University of Pittsburgh

School of Medicine

SCHOLARS DAY
CLASS OF 2014
WEDNESDAY, APRIL 2, 2014

SCHOLARLY PROJECTS
MENTOR AND STUDENT AWARDS
STUDENT PUBLICATIONS
STUDENT NATIONAL, STATE, AND LOCAL AWARDS
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<td>Mendez, Juan</td>
<td>Renal and infectious outcomes in kidney transplant using high infectious risk donor organs in UPMC</td>
<td>Ron Shapiro, MD</td>
<td>Surgery</td>
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<td>Michaelidis,</td>
<td>Cost-effectiveness of procalcitonin-guided antibiotic therapy for outpatient management of acute respiratory tract infections in adults</td>
<td>Kenneth Smith, MD</td>
<td>Medicine</td>
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<td>Constantino</td>
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<td>Michaelsen, Kaarin</td>
<td>Playing Doctors: Performance as Professional Critique Among Female British Medical Students, 1875-1928</td>
<td>Jonathon Erlen, PhD</td>
<td>Health Sciences</td>
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<td>Miller, David</td>
<td>The role of neutrophil extracellular traps in hepatic ischemia/reperfusion injury</td>
<td>Allan Tsung, MD</td>
<td>Surgery</td>
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<td>Miller, Thomas</td>
<td>Early detection of delirium in emergency department patients</td>
<td>Brian Suffoletto, MD</td>
<td>Emergency Medicine</td>
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<td>Miller, Weldon</td>
<td>Resource utilization and the HIT-6 score in migraine patients</td>
<td>Robert Kaniecki, MD</td>
<td>Neurology</td>
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<td>Mohanty, Sudipta</td>
<td>Self-management support for diabetes patients at the Birmingham Free Clinic</td>
<td>Dienthuy Bui, MD</td>
<td>Medicine</td>
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<td>Moreau, Jacqueline</td>
<td>Improving early detection of melanoma</td>
<td>Laura Ferris, MD, PhD</td>
<td>Dermatology</td>
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<td>Morton, Jessica</td>
<td>Using markers of immune activation to assess the effects of early antiretroviral therapy in newly diagnosed HIV patients</td>
<td>Bernard Macatangay, MD</td>
<td>Medicine</td>
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<td>Nag, Utara</td>
<td>Use of ECMO (Extracorporeal Membrane Oxygenation) in severe lung injury</td>
<td>Christian Bernudez, MD</td>
<td>Surgery</td>
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<td>Nambu, Hiroya</td>
<td>Validation of age, creatinine, ejection fraction score as a risk assessment</td>
<td>Oscar Marroquin, MD</td>
<td>Medicine</td>
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<td>tool in patients undergoing stent implantation during percutaneous coronary</td>
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<td>intervention. A report from the dynamic registry of the National Heart, Lung,</td>
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<td>and Blood Institute.</td>
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<td>Nega, Mahlet</td>
<td>The roles of gender, race, and ethnicity in medical career decision making</td>
<td>Chenits Pettigrew, PhD</td>
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<td>Neral, Mithun</td>
<td>Retrospective and prospective review of silicone arthroplasty for finger</td>
<td>Joseph Imbriglia, MD</td>
<td>Orthopaedic Surgery</td>
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<td>metacarpophalangeal osteoarthritis</td>
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<td>Nuffer, Zachary</td>
<td>Quantitative structure-activity relationships of functionally selective 5-HT2A receptor agonists</td>
<td>Guillermo Romero, PhD</td>
<td>Pharmacology and Chemical Biology</td>
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<td>Nwasike, Chinedu(PSTP)</td>
<td>Dihydrotestosterone and its interaction with Endothelin-1 in heart failure</td>
<td>Hunter Champion, MD, PhD</td>
<td>Medicine</td>
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<td>Paoletti, Gabrielle</td>
<td>Severe iron deficiency anemia still an issue in toddlers</td>
<td>Debra Bogen, MD</td>
<td>Pediatrics</td>
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<td>Parikh, Sneha</td>
<td>Bedside ultrasound for measurement of the therapeutic effect of volume removal in the acute inpatient setting</td>
<td>John Pacella, MD</td>
<td>Emergency Medicine</td>
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<td>Parris, James</td>
<td>The role of innervation in tumor growth and development</td>
<td>Michael Sharina, MD, PhD</td>
<td>Pathology</td>
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<td>Parris, Ritika</td>
<td>The role of oligodendrocytes in axonal regeneration</td>
<td>Edward Burton, MD</td>
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<td>Patel, Agam</td>
<td>Long-term outcomes of gamma knife radiosurgery for benign intracranial tumors</td>
<td>Douglas Kondziolka, MD</td>
<td>Neurological Surgery</td>
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<td>Patel, Divyang</td>
<td>Relaxin suppresses Atrial Fibrillation (AF) in aged Spontaneously Hypertensive Rats (SHR)</td>
<td>Guy Salama, PhD</td>
<td>Medicine</td>
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<td>Patel, Kunal</td>
<td>Beneficial and synergistic leptin and insulin signaling in myocardial infarction</td>
<td>Kenneth McGaffin, MD</td>
<td>Medicine</td>
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<td>Raghu, Vikram</td>
<td>The effect of generic substitution of tacrolimus in liver and kidney transplant recipients</td>
<td>Raman Venkataramanan, PhD</td>
<td>Pathology</td>
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<tr>
<td>Riera, Katherine</td>
<td>Relationship between insufficient vitamin D levels and asthma control in asthmatic children in Pittsburgh</td>
<td>Erick Forno, MD</td>
<td>Pulmonology</td>
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<td>Rosenbaum, Alan</td>
<td>Patient acceptability of self-sampling versus provider-collected sampling for HPV DNA testing in El Salvador</td>
<td>Miriam Cremer, MD</td>
<td>Obstetrics and Gynecology</td>
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<td>Ross, Anthony</td>
<td>A mobile phone text-message program to improve oral antibiotic adherents in patients discharged from the Emergency Department</td>
<td>Brian Suffoletto, MD</td>
<td>Emergency Medicine</td>
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<td>Rossiter, Brianna</td>
<td>Assessment of breastfeeding on maternal BMI and blood pressure in overweight and obese women</td>
<td>Janet Catov, PhD</td>
<td>Obstetrics and Gynecology</td>
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<td>Schwen, Zeyad</td>
<td>An assessment of therapeutic intervention on stone urinary biochemical risk factors for patients with symptomatic nephrolithiasis</td>
<td>Timothy Averch, MD</td>
<td>Urology</td>
