

Penn State JFDP 2009–10: People & Projects

Junior Faculty: Degree Department	Project Title	Mentor: Degree Department
PhD Public Health Sciences	Increasing participation in cancer research studies in Central PA: A pilot study.	PhD Communication Arts
MD Pediatrics	Development of an adolescent medicine curriculum for pediatric residents	MD Pathology
PhD Surgery	Effect of left ventricular assist device therapy on cardiac electrophysiology and arrhythmogenesis	MD Medicine (Cardiology)
MD, PhD Medicine & Public Health Sciences	Development of an "Infectious Disease Epidemiology" Course for Graduate Students	PhD Medicine
MD Family & Community Medicine	Evidence-based education: A web based, interactive approach for teaching medical students	MD Medicine
MD Orthopedics & Rehabilitation	Comparison methods to secure soft-tissue ligaments during medial patellofemoral ligament reconstructions	PhD Kinesiology
MD Medicine (Pulmonary)	High sensitivity C-reactive protein as a biomarker for eosinophilic esophagitis	MD Medicine (GI)
MD Medicine (Internal Medicine)	Performance improvement Continuing Medical Education	MD Surgery
MD Family & Community Medicine	Developing a pediatric curriculum for the global health scholars program	DEd Adult Education (Harrisburg)
MD Medicine (Internal Medicine)	Development of a K23 grant proposal: Predicting participant success in community-based weight loss interventions	DVM Public Health Sciences
MD Pediatrics	The Art of Healing: Group Reflection Postcard Project	MD Medicine
MD Psychiatry/Pediatrics	Improving child and adolescent mental health, a necessity for a healthy society	MD Neurology
MD Pediatrics	Outcomes of a Child Partial Hospitalization Program for Eating Disorders	PhD Public Health Sciences
MD Anesthesiology	A comparison of the learning curves for the GlideScope laryngoscope and the Shikani Optic Stylet	MD Surgery
PhD Medicine (Nephrology)	Screening and validation of Netrin-1 as early diagnostic biomarker of cancer	PhD Public Health Sciences
MD Surgery	Development of an interdisciplinary clinic for genetic testing and counseling of patients with inherited endocrinopathies	MD Pediatrics

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MD Pediatrics (Gastroenterology)	Implementation of a Pediatric Inflammatory Bowel Disease (IBD) Database	PhD Public Health Sciences
MD Pediatrics	Clinical outcome changes associated with the implementation of a cystic fibrosis pediatric patient database	MD Medicine (Endocrinology)
DO, Neurology & Pediatrics	Physical medicine and rehabilitation education	MD Pediatrics
MD Medicine (Infectious Diseases)	Use of microwave radiation to kill malaria parasites in vitro	PhD Microbiology & Immunology
MD Medicine (Internal Medicine)	Implementation and Evaluation of "Residents as Teachers" curriculum	MD Pathology
PhD Pharmacology	Grant application: the molecular role of Endophilin B1/Bif-1 in autophagy and cancer.	PhD Pharmacology
MD Anesthesiology	Anesthesiology In-Training Examination Scores: a Correlation with USMLE Step 1 Results.	MD Orthopaedics
PhD Public Health Sciences	Using Cancer Registry and Highmark Claims Linkage Data to Study Preventive Care and Cancer Treatment Costs	MD Medicine
MD Radiology	Dynamic susceptibility contrast (T2*) MR perfusion in differentiation of pseudoprogression in patients with high-grade gliomas	MD Radiation Oncology
MD Medicine (Infectious Diseases)	Identifying factors contributing to the development of infections after knee and hip arthroplasty	MD Orthopaedics
PhD Medicine (Hematology/Oncology)	Identifying the genetic modifier that affects the cleavage of VWF by ADAMTS13 in mice	PhD Biochemistry & Molecular Biology