

University of Pittsburgh
School of Medicine



SCHOLARS DAY
CLASS OF 2017

WEDNESDAY, APRIL 12, 2017
O'HARA STUDENT CENTER
4024 O'HARA STREET
8:30 A.M. – 1:00 P.M.

SHOWCASING SCHOLARLY RESEARCH PROJECTS
MENTOR AND STUDENT AWARDS
STUDENT PUBLICATIONS
STUDENT NATIONAL, STATE, AND LOCAL AWARDS

TABLE OF CONTENTS

2017 Scholarly Research Projects	Pages 1 - 11
Scholarly Research Project O'Malley Awards	Page 12
Scholarly Research Project Certificate of Merit Awards	Page 13
Scholarly Research Project Faculty Mentor Awards	Page 14
Student Accomplishments	Page 15
Publications	Pages 16 - 29
Manuscripts submitted	Pages 30 - 35
National and State Awards	Pages 36 - 38
Local Awards	Pages 39 - 43
Scholarly Research Project Deans and Administration	Page 44

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Attaar, Mikhail	Factors that influence liberation from positive pressure ventilation and decannulation in children with chronic respiratory failure secondary to bronchopulmonary dysplasia	Jeffrey Simons, MD	Otolaryngology
Al-Khafaji, Ahmed (PSTP)	Superoxide induces injurious Neutrophil Extracellular Traps in Liver Ischemia-Reperfusion in a TLR-4 and NOX-dependent mechanism	Allan Tsung, MD	Surgery
Bansal, Utsav (CSTP)	Update on temporary mechanical circulatory support for right ventricular failure.	Jay Bhama, MD Robert Kormos, MD	Cardiothoracic Surgery
Baptiste, Julian	Surgical outcomes of severe (proximal) hypospadias-Focus on Complications and Redo-Surgery	Francis Schneck, MD	Pediatrics
Barton, David	Persistent hypogonadotropic hypogonadism in men after severe traumatic brain injury	Amy Wagner, MD	Physical Medicine & Rehabilitation
Bell, Kimberly	Long acting reversible contraceptive uptake before and after the Affordable Care Act contraceptive mandate in women undergoing 1st trimester surgical abortion	Beatrice Chen, MD, MPH	OB/GYN & Reproductive Sciences
Bone, Megan	Developing a predictive model of the evolution of neurobehavioral comorbidities in children with new-onset epilepsy	Miya Asato, MD	Pediatrics
Brooks, Derrick	Combination treatment with acute bromocriptine plus delayed-and-abbreviated environmental enrichment therapy on controlled cortical impact injured rats	Anthony Kline, PhD	Physical Medicine & Rehabilitation
Bruehlman, Alyssa	Healthy homes incentive program: health impact assessment	Diemthuy Bui, MD	Medicine
Bruno, Michael	Oncologic outcomes in minimally invasive versus open liver resection: a case-matched analysis	Allan Tsung, MD	Surgery
Brynien, Daniel	Effect of the HDAC Inhibitor, Suberoylanilide Hydroxamic Acid (SAHA), on the Metastatic Potential of Osteosarcoma	Kurt Weiss, MD	Orthopaedic Surgery

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Bui, John	Ex vivo activation of CD4+ T-cells from donors on suppressive ART can lead to sustained production of infectious HIV-1 from a subset of infected cells	John Mellors, MD	Medicine
Bullock, Andrew	Evaluation of measures to reduce allogeneic blood transfusion in total knee and hip arthroplasty	James J Irrgang, PhD, PT	Orthopaedic Surgery
Bush, Brian	The effect of Fecal Microbiota Transplantation (FMT) on gut microbiome community composition in pediatric IBD	Michael Morowitz, MD	Surgery
Byrd, Catherine	Assessment of cerebral blood flow after traumatic brain injury plus hemorrhagic shock in mice: A study of polynitroxylated-negylated hemoglobin	Patrick Kochanek, MD	Critical Care Medicine
Cardi, Alessandra	Quantifying trends in neurological status of patients overtime following resuscitation after cardiac arrest	Jon Rittenberger, MD	Emergency Medicine
Chai, Andrea	Enhanced surveillance (ES) for patients at high-risk for multidrug resistant organisms (MDRO) colonization	Mohamed Yassin, MD	Medicine
Chu, Alan	Volume-matched study identifying predictors of failure in radiosurgery for skull base meningiomas	Ajay Niranjana, MD	Neurological Surgery
Cipullo, Jennifer	Improving UPSOM MS3 students'™ understanding and avoidance of affective biases in clinical decision-making	Paul Paris, MD	Emergency Medicine
Corbin, Bethany	Determining the feasibility and acceptability of SMARxT among residents and its efficacy in increasing evidence-based prescribing	Brian Primack, MD, PhD	Medicine
Dail, Michelle	Effects of co-morbid medical conditions on age of onset and progression of Huntington's Disease	Valerie Suski, DO	Neurology
Dasari, Mohini (CSTP)	Barriers to Long-Acting Reversible Contraceptive (LARC) uptake among homeless young women	Elizabeth Miller, MD, PhD	Adolescent Medicine
Davis-Maxwell, Anthony	Evaluation of UPMC Liver Transplant CMV prevention strategy for quality improvement	Marian Michaels, MD, MPH	Pediatrics