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<td>Shine, Kristy</td>
<td>Effects of human donor age on mesenchymal stem cell migration and adhesion in vitro</td>
<td>Rocky Tuan, PhD</td>
<td>Orthopaedic Surgery</td>
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<td>(PSTP)</td>
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<td>Siebert, Paul</td>
<td>Differential signaling in liver cirrhosis: defensins α-1 vs. α-3 and the role of LRP-1</td>
<td>Wendy Mars, MD</td>
<td>Pathology</td>
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<tr>
<td>Sciriano, Alex</td>
<td>Family planning knowledge, attitudes and practices among Bhutanese refugee women</td>
<td>Miriam Cremer, MD</td>
<td>Obstetrics and Gynecology</td>
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<td>St. Louis, Kwesi</td>
<td>The in vivo biomechanics of ankle instability and reconstruction</td>
<td>Scott Tashman, PhD</td>
<td>Orthopaedic Surgery</td>
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<td>Stephenson, Ryan</td>
<td>Role of toll-like receptor 8 agonist VTX2337 in cetuximab-mediated cytotoxic activity in head and neck cancer</td>
<td>Robert Ferris, MD, PhD</td>
<td>Otolaryngology</td>
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<td>Stokes, Timothy</td>
<td>White matter changes in long-term survivors of brain metastases from breast cancer treated by whole brain radiation therapy and radiosurgery versus radiosurgery alone</td>
<td>Douglas Kondziolka, MD</td>
<td>Neurological Surgery</td>
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<td>Sween, Lindsay</td>
<td>Percent body fat and body fat accrual in relation to pregnancy outcomes</td>
<td>James Roberts, MD</td>
<td>Obstetrics and Gynecology</td>
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<td>Thompson, Marcher</td>
<td>Fractionated stereotactic radiosurgery for the treatment of large brain metastases</td>
<td>Dwight Heron, MD</td>
<td>Radiation Oncology</td>
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<td>Thorpe-Jamison,</td>
<td>The effect of a computer-generated rounding report on physical workflow in the nursing home</td>
<td>Steven Handler, MD, PhD</td>
<td>Biomedical Informatics</td>
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<td>Patrice</td>
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<td>Thorson, Sara</td>
<td>Sclerostin and bone strength in women in their 10th decade of life</td>
<td>Jane Cauley, DrPH</td>
<td>Epidemiology</td>
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<td>Thuppal, Niranjani</td>
<td>Patient and physician perspectives on PCI</td>
<td>Suresh Mulukutla, MD</td>
<td>Medicine</td>
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<td>Tomlin, Brett</td>
<td>Simulation training in radiology</td>
<td>Philip Orons, DO</td>
<td>Radiology</td>
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<td>Tonetti, Daniel</td>
<td>A simple proposal to reduce cervical target movement during Leksell Perflxion Gamma Knife stereotactic radiosurgery</td>
<td>L. Dade Lundsford, MD</td>
<td>Neurological Surgery</td>
</tr>
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<td>Toussi, Amir</td>
<td>The role of alpha-cell derived peptides in mediating beta cell progenitor cell recruitment</td>
<td>George Gittes, MD</td>
<td>Surgery</td>
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<td>Tschang, Jane</td>
<td>Effectiveness of adolescent anti-smoking health education through computerized media literacy program</td>
<td>Brian Primack, MD</td>
<td>Medicine</td>
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<td>Van Hal, Michele</td>
<td>Impact of community gardens on fresh fruit and vegetable access and intake</td>
<td>Mary Nowalk, PhD</td>
<td>Family Medicine</td>
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<td>Van Rockel, Daniel</td>
<td>Neoadjuvant anti -CTLA4 Blockade with ipilimumab in patients with AJCC Stage IIIB-C (Tx, 1-4, N1b, 2b, 2c, 3, MO) Melanoma: Prediction of reoccurrence based on PET-CT studies</td>
<td>Farzin Imani, MD</td>
<td>Radiology</td>
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<td>Voronovich, Zoya</td>
<td>Deep brain stimulation as a treatment for tremor and dyskinesia in Parkinson Disease</td>
<td>Douglas Kondziolka, MD</td>
<td>Neurological Surgery</td>
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<td>Walton, Allison</td>
<td>Somatization and disruptive behavior disorders in young girls</td>
<td>Kathleen McTigue, MD</td>
<td>Medicine</td>
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<td>Weis, Joshua</td>
<td>Characterization of the importance of postoperative radiographic imaging following traumatic liver injury</td>
<td>Jason Sperry, MD</td>
<td>Critical Care Medicine</td>
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<td>Werner, Carly</td>
<td>Effect of structured counseling on contraceptive choices of women taking isotretinoin</td>
<td>Eleanor Schwarz, MD</td>
<td>Medicine</td>
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<td>West, Laura</td>
<td>The natural history of ventricular ectopy in children</td>
<td>Gaurav Arora, MD</td>
<td>Pediatrics</td>
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<td>Wo, Sean</td>
<td>Cerebral cortical thickness as a structural index of brain aging in middle-aged adults</td>
<td>J. Richard Jennings, PhD</td>
<td>Psychiatry</td>
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<td>Wolf, Megan</td>
<td>The effect of exercise and sleep habits on burnout in Pitt medical students</td>
<td>Jason Rosenstock, MD</td>
<td>Psychiatry</td>
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<td>Yang, Cheryl</td>
<td>Prevalence, prevention, and treatment of soil-transmitted helminth: a comparison between Cavite and Baguio City in the Philippines</td>
<td>Bernard Macatangay, MD</td>
<td>Medicine</td>
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<td>Yecies, Todd</td>
<td>Effects of compartment syndrome on wound complications in the management of Tibial Pilon Fractures</td>
<td>Andrew Evans, MD</td>
<td>Orthopaedic Surgery</td>
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<td>Yoest (Harness), Jennifer</td>
<td>VirtualSlide: an online pathology learning tool for medical students</td>
<td>Anil Parwani, MD, PhD</td>
<td>Pathology</td>
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<td>Zaldana, Michelle</td>
<td>Quality improvement study: Adult Down Syndrome care</td>
<td>Peter Bulova, MD</td>
<td>Medicine</td>
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<td>Zhan, Hanzi</td>
<td>Patient and family satisfaction following emergency obstetric crisis: development of a valid and reliable questionnaire</td>
<td>Patricia Dalby, MD</td>
<td>Anesthesiology</td>
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<td>Zupetic, Jill</td>
<td>The effects of obesity and depression on asthma control</td>
<td>Fernando Holguin, MD</td>
<td>Medicine</td>
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SCHOLARLY PROJECT O’MALLEY AWARDEES

