University of Pittsburgh
School of Medicine

SCHOLARS DAY
CLASS OF 2015

WEDNESDAY, APRIL 8, 2015
O’HARA STUDENT CENTER
4024 O’HARA STREET
8:30 A.M. – 1:00 P.M.

SHOWCASING SCHOLARLY PROJECTS
MENTOR AND STUDENT AWARDS
STUDENT PUBLICATIONS
STUDENT NATIONAL, STATE, AND LOCAL AWARDS
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<td>Rhieu, Byung</td>
<td>Understanding two distinct classes of hepatocellular cancer (HCC): Beta-catenin and platelet-derived growth factor receptor alpha (PDGFR alpha)-dependent receptor tyrosine kinase (RTK) signaling</td>
<td>Satdarshan (Paul) Singh Monga, MD</td>
<td>Regenerative Medicine</td>
</tr>
<tr>
<td>Rieser, Caroline</td>
<td>Caspase 3 activation in the pregnant cervix and its potential role in peripheral nerve innervation</td>
<td>Jennifer Condong, PhD</td>
<td>Obstetrics &amp; Gynecology</td>
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<td>(PSTP)</td>
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<td>Rocco, Joseph</td>
<td>Exploring the Potential Role of TbcIF4E-5, A New Translation Initiation Factor Orthologue, On Cell Cycle Progression and Proliferation in Trypanosoma Brucei</td>
<td>Salvador Tarun, PhD</td>
<td>Infectious Disease and Microbiology</td>
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<td>Romero, Cynthia</td>
<td>Developing and testing a computer-based debriefing system for a mannequin-based simulation of an uncal herniation scenario</td>
<td>William McIvor, MD</td>
<td>Anesthesiology</td>
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<tr>
<td>Rosasco, Maria</td>
<td>Probing functional deficits after experimental repetitive mild traumatic brain injury using a scopolamine challenge</td>
<td>Clifton Dixon, MD</td>
<td>Neurosurgery</td>
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<td>Ross, Megan</td>
<td>Pregnant women’s intentions to breastfeed - Do maternal health benefits matter</td>
<td>Eleanor Schwarz, MD</td>
<td>Medicine</td>
</tr>
<tr>
<td>Sabedra, Alexa</td>
<td>Changes in neurocognitive function within 3 Months post cardiac arrest</td>
<td>Jon Rittenberger, MD</td>
<td>Emergency Medicine</td>
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<td>Samberg, Diana</td>
<td>Retinoic acid receptor signaling pathways in psoriasis</td>
<td>Laura Ferris, MD, PhD</td>
<td>Dermatology</td>
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<td>Schott, Trevor</td>
<td>Role of osteosarcoma cancer stem cells markers in predicting patient outcome</td>
<td>Kurt Weiss, MD</td>
<td>Surgery</td>
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<tr>
<td>Shah, Rahul</td>
<td>ISAR tool to identify older adults at risk for return to hospital</td>
<td>Brian Suffoletto, MD</td>
<td>Emergency Medicine</td>
</tr>
<tr>
<td>Shah, Samir</td>
<td>Predictive value of pre-treatment vs. post-treatment PET-CT in prognosticating outcomes in patients with early stage medically-inoperable NSCLC</td>
<td>Dwight Heron, MD, FACRO, FACR</td>
<td>Radiation Oncology</td>
</tr>
<tr>
<td>Shakir, Sameer</td>
<td>Transforming growth factor Beta 1 augments calvarial defect healing and promotes suture regeneration</td>
<td>Joseph Losee, MD &amp; Gregory Cooper, PhD</td>
<td>Plastic Surgery</td>
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<td>(PSTP)</td>
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<td>Shestak, Christopher</td>
<td>Validation of the UVA score for predicting good neurological outcome following out-of-hospital cardiac arrest</td>
<td>Clifton Callaway, MD, PhD</td>
<td>Adolescent Medicine</td>
</tr>
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<td>Shterental, Sebastian</td>
<td>Area index as a new tool for diagnosis of arterial pulmonary hypertension</td>
<td>Hunter Champion, MD, PhD, FAHA</td>
<td>Medicine</td>
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<td>STUDENT</td>
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<td>Sink, Jacquelyn</td>
<td>Diagnosis of pediatric foreign body aspiration and ingestion</td>
<td>Jeffrey Simons, MD</td>
<td>Pediatric Surgery</td>
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<td>Srivastava, Udayan</td>
<td>Lower body lift after massive weight loss: Autoaugmentation vs. no augmentation</td>
<td>Jeffrey Gusenoff, MD</td>
<td>Plastic Surgery</td>
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<tr>
<td>Steen, Talora</td>
<td>Maternal outcomes in patients supplemented with a high protein drink in labor</td>
<td>Manuel Vallejo, MD</td>
<td>Anesthesiology</td>
</tr>
<tr>
<td>Steere, Hannah</td>
<td>Factors affecting STH and schistosomiasis infection and implementation of combined mass drug administration in Calatrava, Negros Occidental, the Philippines</td>
<td>Bernard Jonas Macatangay, MD</td>
<td>Infectious Disease</td>
</tr>
<tr>
<td>Stone, M. Katherine</td>
<td>Accuracy of assessing signs of AOM in children among medical students, residents and pediatricians</td>
<td>Nader Shaikh, MD, MPH</td>