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Demko, John	Role of urinary plasmin in activating ENaC in nephrotic syndrome	Thomas Kleyman, MD	Medicine
Devanath, Sudipta	Medical-legal partnerships: A systems-based approach to addressing social determinants of health for adolescents and young adults	Elizabeth Miller, MD, PhD	Pediatrics
Doerfler, Sean	Transoral robotic surgery for management of cervical unknown primary squamous cell carcinoma: Updates on efficacy, surgical technique and margin status.	Duvvuri Umamaheswar, MD, PhD	Otolaryngology
Doerfler, William	The effect of autophagy inhibition on neutrophil extracellular trap (NET) formation and hypercoagulability in pancreatic cancer	Herbert Zeh, MD	Surgery
Doyal, Mark	Promoter-targeted anti-nociceptive HSV-1 vectors have differential effects on pain based on the neuronal population targeted	William Goins, PhD	Molecular Genetics & Biochemistry
Dubique, Jordan	In-vivo imaging of the 3d architecture of the Lamina Cribosa	Gadi Wollstein, MD	Ophthalmology
Echebiri, Nnaemeka	Gene variants encoding monoamine oxidase and cognitive deficits following traumatic brain injury	Amy Wagner, MD	Physical Medicine & Rehabilitation
Fombona, Anisleidy	The importance of delay to the operating room for unplanned reoperations and clinical outcomes associated with emergency take backs	Jason Sperry, MD	Surgery
Geskin, Albert	Modification of antenatal glucocorticoid effects by statins	Donald DeFranco, PhD	Pharmacology
Godse, Neal	Trajectory evaluation of a highly flexible robot in transoral surgery	Kyle Soltys, MD	Pediatrics
Gonzalez, Daniel	Neural strategies in learning	Aaron Batista, PhD	Neuroscience
Goyal, Akash	Treatment of microvascular microembolization following PCI using microbubbles and ultrasound	John Pacella, MD	Medicine
Guedes, Brian	Quality of clinical outcomes in patients with and without dialysis treatment prior to renal transplantation: A single-center study	Ibtesam Hilmi, MD	Anesthesiology

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Gupta, Ragini	Role of the abdominal vagus and hindbrain in inhalational anesthesia-induced vomiting.	Charles Horn, PhD	Anesthesiology
Hankins, Margaret	The effects of ACL deficiency on meniscal strain and cartilage deformation	Christopher Harner, MD	Orthopaedic Surgery
Hapak, Sophie	Synapse loss in triple mutant (PS1/APP/Kalirin +/-) mice.	Robert Sweet, MD	Psychiatry
Hartke, Vance	Patient perceived voice outcomes following positive airway pressure	Ryan Soose, MD	Otolaryngology
Hazen, Benjamin	Study of longevity in the elderly: Trabecular bone scores	Susan Greenspan, MD	Medicine
He, Siping	Long-term outcomes and toxicities of adjuvant pelvic IMRT for endometrial carcinoma	Beriwal Sushil, MD	Radiation Oncology
Hedayati, Daniel	Homeless Veterans' Opinions of Integrated Care Environments (H-VOICE): A photo-narrative study	Adam Gordon, MD, MPH	Medicine
Heffner, Danielle	Outcomes of stroke patients administered tPA via telemedicine at community hospitals vs. at a comprehensive stroke center	Parthasarathy Thirumala, MD	Neurological Surgery
Hodzic, Zerina	The effect of breast milk on neonatal differentiation of intestinal epithelium and enterocyte proliferation and apoptosis	Misty Good, MD	Pediatrics
Hong, Christopher	Determinations of failure of non-recalled implantable cardioverter-defibrillator (ICD) leads and their impact on patient outcomes	Samir Saba, MD	Medicine
Houston, Neil	Patient preferences during skin cancer screening examination	Laura Ferris, MD, PhD	Dermatology
Jang, Sae	Biomechanics of right ventricular diastolic function	Marc Simon, MD	Medicine
Jones, Terrell	Pathologic findings in bone marrow biopsies performed for evaluation of diffuse bone marrow signal abnormalities detected on magnetic resonance imaging	Sarah Gibson, MD	Pathology
Jonnalagadda, Amruth	Measuring ESR1 mutations in circulating tumor DNA of patients with stage IV breast cancer	Adrian Lee, PhD	Pharmacology