The Bert and Sally O’Malley Awards for Outstanding Medical Student Research
Bert and Sally O’Malley awards are given for outstanding Scholarly Projects in each of the following categories:

A basic science project carried out by a student during the traditional 4 years of medical school;

A basic science project carried out by a student who has taken a year off for research and completed medical school in 5 years;

A clinical science project carried out by a 4 year student;

A clinical science project carried out by a 5 year student.

4 Year Basic Science Research winner

Ms. Stephanie Dreifuss
Mentor—Joseph Rubin, MD, Plastic Surgery
Project: Prevalence of endogenous CD34+ adipose stem cells predicts human fat graft retention in a xenograft model

5 Year Basic Science Research winner

Mr. Daniel Ludwig
Mentors—David Schwartzman, MD, Medicine
Project: Development of magnetic resonance imaging to identify conduction dyssynchrony in the presence of left ventricular scar

4 Year Clinical Science Research winner

Ms. Amanda Gelman
Mentor—Sonya Borreto, MD, Medicine
Project: Racial disparities in awareness of HPV and HPV vaccine uptake

5 Year Clinical Science Research winners (to share the award)

Ms. Hebiat Berhane
Mentor—Joel Greenberger, MD, Radiation Oncology
Project: Investigating the radioprotective nature of JP4-039 on human foreskin cell lines isolated from patients with Fanconi anemia and establish the drugs mechanism of action

Ms. Jacqui Moreau
Mentor—Laura Ferris, MD, PhD, Dermatology
Project: Improving early detection of melanoma
SCHOLARLY PROJECT
CERTIFICATE OF MERIT Awardees

Mr. Christian Bartels
Mentor~ David Geller, MD, Surgery
Project: The role of Interleukin 23 in liver ischemia-reperfusion injury

Mr. Lance Bodily
Mentor~ Thirumala Parthasarathy, MD, Neurological Surgery
Project: Comparison of the efficacy of somatosensory evoked potentials (SSEP)-alone to SSEP and motor evoked potentials (MEP) in instrumented pediatric scoliosis procedures

Mr. Srinivas Chivukula
Mentor~ Robert Kormos, MD, Surgery
Project: Alemtuzumab induction in Orthotopic Heart Transplantation: A single center analysis of cancer and survival

Mr. John Durkin
Mentor~ Chakra Chennubhotla, PhD, Computational and Systems Biology
Project: Imaging of Mohs Micrographic Surgery Specimens using optical coherence tomography

Mr. Sommer Ebdelahad
Mentor~ Anne Germain, PhD, Psychiatry
Project: Sleep following combat exposure: A neuroimaging study comparing veterans with and without posttraumatic stress disorder

Ms. Catherine Go
Mentor ~ Edith Tzeng, MD, Surgery
Project: The role of CO in preventing AAA formation and rupture

Mr. Paul Johnson
Mentor~ Umamaheswar Duvvuri, MD, PhD, Otolaryngology
Project: A novel endoscopic grasper with haptic feedback for measurement of tissue stiffness

Ms. Elizabeth Lee
Mentor~ David Hackam, MD, PhD, Surgery
Project: TLR4 signaling negatively regulates the intestinal microvascular response in the pathogenesis of Necrotizing Enterocolitis

Ms. Rachel Leonardis
Mentor~ Todd Otteson, MD, Otolaryngology
Project: Understanding and optimizing management of obstructive sleep apnea in infants

Ms. Simiao Li
Mentor~ Judy Chang, MD, Obstetrics and Gynecology
Project: Retinal Hemorrhages in low-risk children evaluated for physical abuse
SCHOLARLY PROJECT
CERTIFICATE OF MERIT Awardees

Mr. Christopher Lord
Mentor—Robert Ferris, MD, PhD, Otolaryngology
Project: The role of Fc gamma receptor IIIa polymorphisms in cetuximab-mediated induction of tumor antigen-specific T cells in head and neck cancer patients

Ms. Annie Lu
Mentor—Deeptika Mohan, MD, Critical Care Medicine
Project: The rhetoric of life-sustaining treatment decisions: a simulation study

Mr. Constantino Michaelidis
Mentor—Kenneth Smith, MD, Medicine
Project: Cost-effectiveness of procalcitonin-guided antibiotic therapy for outpatient management of acute respiratory tract infections in adult.

Mr. Thomas Miller
Mentor—Brian Suffoletto, MD, Emergency Medicine
Project: Early detection of delirium in emergency department patients

Mr. Hiroya Nambu
Mentor—Oscar Marroquin, MD, Medicine
Project: Validation of age, creatinine, ejection fraction score as a risk assessment tool in patients undergoing stent implantation during percutaneous coronary intervention. A report from the dynamic registry of the National Heart, Lung, and Blood Institute.