<td>Pediatrics</td>
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<td>Sukato, Daniel</td>
<td>Robotic-assisted vs. laparoscopic hepatectomy: A matched comparison</td>
<td>Allan Tsung, MD</td>
<td>Surgery</td>
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<td>Sun, Xiameng (Ellen)</td>
<td>Prediction of histopathologic severity of breast masses by quantitative maximum stiffness on Shear-wave Elastography</td>
<td>Wendie Berg, MD</td>
<td>Radiology</td>
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<td>Taylor, Kevin</td>
<td>A study of functional co-activation in the insula and ACC during pain processing, and its applications for functional connectivity</td>
<td>James Ibinson, MD</td>
<td>Anesthesiology</td>
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<tr>
<td>Taylor, Shameeke</td>
<td>Regulation of aquaporin 2 (AQP2) by AMP-activated protein kinase (AMPK) in kidney collecting duct</td>
<td>Nuria Pastor Soler, MD, PhD</td>
<td>Medicine</td>
</tr>
<tr>
<td>Tefera, Leben</td>
<td>The effects of coronary artery disease on lung transplantation</td>
<td>Sameer Khandhar, MD</td>
<td>Cardiology</td>
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<tr>
<td>Triplett, Regina (CSTP)</td>
<td>Executive function and connectivity in pediatric epilepsy</td>
<td>Miya Asato, MD</td>
<td>Pediatrics and Psychiatry</td>
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<td>Ukeje, Kenechukwu</td>
<td>Observational study on cognitive impairment and sickle cell disease</td>
<td>Enrico Novelli, MD</td>
<td>Medicine</td>
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<tr>
<td>Vij, Ruchika</td>
<td>Women discuss after-transplant needs and contraceptive experience (DANCE)</td>
<td>Colleen Krajewski, MD</td>
<td>Obstetrics, Gynecology and Reproductive Science</td>
</tr>
<tr>
<td>Wang, Nan</td>
<td>Corticosteroids and adrenal insufficiency in childhood cancer</td>
<td>Rakesh Goyal, MD</td>
<td>Pediatrics</td>
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<tr>
<td>Wang, Xiao</td>
<td>Association between HEMS crew member familiarity and performance</td>
<td>Francis Guyette, MD</td>
<td>Emergency Medicine</td>
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<td>Williams (Severence),</td>
<td>Risk factors associated with adverse neurological events in pediatric patients</td>
<td>Ericka Fink, MD</td>
<td>Critical Care</td>
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<td>Sarah</td>
<td>requiring extracorporeal membrane oxygenation (ECMO)</td>
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<td>Medicine</td>
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<tr>
<td>Wolf, Joel</td>
<td>Does information seeking via internet and smartphones predict attitudes towards</td>
<td>Laura Ferris, MD, PhD</td>
<td>Dermatology</td>
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<td>Wu, Alexander</td>
<td>Platelet-derived HMGB1 in thrombosis</td>
<td>Michael Lotze, MD</td>
<td>Surgery</td>
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<tr>
<td>Xu, Peter</td>
<td>Efficacy of surgical preparation solutions in hand surgery</td>
<td>John Fowler, MD</td>
<td>Orthopedic Surgery</td>
</tr>
<tr>
<td>Younes, Ramee</td>
<td>Association of copy number variations with non-small-cell lung cancer survival</td>
<td>Marjorie Romkes, PhD</td>
<td>Medicine</td>
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<tr>
<td>Zammerilla, Lauren</td>
<td>Abdominal contour deformities after massive weight loss: Classification</td>
<td>Jeffrey Gusenoff, MD</td>
<td>Plastic Surgery</td>
</tr>
<tr>
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<td>modification and surgical interventions</td>
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<td>Zhang, Janie</td>
<td>Effect of transient glucocorticoid exposure on neural progenitor/stem cell</td>
<td>Donald DeFranco, PhD</td>
<td>Pharmacology</td>
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<tr>
<td>Zhang, Richard</td>
<td>The role of extracorporeal membrane oxygenation in myocardial healing for</td>
<td>Christian Bermudez, MD</td>
<td>Surgery</td>
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<td></td>
<td>patients with cardiogenic shock complicating acute myocardial infarction</td>
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<tr>
<td>Zhao, Emily</td>
<td>The role of exercise on cognitive function in masters athletes</td>
<td>Vonda Wright, MD</td>
<td>Surgery</td>
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<tr>
<td>Zhong, Diana</td>
<td>Mucosal-associated microbes in neonatal necrotizing enterocolitis (NEC)</td>
<td>Michael Morowitz, MD</td>
<td>Surgery</td>
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<tr>
<td>Zhou, Siwei</td>
<td>Acupuncture for dry age-related macular degeneration</td>
<td>Deepinder Dhaliwal, MD</td>
<td>Opthalmology</td>
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</tbody>
</table>
SCHOLARLY PROJECT O’MALLEY Awardees