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Kaffenberger, Thomas	5-Hydroxymethylation as a therapeutic biomarker in metastatic melanoma	Seungwon Kim, MD	Otolaryngology
Karnati, Tejas	Meta-analysis of 30-day mortality of periprocedural stroke during Carotid Endarterectomy (CEA)	Parthasarathy Thirumala, MD	Neurological Surgery
Kaplan, Daniel	Validation of a chicken wing training model for endoscopic microsurgical dissection	Carl Snyderman, MD, MBA	Otolaryngology
Kendrick, Karla	The processing of affective stimuli following sleep restriction in adolescents: pupillary responses to social feedback	Peter Franzen, PhD	Psychiatry
Kho, Terry	Preventive interventions for major depression in developing and developed countries	Charles Reynolds, MD	Psychiatry
Kola, Sushma	Regenerating trabecular meshwork by mobilizing adjacent stem cells in ex-vivo porcine eyes	Nils Loewen, MD, PhD	Ophthalmology
Kondylis, Efstathios (PSTP)	Movement related dynamics of cortical oscillations in Parkinson's disease and essential tremor	R. Mark Richardson, MD, PhD	Neurosurgery
Kwon, Matthew	Telewellness support systems for spinal cord injury	Brad DiCianno, MD	Physical Medicine & Rehabilitation
Lahti, Steven	Effect of KRAS mutations on survival after Yttrium-90 radioembolization of colorectal cancer liver metastases	Hyun Kim, MD	Medicine
Lamm, Vladimir	Neurotransmitter receptors involved in sacral neuromodulation of bladder overactivity.	Changfeng Tai, PhD	Urology
Lawrence, Jesse	Utility of the Intensive care unit in patients undergoing microvascular decompression: a multiinstitution comparative analysis	Raymond Sekula, MD, MBA	Neurosurgery
Lee, Wei-Wei	Implications of syndromic diagnoses in Pierre Robin Sequence	Jesse Goldstein, MD	Plastic Surgery
Levine, Anne	Somatic symptoms, depression, and disease activity in pediatric inflammatory bowel disease	Eva Szigethy, MD, PhD	Psychiatry
Lin, Elizabeth	Sarcopenia as a predictor of 90 day mortality in the elderly after a fall	Jason Sperry, MD	Surgery

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Lindner, Samuel	Assessing parent engagement around adolescent relationship abuse communication with their middle school age children	Elizabeth Miller, MD, PhD	Pediatrics
Loeb, Daniel	Coaching boys into men	Elizabeth Miller, MD, PhD	Pediatrics
Maduka, Sobie	Association of social support and weight loss success in persons with and without medical comorbidities	Margaret Conroy, MD, MPH	Medicine
Manmohan, Rajan	Comparing functional outcomes for children with and without hydrocephalus associated with myelomeningocele	Amy Houtrow, MD, PhD, MPH	Physical Medicine & Rehabilitation
Marcott, Matthew	Epidemiology and outcomes of intra-abdominal candidiasis	Paschalis Vergidis, MD	Medicine
Martin, Petra	Identification of primary inborn errors of metabolism leading to treatment-refractory major depressive disorder	Lisa Pan, MD	Psychiatry
Matsumoto, Martha	Telomeres length in early and successful agers	Susan Greenspan, MD	Medicine
Mclaughlin, Michael	Relationship of HMG CoA reductase inhibitors and pulmonary function in individuals with HIV	Alison Morris, MD	Medicine
Mehta, Kunal (CSTP)	Perineural invasion in esophageal carcinoma	Arjun Pennathur, MD	Critical Care Medicine
Mike, Thomas	Anxiety and depression as mediators in the relationship between childhood sleep and adolescent substance use	Brant Hasler, PhD	Psychiatry
Milito, Chelsea	GAD deficits in PV containing cell subtypes in schizophrenia	Kenneth Fish, PhD	Psychiatry
Miller, Matthew	Examining predictors of wound dehiscence in postoperative body contouring patients	J. Peter Rubin, MD	Plastic Surgery
Milne, Megan	Modification of red blood cell rheology and shear induced hemolysis during pregnancy	Jonathan Waters, MD	Anesthesiology
Mirvish, Judah	High throughput sequencing in basal cell carcinoma	Tim Patton, DO	Dermatology
Mirzakazemi, Tahereh	Latino family health study: evaluating recruitment strategies and effectiveness	Sharon Ross, PhD	Behavioral Health

