein	Mara
4784	CTS	900	1	Thesis Research	Adler	Ronald
3119	CTS	900	1	Thesis Research	Aidlen	Jeremy
3149	CTS	900	1	Thesis Research	Alavi	Karim
3221	CTS	900	1	Thesis Research	Alcusky	Matthew James

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3061	CTS	900	1	Thesis Research	Allison	Jeroan
4319	CTS	900	1	Thesis Research	Anderson	Melissa
3077	CTS	900	1	Thesis Research	Ash	Arlene
4473	CTS	900	1	Thesis Research	Ayers	David
3361	CTS	900	1	Thesis Research	Baek	Jong Gyu
3977	CTS	900	1	Thesis Research	Barton	Bruce
3979	CTS	900	1	Thesis Research	Bird	Steven
3981	CTS	900	1	Thesis Research	Blake-Johnson	Diane
4475	CTS	900	1	Thesis Research	Boudreaux	Edwin
4791	CTS	900	1	Thesis Research	Bova	Carol
4477	CTS	900	1	Thesis Research	Brown	Robert
3177	CTS	900	1	Thesis Research	Byatt	Nancy
4763	CTS	900	1	Thesis Research	Castanedaavila	Maira
3055	CTS	900	1	Thesis Research	Clark	Robin
4721	CTS	900	1	Thesis Research	Clements	Karen
3983	CTS	900	1	Thesis Research	Crawford	Sybil
3275	CTS	900	1	Thesis Research	Curtin	Carol
4479	CTS	900	1	Thesis Research	Cutrona	Sarah
3985	CTS	900	1	Thesis Research	Darling	Chad
3309	CTS	900	1	Thesis Research	Davis	Maryann
4821	CTS	900	1	Thesis Research	Driban	Jeffrey
4481	CTS	900	1	Thesis Research	Dube	Catherine
4507	CTS	900	1	Thesis Research	Ellison	Richard
3147	CTS	900	1	Thesis Research	Epstein	Mara
4509	CTS	900	1	Thesis Research	Faro	Jamie
3277	CTS	900	1	Thesis Research	Fisher	Kimberly
4511	CTS	900	1	Thesis Research	Flotte	Terence
3311	CTS	900	1	Thesis Research	Forrester	Sarah Nicole
3187	CTS	900	1	Thesis Research	Friedmann	Peter
3313	CTS	900	1	Thesis Research	Garg	Arvin
4513	CTS	900	1	Thesis Research	Gerber	Ben

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3989	CTS	900	1	Thesis Research	Gibson	Laura
3085	CTS	900	1	Thesis Research	Goldberg	Robert Joel
4515	CTS	900	1	Thesis Research	Green	Sharone
3991	CTS	900	1	Thesis Research	Gurwitz	Jerry Howard
4822	CTS	900	1	Thesis Research	Hafer	Nathaniel
3993	CTS	900	1	Thesis Research	Hargraves	J
3111	CTS	900	1	Thesis Research	Harlan	David
3995	CTS	900	1	Thesis Research	Hoaglin	David
3997	CTS	900	1	Thesis Research	Jesdale	William
4823	CTS	900	1	Thesis Research	Kay	Jonathan
3063	CTS	900	1	Thesis Research	Kiefe	Catarina
4517	CTS	900	1	Thesis Research	Kim	Jason
4824	CTS	900	1	Thesis Research	Kim	Sohye
4825	CTS	900	1	Thesis Research	Krolldesrosiers	Aimee
4839	CTS	900	1	Thesis Research	Kumaraswami	Tara
3205	CTS	900	1	Thesis Research	Lafemina	Jennifer
3045	CTS	900	1	Thesis Research	Lapane	Kate
3315	CTS	900	1	Thesis Research	Larkin	Celine
4519	CTS	900	1	Thesis Research	Lee	Austin
4776	CTS	900	1	Thesis Research	Lee-Bartlett	Jung
4826	CTS	900	1	Thesis Research	Leftwich	Heidi
3075	CTS	900	1	Thesis Research	Lemon	Stephenie
4753	CTS	900	1	Thesis Research	Lin	Honghuang
4843	CTS	900	1	Thesis Research	Liu	Feifan
3211	CTS	900	1	Thesis Research	Liu	Shao-Hsien
4521	CTS	900	1	Thesis Research	Lu	Shan
3999	CTS	900	1	Thesis Research	Madison	John
3037	CTS	900	1	Thesis Research	Mattocks	Kristin
3179	CTS	900	1	Thesis Research	Mazor	Kathleen
3125	CTS	900	1	Thesis Research	Mcmanus	David
3089	CTS	900	1	Thesis Research	Mick	Eric



Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4001	CTS	900	1	Thesis Research	Moore Simas	Tiffany
3141	CTS	900	1	Thesis Research	Moormann	Ann
3279	CTS	900	1	Thesis Research	Nunes	Anthony
4003	CTS	900	1	Thesis Research	Ockene	Ira
3145	CTS	900	1	Thesis Research	Ockene	Judith
4523	CTS	900	1	Thesis Research	Ostroff	Gary
3235	CTS	900	1	Thesis Research	Pbert	Lori
3071	CTS	900	1	Thesis Research	Person	Sharina
3229	CTS	900	1	Thesis Research	Rhein	Lawrence
3031	CTS	900	1	Thesis Research	Rosal	Milagros
3237	CTS	900	1	Thesis Research	Rosen	Max
4005	CTS	900	1	Thesis Research	Rothschild	Anthony
4525	CTS	900	1	Thesis Research	Ruiz De Luzuriaga	Katherine
3099	CTS	900	1	Thesis Research	Sadasivam	Rajani
4527	CTS	900	1	Thesis Research	Seddon	Johanna Margaret
3345	CTS	900	1	Thesis Research	Soni	Apurv
3333	CTS	900	1	Thesis Research	Stevens	Elise
3281	CTS	900	1	Thesis Research	Tisminetzky	Mayra
3095	CTS	900	1	Thesis Research	Tjia	Jennifer
3255	CTS	900	1	Thesis Research	Trivedi	Michelle
4007	CTS	900	1	Thesis Research	Wang	Bo
4009	CTS	900	1	Thesis Research	Weinreb	Linda
3555	CTS	900	1	Thesis Research	Yang	Chengwu
3335	CTS	900	1	Thesis Research	Zai	Adrian
3243	CTS	900	1	Thesis Research	Zhou	Chan
4785	CTS	990	1	Graduate Research	Adler	Ronald
3121	CTS	990	1	Graduate Research	Aidlen	Jeremy
3155	CTS	990	1	Graduate Research	Alavi	Karim
3223	CTS	990	1	Graduate Research	Alcusky	Matthew James
3059	CTS	990	1	Graduate Research	Allison	Jeroan
4787	CTS	990	1	Graduate Research	Amante	Daniel

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4321	CTS	990	1	Graduate Research	Anderson	Melissa
3079	CTS	990	1	Graduate Research	Ash	Arlene
4609	CTS	990	1	Graduate Research	Ayers	David
3357	CTS	990	1	Graduate Research	Baek	Jong Gyu
3067	CTS	990	1	Graduate Research	Barton	Bruce
4011	CTS	990	1	Graduate Research	Bird	Steven
4013	CTS	990	1	Graduate Research	Blake-Johnson	Diane
4611	CTS	990	1	Graduate Research	Boudreaux	Edwin
4792	CTS	990	1	Graduate Research	Bova	Carol
4613	CTS	990	1	Graduate Research	Brown	Robert
3181	CTS	990	1	Graduate Research	Byatt	Nancy
4764	CTS	990	1	Graduate Research	Castanedaavila	Maira
3051	CTS	990	1	Graduate Research	Clark	Robin
4723	CTS	990	1	Graduate Research	Clements	Karen
4015	CTS	990	1	Graduate Research	Crawford	Sybil
3283	CTS	990	1	Graduate Research	Curtin	Carol
4615	CTS	990	1	Graduate Research	Cutrona	Sarah
4017	CTS	990	1	Graduate Research	Darling	Chad
3317	CTS	990	1	Graduate Research	Davis	Maryann
4827	CTS	990	1	Graduate Research	Driban	Jeffrey
4617	CTS	990	1	Graduate Research	Dube	Catherine
4619	CTS	990	1	Graduate Research	Ellison	Richard
3153	CTS	990	1	Graduate Research	Epstein	Mara
4621	CTS	990	1	Graduate Research	Faro	Jamie
3285	CTS	990	1	Graduate Research	Fisher	Kimberly
4633	CTS	990	1	Graduate Research	Flotte	Terence
3319	CTS	990	1	Graduate Research	Forrester	Sarah Nicole
3189	CTS	990	1	Graduate Research	Friedmann	Peter
3321	CTS	990	1	Graduate Research	Garg	Arvin
4635	CTS	990	1	Graduate Research	Gerber	Ben
4023	CTS	990	1	Graduate Research	Gibson	Laura