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

- A translational science project carried out by a student during the traditional 4 years of medical school;
- A clinical 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 student who has taken a year off for research and completed medical school in 5 years.

4 Year Translational Science Research winner

Mr. Brian Nolen
Mentor~ Anna Lokshin, PhD, Medicine and Pathology
Project: The use of urine protein biomarkers in the early detection of cancer

4 Year Clinical Science Research winner

Ms. Diane Ling
Mentors~ Dwight Heron, MD; Radiation Oncology
Project: Hospitalizations in patients who receive definite and adjuvant therapy for head and neck cancer (HNC)

5 Year Basic Science Research winner

Mr. Sameer Shakir
Mentors~ Joseph Losee, MD & Gregory Cooper, PhD; Plastic Surgery
Project: Transforming growth factor Beta 1 augments calvarial defect healing and promotes suture regeneration

5 Year Clinical Science Research winner

Ms. Regina Triplett
Mentor~ Miya Asato, MD; Pediatrics & Psychiatry
Project: Executive function and connectivity in Pediatric Epilepsy
Ms. Priyanka Amin  
Mentor~ Judy Chang, MD, MPH; Obstetrics, Gynecology & Reproductive Sciences; Internal Medicine  
Project: Physicians’ care of sexual assault survivors

Ms. Katherine Chin  
Mentor~ Michael Bell, MD; Critical Care Medicine  
Project: Effect of administration of neuromuscular blocking agents in pediatric patients with severe traumatic brain injury on acute complication rates and long-term outcomes

Ms. Brittany Dulmage  
Mentor~ Larisa Geskin, MD; Dermatology  
Project: Three components of the TOX-RUNX3 pathways are differentially expressed in cutaneous T-cell lymphoma

Ms. Polly Fu  
Mentor~ Rebecca Thurston PhD; Psychiatry  
Project: Reporting of vasomotor symptoms by midlife women

Ms. Stephanie Holt  
Mentor~ John Goresan, MD; Cardiology  
Project: Improvement in prediction of outcomes in heart failure patients using cardiac magnetic resonance and echocardiographic global circumferential strain

Mr. Yoav Karpenshif  
Mentor~ Kara Bernstein, PhD; Microbiology & Molecular Genetics  
Project: The characterization of human regulators of homologous recombination in a S. cerevisiae model system

Ms. Lauren McDaniel  
Mentor~ Matthew Neal, MD; Surgery  
Project: The use of a massive transfusion protocol in non-trauma patients

Ms. Judy-April Oparaji  
Mentor~ Jason Rosenstock, MD; Psychiatry  
Project: Healthy Minds Program: A cost-effective method to promote mental health in at-risk minority youth

Ms. Alexa Sabedra  
Mentor~ Jon Rittenberger, MD; Emergency Medicine  
Project: Changes in neurocognitive function within 3 months post cardiac arrest

Ms. Jacquelyn Sink  
Mentor~ Jeffrey Simons, MD; Pediatric Otolaryngology  
Project: Understanding and optimizing management of obstructive sleep apnea in infants

Mr. Joel Wolf  
Mentor: Laura Ferris, MD, PhD; Dermatology  
Project: Does information seeking via internet and smartphones predict attitudes towards visiting the dermatologist?
SCHOLARLY PROJECT FACULTY MENTOR AWARDS

Mentor awards are based on nominations from graduating students.

*Philip Troen, MD, Excellence in Medical Student Research Mentoring Award*

Miya Asato, MD; Associate Professor of Pediatrics and Psychiatry

Judy Chang, MD, MPH; Assistant Professor of Obstetrics, Gynecology and Reproductive Sciences

Jeffrey Gusenoff, MD; Associate Professor of Plastic Surgery

Matthew Neal, MD; Resident in the Department of Surgery

*Medical Student Research Mentoring Merit Award*

Margaret Conroy, MD, MPH; Assistant Professor of Medicine, Epidemiology and Clinical and Translational Science

Donald DeFranco, PhD; Professor and Vice Chair of Medical Education

Anna Lokshin, PhD; Associate Professor of Medicine and Pathology

Paula Monaghan-Nichols, PhD; Associate Professor of Neurobiology

Satdarshan (Paul) Singh Monga, MD; Professor of Pathology
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 2015. 135 students participated in the Scholarly Project course.

Number of publications = 151
Number of manuscripts submitted = 41
Number of national or state awards = 67
Number of local awards = 56

In addition:

- Students in the class of 2015 were authors on 331 presentations at national and international meetings.

- 104 students participated in research during the summer between their 1st and 2nd years of medical school (2012). 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.
Amin, Priyanka

Ayyash, Omar

Benabou, Kelly

Bilan, Victor

Tofovic SP, **Bilan VP**, Mi Z, Jackson EK, Schneider F. Aromatase Inhibition Attenuates and Ovariectomy and 4-Hydroxyestradiol Have Mixed Effects on Development of Angioproliferative Pulmonary Hypertension in Female Rats. *American Journal of Respiratory and Critical Care Medicine* 2013;187:A6099


Tofovic SP, **Bilan VP**, Gladwin MT, Schneider F. Repetitive Hemolysis Induces Severe Angioproliferative Pulmonary Hypertension in Rats. *American Journal of Respiratory and Critical Care Medicine* 2012;185:A1247

Bowles, Austin


PUBLICATIONS


Calderon, Luis
Calderon L, Guyette F, Doshi A, Callaway C, Rittenberger J, Service P. Combining NSE and S100B with clinical examination findings to predict survival after resuscitation from cardiac arrest. Resuscitation 2014;85(8):1025-1029

Caparosa, Ellen


Chen, Leo

Chen, Stephanie


**PUBLICATIONS**

Chen SH, Grandhi R, Deibert CP, Jovin TG, Gardner PA, Ducruet A. Symptomatic Herniation of Intracranial Aneurysm Coil after Verapamil Treatment for Vasospasm: Case Report and Literature Review. *Interventional Neuroradiology* (in press)