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Mori, Westley	Measuring the personal burden of isotretinoin therapy and willingness to pay for electronic follow-up visits	Tim Patton, DO	Dermatology
Mortenson, Jeffrey	Clinical outcome following repair of medial meniscus root tears	James J Irrgang, PhD, PT	Orthopaedic Surgery
Nadimpalli, Sameera	Determining the sensitivity, specificity, and accuracy of Eustachian tube function tests in predicting middle ear barotrauma during simulated diving.	William Doyle, PhD	Otolaryngology
Nguyen, Don	Azole-resistance among Aspergillus isolates recovered from lung transplant recipients receiving prolonged antifungal prophylaxis	Minh Nguyen, MD	Medicine
Ni, Jennifer	Under-recognition of cardiac malformation associated genetic syndromes	Joseph Shieh, MD, PhD	Pediatrics
Ohlsen, Timothy	The effect of acute sleep restriction on risk-taking and reward-motivated behavior during early adolescence	Peter Franzen, PhD	Psychiatry
Osnard, Michael	Anti-hypertensive management post heart transplant and impact on renal outcomes.	Jeffrey Teuteberg, MD	Medicine
Paduano, Claire	Pain matrix activity following negative mood induction in patients with chronic lower back pain	Ajay Wasan, MD	Anesthesiology
Parker-Pitts, Kendra	Role of non-contrast head CT in cardiac arrest survival prognostication	Clifton Callaway, MD, PhD	Emergency Medicine
Patel, Stuti	Characterizing the expression of the Notch signaling pathway in human sarcoma cell lines	Kurt Weiss, MD	Orthopaedic Surgery
Polsunas, Lilinete	"So I need a kidney" : The intersection of race, transplant-related beliefs and treatment choices in patients with end-stage kidney disease	Larissa Myaskovsky, PhD	Medicine
Polsunas, Patrick	A quantitative comparison of range of motion used in common yoga postures in patients 3-12 months following anterior cervical decompression and fusion vs. age-matched controls	Gwendolyn Sowa, MD, PhD	Physical Medicine & Rehabilitation

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Prabhu, Arjun	How sleep quality and duration of cognitive and physical activity relates to post-activity headaches over the first 28 days after mTBI versus non-mTBI head injury: an intensive longitudinal study	Brian Suffoletto, MD	Emergency Medicine
Radparvar, Melina	Diagnostic accuracy of intraoperative neuromonitoring in high-risk patients undergoing cardiac surgery	Parthasarathy Thirumala, MD	Neurological Surgery
Richman, Adam	Toxicity and treatment outcomes in recurrent non-small cell lung cancer with mediastinal node involvement treated With Stereotactic Ablative Radiation	David Clump II, MD, PhD	Radiation Oncology
Saltzman, Laura	Preparing emergency personnel for Ebola PPE (PREP): The utility of "Just-in-Time Training in Naive Personnel"	Joe Suyama, MD	Emergency Medicine
Scarlotta, Matthew	Autophagy and PD-L1 in acute myeloid leukemia	Michael Lotze, MD	Surgery
Schenk, William	After the tsunami: Physician perspectives on Sri Lanka's health system recovery	Diemthuy Bui, MD	Medicine
Seely, John	Optimizing the exchange of laryngeal tube devices	Raquel Forsythe, MD	Surgery
Sevco, Tyler	Determining the prevalence and clinical significance of ANA, anti-SSA and anti-SSB antibodies in african american patients with Rheumatoid arthritis	Larry Moreland, MD	Medicine
Shaikh, Humza	The Second Fracture: Avulsion of the anterolateral capsular complex	James J Irrgang, PhD, PT	Orthopaedic Surgery
Shin, Donghoon	Pelvic trauma in multi-center level 1 trauma system: Interventions and fracture patterns by age	Robert Short, MD, PhD	Radiology
Sincebaugh, James	Relationship of microbial translocation to COPD in HIV-infected individuals	Alison Morris, MD	Medicine
Siyakurima, Edgar	Scaphoid non-union	John Fowler, MD	Orthopaedic Surgery
Slocum, Breonna	Cost analysis of PANGEA study	Ericka Fink, MD	Critical Care Medicine
Slowey, Daniel	Post-cardiac arrest mortality rates With different levels of targeted temperature management within patient illness severity categories	Jon Rittenberger, MD	Emergency Medicine

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Smith, Daniel	Best practices: are pre-contrast T1 fat suppression sequences necessary in musculoskeletal radiology clinical imaging?	Carol Andrews, MD	Radiology
Smith, Emily	Role of maternal childhood trauma in quality of interactions between depressed mothers and their children	Holly Swartz, MD	Psychiatry
Steele, Marshall	Effect of acute sleep deprivation on cognitive performance and fear extinction recall	Anne Germain, PhD	Psychiatry
Suh, Philip	Progeroid mouse model to study age-related kidney vascular dysfunction	Donna Stolz, PhD	Pathology
Swanzy, Leah	What is the effect of the clinical label "SGA" on AGA neonates?	Jacob Larkin, MD	OB/GYN & Reproductive Sciences
Taft, Maia	Cardiac arrest-induced variance in endothelial responses in diabetic and non-diabetic patients	Cameron Dezfulian, MD	Critical Care Medicine
Tay, Justin	The response of CNS resident macrophage vs peripheral macrophage in both topologic and biologic ECM are the same	Stephen Badylak, DVM, MD, PhD	Surgery
Teoli, Dac	Sociodemographic and psychosocial predictors of disturbed sleep in midlife women.	Martha Hall, PhD	Psychiatry
Thadikonda, Kishan	Evaluating barbed suture technique during dermal closure in breast reduction	Vu Nguyen, MD	Plastic Surgery
Tisherman, Robert (PSTP)	NF- κ B signaling pathway in controlling intervertebral disk cell response to inflammatory and mechanical stressors	Gwen Sowa, MD, PhD	Physical Medicine and Rehabilitation
To, Lillian	The effect of diabetes mellitus on surgical complications in the body contouring patient after massive weight loss	Kacey Marra, PhD	Plastic Surgery
Toirac, Alexander	Can hand surgeons predict the results of electrodiagnostic testing?	John Fowler, MD	Orthopaedic Surgery
Trybula, Siting	The effect of Gamma Knife surgery on survival in patients with greater than twenty brain metastases	Edward Monaco, MD, PhD	Neurological Surgery
Umfrey, Leah	Synthetic glucocorticoids influence neural cell migration in murine fetal hypothalamus by regulating serpin expression.	Donald DeFranco, PhD	Pharmacology