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3057	CTS	990	1	Graduate Research	Goldberg	Robert Joel
4637	CTS	990	1	Graduate Research	Green	Sharone
4025	CTS	990	1	Graduate Research	Gurwitz	Jerry Howard
4828	CTS	990	1	Graduate Research	Hafer	Nathaniel
4027	CTS	990	1	Graduate Research	Hargraves	J
4029	CTS	990	1	Graduate Research	Harlan	David
4031	CTS	990	1	Graduate Research	Hoaglin	David
4033	CTS	990	1	Graduate Research	Jesdale	William
4829	CTS	990	1	Graduate Research	Kay	Jonathan
3203	CTS	990	1	Graduate Research	Kiefe	Catarina
4639	CTS	990	1	Graduate Research	Kim	Jason
4830	CTS	990	1	Graduate Research	Kim	Sohye
4831	CTS	990	1	Graduate Research	Krolldesrosiers	Aimee
4840	CTS	990	1	Graduate Research	Kumaraswami	Tara
3039	CTS	990	1	Graduate Research	Lafemina	Jennifer
3047	CTS	990	1	Graduate Research	Lapane	Kate
3323	CTS	990	1	Graduate Research	Larkin	Celine
4641	CTS	990	1	Graduate Research	Lee	Austin
4781	CTS	990	1	Graduate Research	Lee-Bartlett	Jung
4832	CTS	990	1	Graduate Research	Leftwich	Heidi
3065	CTS	990	1	Graduate Research	Lemon	Stephenie
3049	CTS	990	1	Graduate Research	Lilly	Craig
4754	CTS	990	1	Graduate Research	Lin	Honghuang
4844	CTS	990	1	Graduate Research	Liu	Feifan
3213	CTS	990	1	Graduate Research	Liu	Shao-Hsien
4643	CTS	990	1	Graduate Research	Lu	Shan
4035	CTS	990	1	Graduate Research	Madison	John
3349	CTS	990	1	Graduate Research	Madoff	Lawrence
3041	CTS	990	1	Graduate Research	Mattocks	Kristin
3183	CTS	990	1	Graduate Research	Mazor	Kathleen
3123	CTS	990	1	Graduate Research	Mcmanus	David

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
3091	CTS	990	1	Graduate Research	Mick	Eric
4775	CTS	990	1	Graduate Research	Modarres	Mo Hammad
4037	CTS	990	1	Graduate Research	Moore Simas	Tiffany
3287	CTS	990	1	Graduate Research	Nunes	Anthony
3053	CTS	990	1	Graduate Research	Ockene	Ira
3151	CTS	990	1	Graduate Research	Ockene	Judith
4645	CTS	990	1	Graduate Research	Ostroff	Gary
4019	CTS	990	1	Graduate Research	Pbert	Lori
3073	CTS	990	1	Graduate Research	Person	Sharina
3231	CTS	990	1	Graduate Research	Rhein	Lawrence
3033	CTS	990	1	Graduate Research	Rosal	Milagros
3289	CTS	990	1	Graduate Research	Rosen	Max
4039	CTS	990	1	Graduate Research	Rothschild	Anthony
4647	CTS	990	1	Graduate Research	Ruiz De Luzuriaga	Katherine
3113	CTS	990	1	Graduate Research	Sadasivam	Rajani
4649	CTS	990	1	Graduate Research	Seddon	Johanna Margaret
3347	CTS	990	1	Graduate Research	Soni	Apurv
3337	CTS	990	1	Graduate Research	Stevens	Elise
4774	CTS	990	1	Graduate Research	Thyme	Summer
3291	CTS	990	1	Graduate Research	Tisminetzky	Mayra
3097	CTS	990	1	Graduate Research	Tjia	Jennifer
3351	CTS	990	1	Graduate Research	Trivedi	Michelle
4041	CTS	990	1	Graduate Research	Wang	Bo
4043	CTS	990	1	Graduate Research	Weinreb	Linda
3557	CTS	990	1	Graduate Research	Yang	Chengwu
3339	CTS	990	1	Graduate Research	Zai	Adrian
3245	CTS	990	1	Graduate Research	Zhou	Chan