Chin, Katherine


Ciuffetelli, Gary


Cohen, Sarah


Dilla, Andrew


Dixit, Ronak


PUBLICATIONS

Duerr, Eric

Dulmage, Brittany


Duvet, Mildred

Fu, Polly
**Fu P**, Matthews KA, Thurston RC. How Well Do Different Measurement Modalities Estimate the Number of Vasomotor Symptoms? Findings from the Study of Women's Health Across the Nation FLASHES Study. *Menopause*. 2014 Feb; 21(2): 124-130

Grady, Cynthia


Haas, Matthew

Haberman (Holt), Stephanie

Jochum, John
John R. Jochum MS, Amy Begley MA, Mary Amanda Dew PhD, Debra K. Weiner MD, Jordan F. Karp MD Advancing the Screening of Fibromyalgia in Late-Life Depression: Practical Implications for Psychiatric Settings International Psychogeriatrics (in press).

Karpenshif, Yoav
Karpenshif, Y., & Bernstein, K. A. From Yeast to Mammals: Recent Advances in Genetic Control of Homologous Recombination. DNA Repair (Amst). 2012 Oct 1;11(10):781-8

Kensler, Caroline

Kingsley, Evan

Knox, Jordan

Landreneau, Joshua


Langmann, Gabrielle

Li, Allen

LING, DIANE


LING DC, VARGO JA, SMITH RP. RADIATION-INDUCED ESOPHAGITIS LEADING TO RECURRENT ESOPHAGEAL STRICTURES IN A PATIENT WITH CREST SYNDROME. Practical Radiation Oncology 2015;5:A1

LING DC, KABOLIZADEH P, HERON DE, OHR, JP, WANG H, JOHNSON JT, KUBICEK, GJ. INCIDENCE OF HOSPITALIZATIONS IN PATIENTS WITH HEAD AND NECK CANCER TREATED WITH INTENSITY-MODULATED RADIATION THERAPY. HEAD AND NECK. 2014 July 2; (Epub ahead of print)

KIM CH, LING DC, WEGNER RE, FLICKINGER JC, HERON DE, ZEH HJ, MOSER AJ, BURTON SA. STEREOTACTIC BODY RADIOTHERAPY IN THE TREATMENT OF PANCREATIC ADENOCARCINOMA IN ELDERLY PATIENTS. Radiation Oncology. 2013 Oct 16; 8(240) (online)

LIU, MONA

LU, SHU
LU, SY., KONIG, G., YAZER, MH., BROOKS, JP., CHEN, YF., JEEG, JH., WATERS, JH. STATIONARY VERSUS AGITATED STORAGE OF WHOLE BLOOD DURING ACUTE NORMOVOLEMIC HEMODILUTION. Anesthesia and Analgesia. 2014 Feb; 118(2): 264-268. PMID: 24445627


LU SY, TANAKA KA, ABUEKASEM E, PLANINSIC RM, SAKAI T. CLINICAL APPLICABILITY OF RAPID THROMBELASTOGRAPHY AND FUNCTIONAL FIBRINOGEN THROMBELASTOGRAPHY IN ADULT LIVER TRANSPLANTATION. Liver Transplantation. 2014 Sep; 20(9): 1097-105. PMID: 24889921
Mallios, Demetrios

Mattson, Jennifer


McDaniel, Lauren


Nakajima, Erica


Narendra, Divya

Nolen, Brian


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**PUBLICATIONS**


**Nwachuku, Enyinna**


**Oparaji, Judy-April**


**Pendleton, Kelsey**


PUBLICATIONS

Pfoff, Marissa

Monk, TH, Pfoff, MK and JR Zarotney. 2013 March. Depression in the Spousally Bereaved Elderly: Correlations with Subjective Sleep Measures. Depression Research and Treatment 2013: 409538

Phillips, Jaclyn

Plonka, Caitlyn

Puyana, Salomon

Rhieu, Byung


PUBLICATIONS


Romero, Cynthia

Rosasco, Maria

Sabedra, Alexa


Schott, Trevor


Shah, Samir

PUBLICATIONS

Horne ZD, Clump DA, Shah SA, Vargo JA, Burton SA, Christie NA, Schuchert MJ, Landreneau RJ, Luketich JD, Heron DE. Pretreatment SUVmax as a Marker for Progression-Free Survival in Stage I NSCLC Treated With SBRT. *Pract Radiat Oncol*. 2013 Apr-Jun;3:S3-4

**Shakir, Sameer**


**Srivastava, Udayan**


**Steen, Talora**


Page 28
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Sukato, Daniel


Wang, Nan

Wolf, Joel


Berman B, Wolf J. The Role of Imiquimod 3.75% Cream in the Treatment of External Genital Warts. *Skin Therapy Lett.* 2012 Apr;17(4):5-7

Xu, Peter

Zammerilla, Lauren


Zhang, Janie (Yue)


Zhao, Emily

Zhong, Diana

MANUSCRIPTS SUBMITTED

Alger, Mikeala
Mikaela Alger, Valerie Stallworth, MPH, John Blosnich, PhD, Jennifer Williams, MSN, RN, Elizabeth J. Mason, MPH, RN, Adam J Gordon, MD, MPH Characteristics of Mental Illness of Urban Homeless: Is Homeless Severity Associated with Depression and Suicidality? Submitted to American Journal of Community Psychology

Ayyash, Omar

Bilan, Victor
Bilan VP, Schneider F, Kohler MT, Shiva S, Morris SM, Gladwin MT, Jackson EK, Tofovic SP. Experimental Intravascular Hemolysis Induces Hemodynamic and Pathological Pulmonary Hypertension - Association with Increased Plasma Adenosine Deaminase Activity. Pulmonary Circulation

Binks, Joshua
Binks J, Horne ZD, Quan K, Clump DA. Multi-Lesion, left-sided, single isocenter radiosurgery treatment in a patient with a pacemaker. Submitted to Applied Radiation Oncology.