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Urrechaga, Eva	Comparing pain outcomes of intra-operative IV Tylenol and/or IV Toradol administration vs placebo for carpal tunnel and distal radius fracture surgeries	John Fowler, MD	Orthopaedic Surgery
Vasireddi, Anil (PSTP)	Functional connectivity of resting hemodynamic signals in sub-millimeter orientation columns of the visual cortex	Alberto Vazquez, PhD; Seong-Gi Kim, PhD	Radiology
Villalobos, Shantal	Physicians' interventions to address health inequities in Southwestern Pennsylvania	Diemthuy Bui, MD	Medicine
Wang, Sicong	The correlation between changes in fat free mass/fat free mass index and functional outcomes in COPD patients	Jessica Bon, MD	Medicine
Wang, William	A prospective comparison of diagnostic tools for the diagnosis of Carpal Tunnel Syndrome	John Fowler, MD	Orthopaedic Surgery
Ware, Benjamin	Defining aesthetic priorities in patients with cleft lip and palate	Jesse Goldstein, MD	Plastic Surgery
Waterman, Lauren	Bypassing the blues: insomnia in the post-CABG population	Jordan Karp, MD	Psychiatry
Webber, Molly	"High Utilizers": patient narratives from the enhanced care program	Julie Childers, MD	Medicine
Weed, Jared	Segmentation of the human corticospinal tract using advanced diffusion magnetic resonance imaging tractography	Juan Fernandez-Miranda, MD	Neurological Surgery
Welko, Nicholas	:Characterization of duplex ultrasound criteria to determine degree of tibial artery stenosis	Rabih Chaer, MD	Surgery
West, Caroline (CSTP)	Long term survival after Extra-cardiac Fontan procedure with fenestration: A retrospective analysis of factors that influence morbidity & mortality	Victor Morrell, MD	Cardiothoracic Surgery
Wu, Bryan	Comparison of three treatment options for asymptomatic carotid stenosis	Rabih Chaer, MD	Surgery
Wu, Rebecca	The effect of perceived psychological stress on the immunogenicity of the HPV vaccine	Richard Zimmerman, MD	Family Medicine

2017 Scholarly Research Projects

STUDENT	PROJECT TITLE	MENTOR	AFFILIATION
Xu, Zeyu	An investigation into the relative contributions of symptomatic and asymptomatic <i>C. difficile</i> colonized patients to environmental <i>C. difficile</i> contamination in rehabilitation units	Alison Galdys, MD Jane Marsh, PhD	Medicine
Yau, Wendy (PSTP)	Longitudinal assessment of neuroimaging and clinical markers un autosomal dominant Alzheimers disease	William Klunk, MD, PhD	Neurology
Yen, Kevin	The etiology of Type I diabetes mellitus: Antigen spreading and TCR v-beta bias	Ingrid Libman De Gordon, MD, PhD	Pediatrics
Yih, Erika	Improving the usability of the Interactive Mobile Health and Rehabilitation (iMHere) System	Brad DiCianno, MD	Physical Medicine & Rehabilitation
York, Zachary	Assessment of HIV-1-Related Oral Mucosal Disease and use of saliva in Measuring HIV-1 viral load	Bernard Macatangay, MD	Medicine
Zamanian, Maryam	Characterization of presentation in patients with invasive lobular carcinoma	Rachel Jankowitz, MD	Medicine
Zhang, Jessie	Borderline personality traits in maternal behavior	Alison Hipwell, PhD	Psychiatry
Zhou, James	Sensitivity and specificity of neurophysiological changes to detect iatrogenic neurological injury in laboratory animals	Parthasarathy Thirumala, MD	Neurological Surgery
Zhou, Tianhua	Sex based thromboelastography disparities post- injury: Independently different early on but why?	Jason Sperry, MD	Surgery
Zimmer, Thomas	Identification of primary inborn errors of metabolism leading to treatment-refractory MDD	Lisa Pan, MD	Psychiatry