Mr. Chinedu Nwasike
Mentor—Hunter Champion, MD, PhD, Medicine
Project: Dihydrotestosterone and its interaction with Endothelin-1 in Heart Failure

Mr. Divyang Patel
Mentor—Guy Salama, MD, Cell Biology
Project: Relaxin suppresses Atrial Fibrillation (AF) in aged Spontaneously Hypertensive Rats

Ms. Brianna Rossiter
Mentor—Janet Catov, PhD, Obstetrics and Gynecology
Project: Assessment of breastfeeding on maternal BMI and blood pressure in overweight and obese women

Mr. Zeyad Schwen
Mentor—Timothy Averch, MD, Urology
Project: An assessment of therapeutic intervention on stone urinary biochemical risk factors for patients with symptomatic nephrolithiasis

Ms. Kristy Shine
Mentor—Rocky Tuan, MD, Orthopaedic Surgery
Project: Effects of human donor age on mesenchymal stem cell migration and adhesion in vitro
MENTOR AWARDS

Mentor awards are based on nominations from graduating students.

Excellence in Medical Student Research Mentoring Award

Sonya Borrero, M.D., M.S., Assistant Professor of Medicine, Clinical and Translational Science

Judy Chang, M.D., M.P.H., Assistant Professor of Obstetrics, Gynecology and Reproductive Sciences

Guy Salama, Ph.D., Professor of Cell Biology and Physiology

Medical Student Research Mentoring Merit Award

Edward Burton, M.D., DPhil, Associate Professor of Neurology, Microbiology and Molecular Genetics

Chakra Chennubhotla, Ph.D., Assistant Professor of Computational and Systems Biology

Donald Defranco, Ph.D., Professor and Vice Chair of Medical Education

Brian Primack, M.D., Ph.D., Associate Professor of Medicine, Pediatrics and Clinical and Translational Science

Ron Shapiro, M.D., Professor of Surgery
STUDENT ACCOMPLISHMENTS

The following lists of publications, manuscripts in submission, and national, state and local awards were compiled from the Scholarly Project Final Reports submitted in February 2014. 138 students participated in the Scholarly Project course.

Number of publications = 177
Number of manuscripts submitted = 51
Number of national or state awards = 43
Number of local awards = 65

In addition:

- Students in the class of 2014 were authors on 268 presentations at national and international meetings.

- 112 students participated in research during the summer between their 1st and 2nd years of medical school (2011). These students received competitive funds from the Dean of the School of Medicine, Children’s Hospital, the Departments of Pathology and Psychiatry and NIH T35 grants to individual UPSOM research groups.
PUBLICATIONS

Badlani, Jayxiv

Bartels, Christian

Berhanne, Hebist


PUBLICATIONS

Bodily, Lance
Parthasarathy Thirumala, MD; Lance Bodily, BS; Derrick Tint, BS; W. Timothy Ward, MD; Vincent F Deeney, MD; Donald Crandall, MD; Miguel E Habeych, MD, MPH; Jeffrey Balzer, PhD. Somatosensory evoked potential monitoring during instrumented scoliosis corrective procedures: Utility revisited. The Spine Journal. 2013

Bodily LM, Mint 3 AH and Engh JA. Combined awake craniotomy with endoscopic port surgery for resection of a deep-seated temporal lobe glioma: Case Reports in Medicine. 2013


Byrne, Raphael

Chen, Hui-Wei


Cheng, Yao Lin

Cheng MY, Moreau J, McGuire ST, Ho J, Ferris, L. Melanoma depth in patients with an established dermatologist, Journal of the American Academy of Dermatology, Accepted for publication, Oct 2013

Christensen, Tyson

Chung, Christopher
PUBLICATIONS


Collins, Mary

Dave, Shravan
Anderson TS, Dave S, Gellad WF, Good CB. Prevalence of Academic Medical Center Leadership on Pharmaceutical Company Boards of Directors. *JAMA*, accepted Dec 2013

Dreifuss, Stephanie


Dreifuss S.E., Manders E.K. Massive Scrotal Edema: An Unusual Manifestation of Obstructive Sleep Apnea and Obesity Hypoventilation Syndrome. *Case Reports in Medicine*. 2013; Article ID 685716


Durkin, John

2013 Urish KL, Keffalas MG, Durkin JR, Miller DJ, Chu CR, Mosher, TJ. T2 texture index of cartilage can predict early symptomatic OA progression: Data from the Osteoarthritis Initiative. *Osteoarthritis and Cartilage* In press


PUBLICATIONS

Ebdelahad, Sommer

Farber, Nicholas

Farber NJ, Slater RC, Maranchie JK. Multi-drug Resistant Epididymitis Progressing to Testicular Infarct and Orchietomy. Case Reports in Urology. 2013; Article ID 645787


Farber NJ, Biederman RW. Cor polyatriatum: A very rare and original variant of cor triatriatum. Int J Cardiol. 2011 Jul 1;150(1):e30-1

Farber NJ, Biederman RW. Catastrophic right ventricular rupture prevented by coincident coronary artery bypass grafting: the pivotal role of cardiac magnetic resonance imaging. Tex Heart Inst J. 2010;37(1):123-4

Gande, Abhiram


Gande, Abhiram, and James J. Irngang. Identification of risk factors for progression of asymptomatic, radiographic osteoarthritis to symptomatic osteoarthritis over three years. Pittsburgh Orthopaedic Journal, 2012, volume 12, p. 34

Gelman, Amanda

Miko BA, Uhlemann AC, Gelman A et al., High prevalence of colonization with Staphylococcus aureus clone USA300 at multiple body sites among sexually transmitted disease clinic patients: an unrecognized reservoir, Microbes Infect, 2012, 14(12): 1040-3


Greenberg, Jesse
PUBLICATIONS

Hempen, Eric
Lloydine Jacobs, Nam Vo, J. Paulo Coelho, Qing Dong, Bernard Bechara, Barret Woods, Eric Hempen, Harry Preuss, Judith Ballk, James Kang, Gwendolyn Sowa. Glucosamine supplementation demonstrates a negative effect on intervertebral disc matrix in an animal model of disc degeneration. Spine, Jan 15 2013