Chung, Jeffrey

Dhar, Abhishek
Dhar A, Steere HK, Sink JR, Perez M, Tran T, Macatangay BJC, Belizario VY. Factors Underlying Soil Transmitted Helminth And Schistosomiasis Infections in Calatrava, Negros Occidental, Philippines. Submitted to PLOS-Neglected Tropical Diseases. 2015

Dixit, Ronak
Dixit RB, Hodnett BL, Kim SW. Perineural Invasion in Head and Neck Squamous Cell Carcinoma. Submitted to Head & Neck.


Duerr, Eric
Duerr E, Azar A, Fu FH, Irrgang JJ. Anterior Cruciate Ligament Signal Intensity on MRI Preceding the Development of Knee Osteoarthritis: A Nested Case-Control Study Using Data from the Knee Osteoarthritis Initiative. Submitted to American Journal of Sports Medicine, February 2015

Muller B, Duerr E, Tranovich M, Irrgang JJ, Van Dijk CN, Fu FH. Anatomic Anterior Cruciate Ligament Reconstruction- Reducing Anterior Tibial Subluxation. Submitted to Orthopaedic Journal of Sports Medicine, January 2015

Dulmage, Brittany
Dulmage BO, Vu Jr, Falo, Jr. LD & Geskin LJ. Three Components of the TOX-RUNX3 Pathway are Differentially Expressed in Cutaneous T-cell Lymphoma. Submitted 2015 Feb 13 to British Journal of Dermatology
MANUSCRIPTS SUBMITTED

Goodheart, Anna

Grady, Cynthia

Huynh, Leticia
**Huynh LX**, Salcido DD, Koller AC, Menegazzi JJ. Relationship Between Time to Drug Administration and Outcomes during Out-of-Hospital Cardiac Arrest. In revision for *Resuscitation*.

Jimenez-Bacardi, Adria


Jochum, John
**Jochum JR**, Begley A, Dew MA, Weiner DK, Karp JF. Advancing the Screening of Fibromyalgia in Late-Life Depression: Practical Implications for Psychiatric Settings, *International Psychogeriatrics*

Kamprath, Sagar
**Kamprath S**, Glick R, Lane B, Morone NE. Effects of Mindfulness Meditation on Blood Pressure and Heart Rate Variability in Older Adults Suffering from Chronic Lower Back Pain. *Journal of Evidence-Based Complementary and Alternative Medicine*

Knox, Jordan

Leef, George
Qin D, **Leef GC**, Alam MB, et al. Patient Outcomes According to Adherence to Treatment Guidelines for Rhythm Control of Atrial Fibrillation. Submitted to *Journal of the American Heart Association*

Ling, Diane
**Ling DC**, Hess C, Chen AM, Daly ME. Comparison of Toxicity Between Intensity-Modulated Radiation Therapy and 3-Dimensional Conformal Radiotherapy for Locally Advanced Non-Small Cell Lung Cancer. *J Thorac Oncol*

Liu, Mona
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McCloskey, Karen

Nunez, Eduardo
Nunez ER, Schenker Y, Joel ID, Reynolds CF, Dew MA, Arnold RM, Barnato AE. Acutely-bereaved Surrogates’ Stories about the Decision to Limit Life Support in the ICU. Submitted to Critical Care Medicine

Pendelton, Kelsey

Rao, Anjali
Christopher Roser Jones, MD; Sameer Khandhar, MD; Mohun Ramratnam, MD; Suresh R. Mulukutla, MD; Oscar C. Marroquin, MD; Anjali Rao, BA; Anson J. Conrad Smith, MD; Koji Kato, MD PhD; Ik-Kyung Jang, MD PhD; Catalin Toma, MD Identification of Intrastent Pathology Associated with Late Stent Thrombosis Using Optical Coherence Tomography. Submitted to Journal of Interventional Cardiology

Reiser, Caroline
Caroline J. Rieser BSc1, Michael D. House MD2, Rebecca S. Moreci BSc1, Pancharatnam Jeyasuria PhD3*, Jennifer C. Condon PhD3*. Caspase 3 Activation in the Pregnant Cervix and its Potential Role in Peripheral Nerve Innervation. PLoS One

Rhieu, Byung
Ashwin Shinde, Hebist Berhane, Byung Han Rhieu, Ronny Kalash, Karen Xu, Julie Goff, Michael W. Epperly, Darcy Francila, Xichen Zhang, Tracy Dixon, Donna Shields, Hong Wang, Peter Wipf, Kalindi Parmar, Eva Guinan, Valerian Kagan, Vladimir Tyurin, Robert L. Ferris, Xiaolan Zhang, Song Li, and Joel S. Greenberger Intraoral Mitochondrial-Targeted GS-Nitroxide, JP4-039, Radioprotects Normal Tissue in Tumor-Bearing Radiosensitive Fancl-/- (C57BL/6) Mice. Radiation Research