## MD/PhD Class Number List

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2879	MDP	740A	1	Dev. Solutions Res.Prob.A Yr1	Kiefe	Catarina
4307	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Abdennur	Nezar
3021	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Alkema	Mark
2917	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Allison	Jeroan
3573	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Alonso	Laura
4788	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	AMANTE	Daniel
3575	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	ANACLET	Christelle
2893	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Aronin	Neil
2921	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Ash	Arlene
4760	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Atukorale	Prabhani
2951	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Baehrecke	Eric
3563	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Bailey	Jeffrey
2985	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Behar	Samuel
2899	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Bosco	Daryl
2887	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Brass	Abraham
2971	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Brehm	Michael
3001	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	BYRNE	Alexandra Catherine
2975	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Caffrey	Daniel
4309	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	CARICCHIO	Roberto
2925	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Ceol	Craig
3013	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	CHAN	Yingleong
3579	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Cutrona	Sarah
4739	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Cutrona	Sarah
2943	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Donahue	John
3003	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	FANG	Wenwen
3581	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Faro	Jamie
2939	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Fitzgerald	Katherine
2993	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Flavahan	William
2963	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Francis	Michael
4703	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Fu	Accalia

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
4311	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	GALLUCCI	Stefania
2927	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	GOLDBERG	Robert Joel
2883	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Golenbock	Douglas
3011	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	GREER	Paul Lieberman
2999	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	GREER	Paul Lieberman
2913	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Guertin	David
3005	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	HARAN	John
2905	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Harris	John
2983	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Haynes	Cole
3523	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	HUMPHRIES	Fiachra Emanuel
2945	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	IRAZOQUI	Javier Elbio
4833	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Kay	Jonathan
2901	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Kay	Jonathan
2969	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Keaney	John
2965	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Kelliher	Michelle
3565	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Khanna	Hemant
2961	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Khvorova	Anastasia
4834	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	KIM	Sohye
2991	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	KOUPENOVA	Milka
4836	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Kumaraswami	Tara
2915	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Lawrence	Jeanne
2923	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Lee	Michael
3015	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	LI	Li
3017	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	LIM	Teng-Ting
4835	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Logan	Ryan
2897	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Luckmann	Roger
3025	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	MALDONADOCONTRE RAS	Ana
2949	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	MARTINS	Paulo
3023	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Massi	Francesca
2937	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	McCormick	Beth
2941	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	McManus	David

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2967	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Melikian	Haley
2933	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Mercurio	Arthur
2947	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	MITCHELL	Amir Zadok
3571	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Moore	Melissa
4313	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Mullen	Alan
3027	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Nandadasa	Horadigala Gamage Sumeda
3019	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	ORZALLI	Megan Horn
3567	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Paydarfar	David
2953	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Peterson	Craig
4315	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	PITARRESI	Jason Robert
4865	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	PUIG	Stephanie
2957	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Pukkila-Worley	Read
2919	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Punzo	Claudio
3535	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Rashighi Firoozabadi	Mehdi
4317	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	REDDING	Sy
4866	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Reppert	Steven
2955	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Rhind	Nicholas
2889	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Richter	Joel
2973	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Rothstein	Ann
2989	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	RUSCETTI	Marcus
3511	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	SARANATHAN	Manojkumar
2891	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Sassetti	Christopher
2931	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Schafer	Dorothy
2909	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Schiffer	Celia
3583	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	SEDDON	Johanna Margaret
2987	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Sena Esteves	Miguel
2907	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Shaw	Leslie
2979	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	SHOHET	Jason Matthew
4750	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	SIRIANNI	Rachael
3009	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Soni	Apurv
3569	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Szabo	Gyongyi

Class No.	Sub	Cat	Session	Description	Faculty Last	Faculty First
2959	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Tapper	Andrew
2895	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Tjia	Jennifer
3537	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Tran	Khanh-Van
2911	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Trivedi	Chinmay
2977	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Ulbricht	Christine
2903	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Walhout	Albertha
2929	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Walz	Jens
2981	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	WANG	Bo
3007	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Wang	Yang
2997	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Watts	Jonathan
2885	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Weng	Zhiping
4906	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Winder	Danny
2995	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Xu	Zuoshang
2935	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Xue	Wen
3561	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Zhang	Nanyin
4715	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	ZHONG	Guocai
3577	MDP	740B	1	Dev. Solutions Res.Prob.B Yr2	Ziedonis	Douglas
2881	MDP	740C	1	Dev. Solutions Res.Prob.C Yr3	Kay	Jonathan
2875	MDP	741	1	Intro. to Translational Med	Kay	Jonathan
2877	MDP	800	1	MD/PhD Phys. Scientist Forum	Kay	Jonathan
3559	MDP	990	1	MD/PhD Grad.Res.Stu Post-Disse	Mann	Praneet