Hu, An-Qi


Insetta, Emily
Insetta ER, Akers AY, Miller F, Yonas MA, Burke JG, Hintz L, Chang JC. Intimate Partner Violence Victims as Mothers: Their Messages and Strategies for Communicating with Children to Break the Cycle of Violence. Journal of Interpersonal Violence, in press

Insetta ER, Soriano AJ, Totañes FI, Macatangay BJ, Belizaro VY. Fear of birth defects is a major barrier to soil-transmitted helminth (STH) treatment for pregnant women in the Philippines. PLOS ONE, in press

Jackson, Kyle

James, Isaac


Johnson, Paul


PUBLICATIONS


Kandai, Abbisek

Kiyatkin, Michael


Lee, Elizabeth

Yadav D, Lee EK, O’Connell M. Burden and patterns of hospital readmissions for Acute (AP) and Chronic Pancreatitis (CP). Pancreas. Accepted, pending revisions, resubmitted. 2013

Leonardis, Rachel
Leonardis RL, Robison J, Otterson TD. Evaluating the management of obstructive sleep apnea in neonates and infants. JAMA Otolaryngology Head Neck Surgery, 2013 Feb;139(2):139-46


Levine, Allison

PUBLICATIONS

Li, Simiao


Lin, Kathie


Lord, Christopher


Ludwig, Daniel


25
PUBLICATIONS


Luo, Jing


Mah, Jennifer

Mah J, Sohnen A. Myasthenia gravis presenting with chest pain. UPMC Casebook. 2012. [online publication: http://casebook.nav.pitt.edu/]


McGovern, Jonathan


Michaelidis, Constantinos


PUBLICATIONS


Michaelsen, Kaarin

Michaelsen, K., Sanders, J., Zimmer, S., Bump, G. Overcoming Patient Barriers to Discussing Physician Hand Hygiene: Do Patients Prefer Electronic Reminders to Other Methods? Infection Control and Hospital Epidemiology 2013 34(9): 1-7


Miller, Thomas


Moreau, Jacqueline


Moreau JF, Weissfeld JL, Ferris LK. Characteristics and survival of patients with invasive amelanotic melanoma in the USA. Melanoma Research. Online first July 23, 2013. PMID: 23883947


PUBLICATIONS


Neral, Mithun


Patel, Agam


Patel, Divyang

PUBLICATIONS


Liu J, Brunberg G, Rattan R, Patel D, Adelstein E, Jain S, Saba S. Longitudinal Follow Up of Implantable Cardioverter Defibrillator Leads in the Modern Era. *American Journal of Cardiology* 2014 Jan; 113(1) 103-6

Phelps-Tschang, Jane


Rosenbaum, Alan


Ross, Anthony


Rossiter, Brianna

Behringer T, Reeves M, Rossiter B, Chen B, Schwarz E. Duration of use of a levonorgestrel IUS amongst nulliparous and adolescent women. *Contraception* 2011; 84: e5-e10

Schwen, Zeyad


PUBLICATIONS


Schwen Z, Matsuta Y, Shen B, Wang J, Roppolo JR, de Groot WC, Tai C. Inhibition of Bladder Overactivity by Duloxetine in Combination with Foot Stimulation or WAY100635 Treatment in Cats. *Am J Physiol Renal.* Accepted 2013 Oct 23


Shine, Kristy

Soriano, Alex

Stephenson, Ryan

Lim CM, Stephenson RM, Salazar RM, Ferris RL. TLR3 agonists improve the immunostimulatory potential of cetuximab against EGFR+ head and neck cancer cells. *Oncoimmunology* 2013 Apr;2(6)


Thorson, Sara


Tonetti, Daniel


30
PUBLICATIONS


Toussi, Amir


Voronovich, Zoya


Weis, Joshua

Weis JJ, Cunningham KE, Forsythe RM, Billiar TR, Peitzman AB, Sperry JL. The Importance of Empiric Abdominal CT Scans Following Urgent Laparotomy for Trauma: Do They Reveal Unexpected Injuries? This manuscript has been accepted for presentation at 71st annual meeting of Central Surgical Association on March 7, 2014 (see below). It will be published in SURGERY at date TBA

Werner, Carly

Wolf, Megan
PUBLICATIONS


Yecies (Benkowski), Emmanuelle

Yecies, Todd


Yoest (Harness), Jennifer
Anatomic Pathology Case of the Month, June 2013: A two-year-old male with left undescended testis. http://path.upmc.edu/cases/case782.html

International Academy of Cytology Web-based Case of the Month, May 2013: http://www.cytologyiac.org/?option=com_joomlaquiz&quiz_id=194
MANUSCRIPTS SUBMITTED

Antonetti, Callah
Antonetti, C., Kemerer, A., Shaw, P. Quantifying the Psychosocial Impact of a Weekend Retreat on Adolescent and Young Adult (AYA) Oncology Patients. Quality of Life Research, manuscript submitted Feb 2013

Ashley, Blair
Ashley, BS; Rothenberg, AC; Zeller, BA; Gruen, GS; Farrell, DJ; Russavage, JA. Chronic Exertional Compartment Syndrome—Why I Must Decompress the Common Peroneal Nerve. OTA Annual Meeting Abstract: Submitted February 4, 2014

Ashley, BS; Rothenberg, AC; Zeller, BA; Gruen, GS; Farrell, DJ; Russavage, JA. Chronic Exertional Compartment Syndrome—Why I Must Decompress the Common Peroneal Nerve. Orthopaedics Journal. Spring 2014

Bodily, Lance
Kozai, Takashi; Du, Zhanhong; Smith, Matthew; Chase, Steven; Bodily, Lance; Caparosa, Ellen; Friedlander, Robert; Cui, Tracy. Single-Unit and Multi-Unit Recording Performance Across Visual Cortex and CA1 Hippocampus With a Planar Single Shank Electrode Array. J Neural Eng