SCHOLARLY RESEARCH 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 Research 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 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 Basic Science Research winner:

Ms. Sophie Hapak

Mentor: Robert Sweet, MD; Department of Psychiatry

Project: Synapse loss in triple mutant (PS1/APP/Kalirin +/-) mice

4 Year Clinical Science Research winner:

Mr. William Wang

Mentor: John Fowler, MD; Department of Orthopaedic Surgery

Project: A Prospective Comparison of Diagnostic Tools for the Diagnosis of Carpal Tunnel Syndrome

5 Year Clinical Science Research winner:

Ms. Mohini Dasari

Mentor: Elizabeth Miller, MD, PhD; Department of Adolescent Medicine

Project: Barriers to Long-Acting Reversible Contraceptive (LARC) uptake among homeless young women

5 Year Basic Science Research winner:

Mr. Mark Doyal

Mentor: William Goins, PhD; Department of Microbiology & Molecular Genetics

Project: Promoter-targeted anti-nociceptive HSV-1 vectors have differential effects on pain based on the neuronal population targeted

SCHOLARLY RESEARCH PROJECT CERTIFICATE OF MERIT AWARDEES

Mr. David Barton

Mentor: Amy Wagner, MD; Department of Physical Medicine and Rehabilitation

Project: Persistent hypogonadotropic hypogonadism in men after severe traumatic brain injury

Mr. Albert Geskin

Mentor: Don DeFranco, PhD; Department of Pharmacology

Project: Modification of antenatal glucocorticoid effects by statins

Mr. Akash Goyal

Mentor: John Pacella, MD; Department of Medicine

Project: Treatment of microvascular microembolization following PCI using microbubbles and ultrasound

Ms. Danielle Heffner

Mentor: Parthasarathy Thirumala, MD; Department of Neurosurgery

Project: Outcomes of stroke patients administered tPA via telemedicine at community hospitals vs. at a comprehensive stroke center

Ms. Zerina Hodzic

Mentor: Misty Good, MD; Department of Pediatrics

Project: The effect of breast milk on neonatal differentiation of intestinal epithelium and enterocyte proliferation and apoptosis

Mr. Neil Houston

Mentor: Laura Ferris, MD, PhD; Department of Dermatology

Project: Patient preferences during skin cancer screening examination

Mr. Thomas Kaffenberger

Mentor: Seung Kim, MD; Department of

Project: 5-Hydroxymethylation as a therapeutic biomarker in metastatic melanoma

Mr. Daniel Kaplan

Mentor: Carl Snyderman, MD; Department of Otolaryngology

Project: Validation of a chicken wing training model for endoscopic microsurgical dissection

Ms. Petra Martin

Mentor: Lisa Pan, MD; Department of Psychiatry

Project: Identification of primary inborn errors of metabolism leading to treatment-refractory major depressive disorder

Mr. Thomas Mike

Mentor: Brant Hasler, PhD; Department of Psychiatry

Project: Impact of CMT-3 on intertwined physiological, biochemical and inflammatory networks in Porcine Sepsis/ARDS

Ms. Stuti Patel

Mentor: Kurt Weiss, MD; Department of Oncology

Project: Characterizing the expression of the Notch signaling pathway in human sarcoma cell lines

Mr. Dac Teoli

Mentor: Martha Hall, PhD; Department of Psychiatry

Project: Sociodemographic and psychosocial predictors of disturbed sleep in mid-life women

Mr. James Zhou

Mentor: Parthasarathy Thirumala, MD; Department of Neurosurgery

Project: Sensitivity and specificity of neurophysiological changes to detect iatrogenic neurological injury in laboratory animals

2017 SCHOLARLY RESEARCH PROJECT FACULTY MENTOR AWARDS

Mentor awards are based on nominations from graduating students.

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

Dr. Philip Troen, a distinguished physician and highly regarded Scholarly Research Project Dean retired from the University of Pittsburgh at the end of November 2014. Dr. Troen was a co-founding director and first appointed Assistant Dean for the Scholarly Research Project course from its commencement inception in 2004.

As a tribute to his years of outstanding mentoring service to the medical school community, we have created the Philip Troen, MD Excellence in Medical Student Research Mentoring award. This award is presented each year to the SRP mentor who demonstrated exemplary care and commitment in all aspects of SRP student mentoring. This award recognizes the hard work contributed by the mentors to the Scholarly Research Project, as well as the relationships that develop between mentor and student over the course of the Scholarly Research Project course from each graduating class.