Shah, Rahul

Shah, Samir

Shakir, Sameer
Afrooz PN, Shakir S, James I, Rubin JP, Gusenoff JA. Dynamics of Gluteal Cleft Morphology in Lower Body Lift: Predictors of Unfavorable Outcomes

MANUSCRIPTS SUBMITTED


Sink, Jacquelyn
Sink JR, Bunimovich O. A Case of Diffuse Facial Skin-colored Smooth Papules in a Young Woman Treated Successfully with Isotretinoin. *JAMA Dermatol.* 2014 Nov

Steen, Talora
Steen TL, Ravin KA, Timmons SD, Krishenovich A. Intracranial Injuries from Dog Bites in Children. *J Neurosurg Pediatr* (under review)

Wang, Xiao
McHugh SM, Wang X, Sullivan EA. Diagnosis of Cardiac Tamponade Following Induction of Anesthesia for Suspected Testicular Torsion. *Annals of Cardiac Anesthesia*

Wolf, Joel

Wu, Alexander

Zhang, Janie (Yue)
NATIONAL AND STATE AWARDS

Amin, Priyanka
2011-2012 National Institute of Mental Health (NIMH) Medical Student Fellow, under Research Education Grant 2R25MH054318, fellowship completed in Pittsburgh, PA

Babalola, Kathleen
2012 American Society of Clinical Oncologists Medical Student Rotation Grant

Benabou, Kelly
2012 T35 Training Grant from the National Institute of Diabetes and Digestive and Kidney Diseases

Bilan, Victor
2012 NIH T35 Training Grant in Endocrinology

Binks, Joshua
2014 Won December Applied Radiation Oncology Case Contest titled: Multi-Lesion, left-sided, single isocenter radiosurgery treatment in a patient with a pacemaker

Calderon, Luis
2013 American Heart Association Fellows Research Day

Caparosa, Ellen
FDA-IND No. 118451. The Effects of Minocycline on Neuroimaging Findings and Cognitive Function after Carotid Revascularization

Chen, Leo
2013 American Association of Immunologists Trainee Abstract (Travel) Award
2013 IFReC/SIgN International School of Advanced Immunology Travel Award

Chen, Stephanie
University of Pittsburgh Dept of Neurological Surgery Chairman’s Grant
University of Pittsburgh Medical Alumni Summer Enrichment Program Award

Cohen, Adam
ASH Abstract Achievement Award 2012
NIH T35 Grant for Hematology/Oncology Research

Cohen, Sarah
2013 Junior Investigators Best Abstract in Clinical Research Semifinalist, Cystic Fibrosis Foundation

Cutler, Jessica
2014 American Heart Association – Young Investigator Award

Dhar, Abhishek
2012 Infectious Diseases Society of America (IDSA) Medical Scholars Program

Dixit, Ronak
2014 third place poster award at the Triological Society meeting as part of the Combined Otolaryngology Spring Meetings (COSM) for the role of HER3 in perineural invasion by head and neck squamous cell carcinoma
NATIONAL AND STATE AWARDS

**Duff, Kyle**
2012 T32 Summer Program in Sleep Medicine, Western Psychiatric Institute and Clinic, Pittsburgh, PA

**Dulmage, Brittany**
Howard Hughes Medical Institute Medical Fellows Program

American Dermatological Association Medical Student Grant

**Duvet, Mildred**
2014 North American Forum on Family Planning Partners Committee Scholarship

2014 The Albert Schweitzer Fellowship, Awarded

**Fu, Polly**
Cardiovascular Behavioral Medicine Training Grant NIH T32 HL 007560

**Gillum, Megan**
2013 Best Early Investigator, American Association of Geriatric Psychiatry annual meeting

**Goodheart, Anna**
University of Pittsburgh Training for Transformative Discovery in Psychiatry (T32 training grant, National Institute of Mental Health)

**Haas, Matthew**
2014 Poster Grand Rounds at AAP Annual Meeting in Nashville, TN

**Haberman (Holt), Stephanie**
2011 American Heart Association, Great Rivers Affiliate: Cardiology Fellows Research Day: First Prize Clinical Science

2010 American Heart Association Fellowship Summer 2010

**Jochum, John**
Traineeship in M-STREAM program: Medical Student Training and Research Experience in Aging and Mental Health

**Kamprath, Sagar**
NIH T35 Training Grant in Integrative, Complementary & Alternative Medicine

**Kim, Jocelyn**
2012 National Institute of Health Ruth L. Kirschstein National Research Service Award Short-Term Institutional Research Training Grant (Parent T35) (Trainees in Health Professional Schools), Role: Principal Investigator

**Langmann, Gabrielle**
2014 Travel Award/Stipend, American Geriatrics Society (given to authors of the top 25 student-submitted abstracts for the 2014 Annual Meeting)

2012 Funding for intensive summer research in geriatrics via NIH T32 AG021885 (PI: Dr. Stephanie Studenski)

**Li, Allen**
2013 NIH T35 Training Grant

**Liu, Mona**
2014 SENTAC meeting. First place poster award
NATIONAL AND STATE AWARDS

Lott, Margaret
ACSM Leadership Diversity Training Program

Lu, Bonnie
2012 NIH-T35 NCCAM Training Grant. Training grant for 10 weeks of research