Chivukula, Srinivas
Chivukula, Srinivas, Shullo MA, Bermudez CA, McNamara DM, Kormos RL, Teuteberg JJ. Cancer-free survival following alemtuzumab induction in heart transplantation. Submitted to Clin Transpl

Chung, Christopher

Collins, Mary
Collins M., A. Secrest, L Ferris. Screening for Melanoma. Under review at Melanoma Research

Deng, William

Dreifuss, Stephanie
Ravuri S.K., Philips B.J., Meyer E.M., Pfeifer M.E., Dreifuss S.E., Donnernberg V.S., Donnernberg A.D., Marra K.G., Rubin J.P. Wnt pathway antagonist, Secreted Frizzled-Related Protein 1 (sFRP1) as an indicator of innate adipogenesis in adipose stem cell populations. Submitted to Proceedings of the National Academy of Sciences

Philips B.J., Kling R.E., Valentin J.E., Chung C.W., Dreifuss S.E., Kelmendi-Doko A., Ravuri S.K., Marra K.G., Fernstrom J.D., Rubin J.P. In Vitro Effects of Neuropeptide Y on Primary Cultured Human Adipose-Derived Stem Cells and Development of an Animal Model for Assessing NPY in Adipose Tissue Engineering. Submitted to Neuropeptide
MANUSCRIPTS SUBMITTED


Durkin, John

Flynn, Sean

Gary, Brittany
Clarkson B, Gary B, Marrin A, Tadic S. Effect of ßesoterodine on CNS activity during urgency in older women with urinary incontinence. Neurology and Urodynamics

Gentile, Natalie

Kolia, Nadeem

Lee, Michael

Leonardis, Rachel
Leonardis RL, Duvvuri U, Mehta D. Robotic-assisted laryngeal cleft repair in the pediatric patient. Submitted


Li, Shen

Lu, Annie

Ludwig, Daniel
Menon PG, Ludwig DR, Schwartzman D, Toma C. Computed Tomographic Analysis of a Percutaneous Endoventricular Partitioning Device. Catheterization and Cardiovascular Interventions (under review)

Friehling M, Menon PG, Ludwig DR, Schwartzman D. SPECT-CT fusion image integration to support left ventricular substrate ablation. Journal of Cardiovascular Electrophysiology (under review)
MANUSCRIPTS SUBMITTED

Mah, Jennifer

Michaelidis, Constantinos
Michaelidis CI, Kern MS, Smith KJ. Cost-effectiveness of decision support strategies in acute bronchitis. In review, *JAMA Internal Medicine*


Michaelidis CI, Zimmerman RK, Newalk MP, Smith KJ. Cost-effectiveness of programs to eliminate disparities in elderly minority vaccination rates in the United States. In review, *BMC Public Health*

Miller, Thomas
Suffoletto BP, Miller T, Shah R, Callaway C, Yealy D. Does the Identification of Seniors At Risk (ISAR) Tool Identify Elderly who have an Unplanned Return to the Hospital within 30 days of ED care? Submitted to *Annals of Emergency Medicine,* January 2014

Moreau, Jacqueline
Moreau JF, Weinstock MA, Geller AC, Ferris LK. Papanicolaou test, mammography, and colonoscopy as predictors of total body skin examination: Results from the National Health Interview Survey.

Moreau JF, Buchanich JM, Geskin JZ, Akilov AE, Geskin LJ. Non-random geographic distribution of patients with cutaneous T-cell lymphoma in the Greater Pittsburgh Area

Neral, Mithun
Neral MK, Tilson M, Imbriglio JE, Wollstein R. Hand Shape as a Valuable Tool in the Diagnosis of Carpal Tunnel Syndrome. Submitted to *Annals of Plastic Surgery,* April 2013

Paoletti, Gabrielle

Parris, Ritika
Parris RS*, Bai Q*, Burton EA. Different Mechanisms Regulate Expression of Zebrafish Myelin P0 in Myelinating Oligodendrocytes and its Induction Following Axonal Injury. *co-first authors*

Patel, Agam
Kondziolka D, Patel AD, Kano H, Flickinger JC, Lunsford LD. Long-term Outcomes after Gamma Knife Radiosurgery for Meningiomas. Submitted to *American Journal of Clinical Oncology*

Patel, Divyang

Rosenbaum, Alan
MANUSCRIPTS SUBMITTED


Thompson, Marcher
Gelblum M.D., Thompson M.A.B., Wolden M.D., Schupak M.D., Berry Ph.D., Lee N.M.D. Neck Spasms: A Late Sequela of Head and Neck Irradiation

Thompson M.A.B., Riaz N.M.D., Rao S.M.D. Ph.D., Ganly I M.D., Lee N M.D. Treatment of Maxillary Sinus Cancer in the Modern Era, A Single Institutional Experience

Voronovich, Zoya
Albright L., Voronovich Z. Enterocutaneous Fistula in the Setting of Venticuloperitoneal Shunt Extrusion through the Skin and Perforation through the Small Bowel: A Case Report. Publication Status: Revise and resubmit at Journal of Neurosurgery: Pediatric

Chen L., Voronovich Z., Clark K, Hands I., Manns J., Nikiforova M., Durbin E., Herbinski C. Predicting the likelihood of an IDH1 or IDH2 mutation in patients diagnosed with infiltrative gliomas. Publication Status: Revise and resubmit at Neuro-Oncology


West, Laura

Wolf, Megan


Yecies, Todd
Yecies T., Evans A, Tarkin I, Siska S, Gruen G. Tibial Pilon Fractures Associated with Acute Compartment Syndrome: A Retrospective Cohort Study

Zaldana, Michelle
MANUSCRIPTS SUBMITTED


NATIONAL AND STATE AWARDS

Agudelo, Christian
National Institute of Mental Health: Medical Student Research Fellowship in Mental Health

Badlani, Jayshiv
Doris Duke Clinical Research Fellowship

Berhane, Hebist
Fanconi Anemia Research foundation training Grant Award, 2012

Bodily, Lance
Walter L. Copeland Neurosurgical Scholar and grant recipient 2011-2012 research year

Dreifuss, Stephanie


Emelfeld, Patrick
HHMI Research Training Fellowship 2011

Gary, Brittany
Awarded a one year National Institute on Aging T32 Fellowship in aging research at the University of Pittsburgh in the Division of Geriatrics

Go, Catherine
2013 Eastern Vascular Society Young Surgeons Program Scholarship Recipient. Endovascular Salvage of Failed CryoVein Lower Extremity Bypasses

2013 Society for Vascular Surgery Foundation Student Research Fellowship. Long term outcomes after carotid endarterectomy. Sponsor: Dr. Rabih Chaer, M.D.