This year's award winners were:

Umamaheswar Duvvuri, MD, PhD; Assistant Professor, Department of Otolaryngology

Brant Hasler, PhD; Assistant Professor, Department of Psychiatry

Elizabeth Miller, MD, PhD; Chief, Division of Adolescent and Young Adult Medicine; Professor, Department of Pediatrics

Larissa Myaskovsky, PhD; Associate Professor, Department of Medicine, Psychiatry and Clinical Translational Science

Robert Sweet, MD; Endowed Professor, Department of Psychiatric Neuroscience and Professor, Department of Neurology

Medical Student Research Mentoring Merit Award

This award is presented to a Scholarly Project (SP) mentor of a graduating Pitt Med student in recognition for outstanding mentoring over the course of the SP.

This year's award winners were:

Laura Ferris, MD, PhD; Associate Professor, Department of Dermatology

Beant Gill, MD; Assistant Professor, Department of Radiation Oncology

Amanda Stapleton, MD; Assistant Professor, Department of Pediatric Otolaryngology

Eva Szigethy, MD, PhD; Associate Professor, Department of Psychiatry, Medicine and Pediatrics

Richard Zimmerman, MD, MPH; Professor with tenure, Department of Family Medicine

STUDENT ACCOMPLISHMENTS

The following lists of publications, manuscripts in submission, and national, state and local awards were compiled from the Scholarly Research Project Final Reports submitted in February 2017.

132 students participated in the Scholarly Project course.

Number of publications = 168

Number of manuscripts submitted = 69

Number of national or state awards = 40

Number of local awards = 60

In addition:

- Students in the class of 2017 were authors on 241 presentations at national and international meetings.
- 117 students participated in research during the summer between their 1st and 2nd years of medical school (2014). These students received competitive funds from the Dean of the School of Medicine, Children's Hospital, the Departments of Medicine, Pathology and Psychiatry and NIH T35 and T32 grants to individual UPSOM research groups.

PUBLICATIONS

Bansal, Utsav

Kline AE, Mcaloon RL, Henderson KA, **Bansal UK**, et al. Evaluation of a Combined Therapeutic Regimen of 8-OH-DPAT and Environmental Enrichment After Experimental Traumatic Brain Injury. *J Neurotrauma*. 2010;27(11):2021-32. PMID: 21028935

Zhang Z, Bandari, J, **Bansal U**, Tai C, et al. Sacral Neuromodulation of Nociceptive Bladder Overactivity in Cats. *J Neurourology & Urodynamics*. PMID: 27571328

Bandari J, **Bansal U**, Shen B, Zhang Z, et al. Neurotransmitter Mechanisms Underlying Sacral Neuromodulation of Bladder Overactivity in Cats. *Neuromodulation*. 2017 Jan;20(1):81-87 PMID: 27730701

Jiang X, Fuller TW, Bandari, J, **Bansal U**, Tai C, et al. Contribution of GABA_A, Glycine, and Opioid Receptors to Sacral Neuromodulation of Bladder Overactivity in Cats. *JPET*. 2016 Dec;359(3):436-441 PMID: 27729478. Published

Bansal U, Shen B, Tai C, et al. Spinal Segmental Contribution of Pudendal and Tibial Inhibition of Bladder Overactivity in Cats. *J Neurourology & Urodynamics*. PMID: 27778372. ePublished. 2016

Fuller TW, Jiang X, **Bansal U**, Tai C, et al. Sex Difference of GABA-B Receptor in Tibial Neuromodulation of Bladder Overactivity in Cats. *Am J Physiol- Regul Integr Comp Physiol*. 312(3):R292-R300 PMID: 27974317

Theisen K, Fuller TW, **Bansal U**, Rusilko P, et al. Safety and Surgical Outcomes of Same-Day Anterior Urethroplasty. *Urology*. S0090-4295(16)30942-6 PMID: 28081879

Barton, David

Barton DJ, Kumar RG, McCullough EH, Galang G, Arenth PM, Berga SL, Wagner AK. Persistent Hypogonadotropic Hypogonadism in Men After Severe Traumatic Brain Injury: Temporal Hormone Profiles and Outcome Prediction. *Journal of Head Trauma Rehabilitation*, 2016, 31(4): 277-287. PMID: 26360007

Barton DJ, Tift FW, Cournoyer LE, Vieth JT, Hudson KB. Acute Alcohol Use and Injury Patterns in Young Adult Rehospital Patients. *Prehospital Emergency Care*, 2016, 20(2): 206–211. PMID: 27002348

Winston CN, Noel A, Neustadtl A, Parsadanian M, **Barton DJ**, Chellappa D, Wilkins T, Alikhani A, Zapple DN, Villapol S, Planel E, Burns MP. Dendritic Spine Loss and Chronic White Matter Inflammation in a Mouse Model of Highly Repetitive Head Trauma. *American Journal of Pathology*, 2016, 186(3): 552-567. PMID: 26857506

Bullock, Andrew Griffith

Padia R, Olsen G, Henrichsen J, **Bullock G**, Gale C, Stoddard G, Ott M, Srivastava R, Meier JD. Hospital and Surgeon Adherence to Pediatric Tonsillectomy Guidelines Regarding Perioperative Dexamethasone and Antibiotic Administration. *Otolaryngology--Head and Neck Surgery*. 2015, Aug; 153(2): 275-280. Cited in PubMed; PMID: 25931295