Lu, Shu
2012 Foundation of Anesthesia Education and Research Summer Scholar

2014 Young Investigator Award, Joint International Congress of the International Liver Transplantation Society

McCloskey, Karen
NIH-sponsored T35 training grant funded by NIDDK (National Institute of Diabetes and Digestive and Kidney Diseases) to support medical student summer research in the areas of renal and epithelial cell biology, endocrinology and diabetes, digestive diseases and hepatology. This grant was used to fund my summer research with Dr. Alonso on pancreatic beta cell proliferation and the unfolded protein response

Nakajima, Erica
Delegate (selected from roughly 140 HHMI Medical Fellows) to the International Achievement Summit hosted by the Academy of Achievement, San Francisco, CA, 2014

2012-2013 Howard Hughes Medical Institute (HHMI) Medical Fellow

2013 Seahorse Bio Travel Award to present at AACR-SNMMI Joint Conference on State-of-the-Art Molecular Imaging in Cancer Biology and Therapy. San Diego, CA

Narendra, Divya
2014 National Eye Institute travel grant to attend the ARVO national conference, Orlando, FL

Nwachuku, Enyinna
2012 National Institute of Mental Health - 2R25 MH054318 Grant

2012 - 2013 Student National Medical Association-Physician Research Initiative Fellow

Nwadiuko, Joseph

O’Neil, Elizabeth
2014 Scholarship to attend the Family Medicine Education Consortium NE Regional Meeting

Oparaji, Judy-April
9/2013 – 9/2014 Helping Hands Grant

9/2012 - 9/2013 American Psychiatric Foundation
NATIONAL AND STATE AWARDS

Pendelton, Kelsey  
2013-present NIH T32 Training Fellowship, Otolaryngology research  
2011 1st place in Cancer Biology, American Medical Association Medical Student Section Research Symposium Poster Award, Annual American Medical Association meeting  
2011 NIH T35 Training Grant, Hematology/Oncology research

Pfoff, Marissa  
NIH T32 HL0862610 training grant (Translational Research Training in Sleep Medicine, Dr. Daniel J. Buysse, MD, Training Director)

Phillips, Jaclyn  
2014 Family Medicine Education Consortium Northeast Regional Conference Scholarship  
2015 Futures without Violence Peter John Sawires Memorial Scholarship

Puyana, Salomon  
2012-2013 Jonas Salk Fellowship

Raymond, Dahlia  
2012 Young Investigator Travel Award - International Society for the Study of Hypertension in Pregnancy

Rhieu, Byung  
2011 NIH sponsored T35 training grant (DK065521) for summer research (liver pathology laboratory project)

Romero, Cynthia  
NIH T-35 Summer Training Grant

Shakir, Sameer  
Owen Memorial Scholarship for Best Junior Investigator Presentation. 12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies Bioprinting to Enhance the Clinical Utility of BMP-2 (co-authored with Smith DM)

2011 Alpha Omega Alpha Carolyn L. Kuckein National Student Research Award. Transforming Growth Factor Beta 1 Improves Bone Healing and Promotes Suture Regeneration. $6,000 grant

Taylor, Kevin  
IARS Best of Conference Research Presentation  
2013 IARS Best of Conference Finalist (Abstract)

Taylor, Shameeke  
2011 International Studies Fund Award  
2011 Ruth Crawford Mitchell Award for International Research  
2013 Beth Israel Deaconess Medical Center Department of Nephrology Research Award

Zammerilla, Lauren  
2013 Northeastern Society of Plastic Surgeons Best Basic Science Award
LOCAL AWARDS

Amin, Priyanka
2011 University of Pittsburgh Graduate School of Public Health Dean’s Research Award

Bernard, Heather
Career Education and Enhancement for Health Care Research Diversity (CEED) II Program Fellowship Grant

Calderon, Luis
2012 Arthur Mirsky Award for Clinical Investigation

Caparosa, Ellen
Walter L. Copeland Fund of the Pittsburgh Foundation Grant Awarded for Analysis of the Molecular Characteristics of the Carotid Plaque

Physician Scientist Training Program Research Fellow, 05/01/12 – 05/01/13

Chen, Stephanie
2012 Summer Research Project Certificate of Merit Award

Chin, Katherine
2013 University of Pittsburgh Graduate Student Association Conference Travel Grant

2013 University of Pittsburgh School of Medicine Student Executive Committee Travel Grant

Cohen, Sarah
2012 Arthur Mirsky Award for clinical investigation (2012), University of Pittsburgh School of Medicine

Dhar, Abhishek
2012 UPSOM Medical Alumni Association (MAA) Summer Enrichment Program

Dixit, Ronak
2011 Arthur Mirsky Award for Outstanding Clinical Research Award in the Dean's Summer Research Project (Psychopathology of Patients with Psychogenic Nonepileptic Spells)

Duvet, Mildred
2013-2014 Career Education and Enhancement for Health Care Research Diversity Program (CEED II)-Research Fellow

Evans, Megan
1st place at the 2012 Summer Student Research Poster Day at Children’s Hospital of Pittsburgh

Fang, Nancy
2013-2014 Pittsburgh Schweitzer Fellows Program, Environmental Fellow

Medical Alumni Association Scholarship, $3500 (Travel grants to investigate intrauterine device acceptability in Haiti and to participate in a medical elective in northern India)

Grady, Cynthia
2011 First Place Runner Up for the Young Investigator Award, Gateway Medical Society Annual Provider Symposium

2014 Clinical Scientist Training Program Scholarship, Univ. of Pittsburgh School of Medicine
LOCAL AWARDS

2012 Career Education & Enhancement for Health Care Research Diversity (CEED) Grant for Medical Students Research Initiatives, University of Pittsburgh Institute for Clinical Research and Education