2013 Society of Thoracic Surgeons Looking to the Future Scholarship Awardee – 2013 STS Annual Meeting

2012 Society for Vascular Surgery Foundation Student Research Fellowship. The role of carbon monoxide in preventing AAA formation and rupture. Sponsor: Dr. Edith Tzeng, M.D.


Hu, An-Qi
April 2012 – American Physician Scientist Scientist Association (APSA) Meeting Travel Grant

Jackson, Kyle
Doris Duke Clinical Research Fellowship

Khandai, Abhishek
NIMH Medical Student Fellowship Program, September 2011-July 2012
NATIONAL AND STATE AWARDS

Lee, Elizabeth
Travel Award, Shock Society /International Federation of Shock Societies, Miam, FL, 2012

Levine, Allison
Albert Schweitzer Fellowship, Pittsburgh Schweitzer Fellows Program, 2010–2011

Li, Simiao
Doris Duke Clinical Research Fellowship

Lord, Christopher
Medical Research Fellowship, Howard Hughes Medical Institute 06/01/11- 06/01/12. Role: Pre-doctoral fellow, Department of Otolaryngology, University of Pittsburgh School of Medicine, University of Pittsburgh Cancer Institute, Pittsburgh, PA. Mentor: Dr. Robert L. Ferris, M.D., Ph.D. Project Title: The role of Fc gamma receptor IIIa polymorphisms in cetuximab-mediated induction of tumor antigen-specific T cells in head and neck cancer patients

Honorary Associate Membership in the American Association for Cancer Research (AACR) June 2012- June 2013. *Awarded a year-long membership at no cost as an honorary benefit for my participation as a podium presenter in the Late-Breaking Advances in Cancer Research. *Minisymposium at AACR’s annual international meeting in Chicago, IL on April 3, 2012

Best Clinical Paper by a Resident February 2012. *Awarded at the 2012 annual meeting of the North American Skull Base Society in Las Vegas, NV for a manuscript entitled Endoscopic Endonasal Pituitary Surgery: Impact of Surgical Education on Operation Length and Patient Morbidity that I co-authored with an Otolaryngology resident from the University of Pittsburgh Medical Center under the mentorship of Dr. Carl Snyderman

HHMI Research Training Fellowship 2011

Ludwig, Daniel
American Society of Nuclear Cardiology Young Investigator Award, Runner-up (2012)

American Society of Nuclear Cardiology Astellas Travel Award (2012)

Parris, Ritika
Geriatric Fellowship in Neurology

Patel, Kunal
2011 American Heart Association Student Scholarship Award in Cardiovascular Disease Research

Phelps-Tchang, Jane
R-25 Medical Student Research Fellow, National Institute of Mental Health 2011-2012. (NIMH R25-MH054318, PI: Gretchen Haas, PhD)

McGovern, Jonathan
Funded by T32 grant 5T32MH09986-15

Michaelidis, Constantinos
Doris Duke Clinical Research Fellowship

Miller, Weldon
NIH T35 grant ST35AT005933-02 with Dr. Brad Dicianno

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NATIONAL AND STATE AWARDS

Moreau, Jacqueline
Doris Duke Clinical Research Fellowship
Clinical Scientist Training Program Scholarship

Nuffer, Zachary
2013 RSNA Certificate of Merit for Top Ten Commonly Misordered Diagnostic Imaging Studies by Primary Care Physicians
2013 RSNA Certificate of Merit for Radiological Imaging Workup of the Patient Prior to Small Bowel and Multi-visceral Transplantation

Rosenbaum, Alan
Fulbright U.S. Student Program, El Salvador, 2012-2013

Soriano, Alex
Society of Family Planning Grant

Stephenson, Ryan
Doris Duke Clinical Research Fellowship 2011

Stokes, Timothy
Project abstract received 1st place at the Pennsylvania Neurosurgical Society conference in Hershey, PA

Sween, Lindsay
2011 Medical Student Anesthesia Research Fellowship Grant. Foundation for Anesthesia Education and Research, Rochester, MN, May 2011

Walton, Allison
NIMH T32 training grant 2011

Woo, Sean
2010 Medical Student Training in Aging Research Program ($5000)
2014 American Psychosomatic Society Travel Award for Maclean Scholars ($500)
LOCAL AWARDS

Ashley, Blair

Badlani, Jayshiv
Clinical Scientist Training Program Fellowship

Bartels, Christian
Dean’s Year-Off Research Fellowship 2011

Berhane, Hebist
Fanconi Anemia Research Foundation grant

Stephen Phillips Award, Best Basic Science Research by a medical student, 2010

Dean’s Research Fellowship 2011

Chen, Hui-Wei
Dean’s Year-Off Research Fellowship (2011 – 2012)

Clinical Scientist Training Program Fellowship

Chung, Christopher
Merit Award, Dean’s Summer Research Program. University of Pittsburgh School of Medicine. Pittsburgh, PA. October 2010

Orthopedics Fellowship Program 2011

Dreifuss, Stephanie


Dreifuss S.E., Ravuri S.K., McArdle N.L., Phillips B.J., Marra K.G., Rubin J.P. Enhancement of Adipogenic Potential through sFRP1 Antagonism of Wnt Signaling. Winner of “Merit Award for Medical Student Research” at Dean’s Summer Research Symposium. Pittsburgh, PA. October 2011