Haas, Matthew
2014 Poster Grand Rounds at Rehabilitation Institute Research Day in Pittsburgh, PA

Huang, Bernice
Alumni Summer Enrichment Program

Global Health Travel Scholarship

University of Pittsburgh International Studies Fund

Hudak, Stephen
Intrahepatic Chemoembolization on Tumor Necrosis in HCC Patients

Huynh, Leticia
2012 Dean’s Summer Research Merit Award

Karpenshif, Yoav
2012 Stephen Phillips award for Outstanding Bio-medical Science Research

Kensler, Caroline
2012 Dean’s Year-off Fellowship Recipient

Langmann, Gabrielle
2014 David C. Martin Award, Pennsylvania Geriatrics Society, Western Division (funding for attendance at the 2014 American Geriatrics Society Annual Meeting)

2013 David C. Martin Award, Pennsylvania Geriatrics Society, Western Division (funding for attendance at the 2013 American Geriatrics Society Annual Meeting)

Leef, George
Merit Award for Dean’s Summer Research Symposium Project

Ling, Diane
University of Pittsburgh School of Medicine Certificate of Merit for Excellence in Biomedical Science Research

Lott, Margaret
Career Education and Enhancement for Health Care Diversity (CEED II) Program

Lu, Shu
2012 University of Pittsburgh Dean’s Summer Research Merit Award

Martz, Rebecca
2012 Klionsky Fellowship for Pathology Research, University of Pittsburgh Medical Center, Department of Pathology, Pittsburgh, PA

Nakajima, Erica
2012 Second prize for poster presentation in Translational Research Category at UPCI Retreat; Pittsburgh, PA

2012 Poster presentation award at the UPCI Regional Translational Research in Mitochondria, Aging, and Disease; Pittsburgh, PA
LOCAL AWARDS

Nunez, Eduardo
David C. Martin Award for Academic Excellence in the Field of Geriatric Medicine from the Pennsylvania Geriatrics Society Western Division

Nwadiuko, Joseph
2012 University of Pittsburgh CTSI CEED Research Grant ($5,000) (A Quantitative Study of the Healthcare Contributions of Expatriate Nigerian Physicians)

2011 Best presentation – Medical Student, Gateway Medical Society, for A survey of US-based Nigerian Physicians Examining Factors Influencing Permanent Remigration to Nigeria

O’Neill, Elizabeth
2013 Scholarly Project Conference Funding

Plonka, Caitlyn
Certificate of Merit of Excellence in Clinical Science Research (2012). Serum Norepinephrine in Children with Palliated Single Ventricle Cardiac Defects. Dean’s Summer Research Program, University of Pittsburgh School of Medicine

Puyana, Salomon
James W. Knox Memorial Award (Nationality Room Scholarship)

Raymond, Dahlia
Dean’s Summer Research Award- Certificate of Merit for Excellence in Biomedical Science Research

Rieser, Caroline
2011 Dean’s Summer Research Merit Award for Excellence in Biomedical Research

Rhieu, Byung
2011 Merit Award at the Dean’s Summer Research Program Symposium (liver pathology laboratory project)

Dean’s Year-off Fellowship (Radiation Oncology laboratory research)

Rocco, Joseph

Schott, Trevor
2012 Excellence in Biomedical Science Research – Deans Summer Research Symposium

Shakir, Sameer
Winner, Best Clinical Presentation. UPMC Department of Plastic Surgery Resident Research Day Symposium, June 2014.
Components Separation for Abdominal Wall Reconstruction: The Pitt Experience, A Review of 605 Cases (co-authored with Naran S)

Winner, Best Basic Science Presentation. 30th Annual Meeting of the Northeastern Society of Plastic Surgery, September 2013.
Calvarial Reconstruction with BMP-2: Concomitant Treatment with Vone Marrow Cells (co-authored with MacIsaac ZM)

Winner Best Clinical Science Presentation. UPMC Department of Plastic Surgery Resident Research Day Symposium, June 2013.
Components Separation for Abdominal Wall Reconstruction: The Pittsburgh Experience, A Review of 311 Consecutive Single Surgeon Cases (co-authored with Naran S)
LOCAL AWARDS


Shterental, Sebastian
CSTP Fellowship

Steere, Hannah
Nationality Room Scholarship

Taylor, Shameeke
2012 Dean’s Summer Research Grant (2011). Gateway Medical Society Scholarship

Zammerilla, Lauren
2012 Dean’s Summer Research Symposium Certificate of Merit

Zhang, Janie (Yue)
2012 Stephen Phillips Award for Dean’s Summer Research Project
**Scholarly Project Deans:**

Donald DeFranco, PhD  
Associate Dean for Medical Student Research  
Department of Pharmacology and Bio Chemistry

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

Judy Chang, MD, MPH  
Assistant Dean for Medical Student Research  
Department of Obstetrics, Gynecology and Reproductive Sciences and Internal Medicine

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

Rebecca Hughey, PhD  
Assistant Dean for Medical Student Research  
Department of Neurobiology

James Irrgang, PT, PhD  
Assistant Dean for Medical Student Research  
Department of Orthopedic Surgery

**Scholarly Project Administration:**

Suzann Beardsley  
Medical Student Research Administrator

Pamela Harlow  
Medical Student Research Coordinator