Gande, Abhiram
2011 Merit Award for Dean’s Summer Research Project abstract and poster

Gary, Brittany
2013 David C. Martin Award for Academic Excellence in the Field of Geriatric Medicine; Pennsylvania Geriatrics Society - Western Division

Gelman, Amanda
Dean’s Summer Research Program Merit Award for Excellence in Biomedical Science Research, University of Pittsburgh School of Medicine
LOCAL AWARDS

Go, Catherine
Certificate of Merit - 2011 University of Pittsburgh School of Medicine Dean's Summer Research Program Symposium. The role of carbon monoxide, a potent anti-inflammatory agent, in attenuating the formation of abdominal aortic aneurysms

Hempen, Eric
2012 Best Rehabilitation Research by a Pre-Doctoral Student, Rehabilitation Institute Research Day, May 2012

Dean's Research Fellowship 2011

Hu, An-Qi
May 2011 – University of Pittsburgh School of Medicine Physician Scientist Training Program Fellowship

Physician Scientist Training Program Fellowship

Jackson, Kyle
Clinical Scientist Training Program Fellowship

Joel, Ian
Clinical Scientist Training Program Fellowship

Johnson, Paul
Physician Scientist Training Program Fellowship

Joshi, Aditya
Semifinalist in Student Healthcare Entrepreneurship Competition at the University of Pittsburgh, Pittsburgh, PA, 2011. (Liposome trap)

Kiyatkin, Michael
MSTP Training Award, Trainee (T32 GM008208), University of Pittsburgh School of Medicine (2008-2009)

T-32 Predoctoral Training grant in Basic Neuroscience, Center for Neuroscience

Lee, Elizabeth
Phillips Award for Outstanding Basic Science or Clinical Science Research, University of Pittsburgh School of Medicine, 2011

Li, Simiao
University of Pittsburgh School of Medicine Certificate of Merit for Excellence in Biomedical Science Research, October 2010

Children's Hospital of Pittsburgh of UPMC Student Research Training Program First place award, July 2010

Clinical Scientist Training Program Fellowship

Lu, Amy
Trainee Travel Award for the Academy of Psychosomatic Medicine Conference 2013

Lu, Annie
Alan Gleitsman Student Research Fund in Palliative Care, 2013. Institute to Enhance Palliative Care, University Of Pittsburgh
LOCAL AWARDS

Ludwig, Daniel
Pitt OED Michael G. Wells Student Entrepreneurship Competition, Finalist (2011)


Morris H. and Gertrude M. Harris Foundation Scholarship (2010, 2013)

Physician Scientist Training Program Fellowship

Lord, Christopher
Physician Scientist Training Program Fellowship

Michaelidis, Constantinos
Clinical Scientist Training Program Fellowship

Moreau, Jacqueline
Clinical Scientist Training Program Fellowship

Morton, Jessica
Clinical Scientist Training Program Fellowship

Nambu, Hiroya
Dean’s Summer Research Program Merit Award

Nwasike, Chinedu
Physician Scientist Training Program Fellowship

Parris, Ritika
2012 Pittsburgh Clinical Research Training Program in Geriatrics and Gerontology

Patel, Divyang
Stephen Phillips Research Award

2nd Place Prize for Best Basic Science Project at 20th Annual American Heart Association (AHA). Fellows Day, Pittsburgh, PA

Phelps-Tschang, Jane

Shine, Kristy
Physician Scientist Training Program Fellowship
LOCAL AWARDS

Thompson, Marcher
University of Pittsburgh School of Medicine Dean’s Research Fellowship 2012

Medical Student Summer Fellowship Program at Memorial Sloan-Kettering Cancer Center 2011

Kliosky Summer Fellowship in Pathology 2010

University of Pittsburgh School Merit Scholarship 2009

Dean’s Research Fellowship 2011

Schwen, Zeyad
AUA Northeastern Section Best Poster Stones/Endourology, 2013

AUA Northeastern Section Best Poster Basic Science, 2013

Hyperoxaluria paper published in Urology was featured on UroToday, MDLinx, and Labome, 2013

Soriano, Alex
University of Pittsburgh International Women’s Reproductive Health Panel

Stokes, Timothy
Summer Research Merit Award for work on my scholarly project pilot study

Tonetti, Daniel
2011 Walter L. Copeland Neurological Surgery Research Fellowship

Toussi, Amir
2012 David C. Martin award to present the summer research project at a national meeting

Voronovich, Zoya
University of Pittsburgh Medical Alumni Association, support of volunteer work on the pediatric neurosurgery service at AIC Kijabe Hospital/Bethany Kids, Kijabe, Kenya during June 2013

Walton, Allison
Scifile fellowship program with Institute for Research, Education and Training in Addictions 2011

Clinical Scientist Training Program Fellowship

Wolf, Megan
Orthopaedic Surgery Research Fellowship. Department of Orthopaedic Surgery, University of Pittsburgh. Advisor: Dr. Freddie Fu. Anatomic ACL Reconstruction

Yoest (Harness), Jennifer
Post-Sophomore Fellowship in Pathology, University of Pittsburgh Department of Pathology July 2012- June 2013
Scholarly Project Deans:

David Hackam, MD, PhD  
Associate Dean for Medical Student Research  
Department of Surgery

Donald Defrancisco, PhD  
Assistant Dean for Medical Student Research  
Department of Pharmacology and Biochemistry

Margaret Conroy, MD, MPH  
Assistant Dean for Medical Student Research  
Department of Medicine

Cynthia Lance-Jones, PhD  
Assistant Dean for Medical Student Research  
Department of Neurobiology

Gwendolyn Sowa, MD, PhD  
Assistant Dean for Medical Student Research  
Department of Physical Medicine and Rehabilitation

Philip Troen, MD  
Assistant Dean for Medical Student Research  
Department of Medicine

Administration:

Suzann Beardsley  
Medical Student Research Administrator

Pamela Harlow  
Medical Student Research Coordinator

Colleen Mayowski  
Program Manager, Scholarly Project