Brynien, Daniel

Mu X, **Brynien D**, Weiss KR. The HDAC Inhibitor Vorinostat Diminishes the In Vitro Metastatic Behavior of Osteosarcoma Cells. *BioMed Research International*. 2015;2015:290368. doi:10.1155/2015/290368 PMID: 25785263

Byrd, Catherine

Brockman EC, Jackson TC, Dixon CE, Bayır H, Clark RS, Vagni V, Feldman K, **Byrd C**, Ma L, Hsia C, Kochanek PM. Polynitroxylated Pegylated Hemoglobin-A Novel, Small Volume Therapeutic for Traumatic Brain Injury Resuscitation: Comparison to Whole Blood and Dose Response Evaluation, *J Neurotrauma*, 2017, PMID: 27869558

PUBLICATIONS

Dasari, Mohini

Dasari M, Avgerinos E, Raju S, Tahara R, Chaer R. Outcomes of Iliac Vein Stents Following Pregnancy. *Journal of Vascular Surgery*. 2017 2016-09-01, Volume 64, Issue 3, Pages 840-841
<https://www.clinicalkey.com/#!/content/journal/1-s2.0-S0741521416304608>

Dasari M, Asturias S, Garbett M, Zargarán E, Machaín G, Hameed M, Puyana JC. Implementing Electronic Surgical Registries in Lower-Middle Income Countries: Experiences in Latin America. *Annals of Global Health*. 2016 Jul-Aug;82(4):639-43 PMID: 27986233

Dasari M, Wessel CB, Hamad GG. Prophylactic Mesh Placement for Prevention of Incisional Hernia Following Open Bariatric Surgery: A Systematic Review and Meta-Analysis. *American Journal of Surgery*. 2016 Oct;212(4):615-22 PMID: 27659158

Dasari M, Garbett M, Miller E, Machaín G, Puyana JC. Implementation of a Hospital Electronic Surgical Registry In A Lower-Middle Income Country. *World Journal of Surgery*. 2016, Dec;40(12):2840-46 PMID: 27460141

Dasari M, Borrero S, Akers AY, Sucato GS, Dick R, Hicks A, Miller E. Barriers to long-acting reversible contraceptive (LARC) uptake Among homeless young women. *J Pediatr Adolesc Gynecol*. 2016 Apr;29(2):104-10. Epub 2015 Jul 23 PMID: 26210293

Doerfler, Sean

Geltzeiler M, **Doerfler S**, Turner M, Albergotti W.G., Kubik M, Kim S, Ferris R, Duvvuri U. Transoral Robotic Surgery for Management of Cervical Unknown Primary Squamous Cell Carcinoma: Updates on Efficacy, Surgical Technique and Margin Status, *Oral Oncology*, 2017, 66: 9-13. PMID: 28249654

Dong, Zachary

Dong ZM, Wollstein G, Schuman JS. Adaptive Optics OCT in Glaucoma. *Prog Retin Eye Res*. 57:76-88 2016. (PMID: 27916682)

Dong ZM, Khor CC, Wiggs JL. (2017) Genome-Wide Association Studies of Glaucoma. *In Essentials in Ophthalmology: Advances in Vision Research*, Chapter 20, 1st Ed. G Prakash & T Iwata (Eds.), Springer. 2017
<http://www.fishpond.com.au/Books/Advances-Vision-Research-Gyan-Prakash-Takeshi-Iwata/9784431565093>

Dong ZM, Wollstein G, Schuman JS. Clinical Utility of Optical Coherence Tomography in Glaucoma. *Invest Ophthalmol Vis Sci*. 2016; 57: OCT556–OCT567. (PMID: 27537415)

Dong ZM, Chidi AP, Goswami J, Han K, Simmons RL, Rosengart MR, Tsung A. Prior Inpatient Admission Increases the Risk of Post-Operative Infection in Hepatobiliary and Pancreatic Surgery. *HPB (Oxford)*. 2015;17(12):1105-12. (PMID: 26333471)

Dong ZM, Wollstein G. Chapter, *OCT in Glaucoma*. 2016. *In press*.

Zammerilla LL, Zou RH, **Dong ZM**, Winger DG, Rubin JP, Gusenoff JA. Classifying Severity of Abdominal Contour Deformities After Weight Loss to Aid in Patient Counseling: A Review of 1006 Cases. *Plast Reconstr Surg*. 2014; 134(6):888e-894e. (PMID: 25415111)

Steele AK, Lee EJ, Vestal B, Hecht D, **Dong Z**, Rapaport E, Koeppe J, Campbell TB, Wilson CC. Contribution of Intestinal Barrier Damage, Microbial Translocation and HIV-1 Infection Status to An Inflammaging Signature. *PLoS One*. 2014; 9(5):e97171. (PMID: 24819230)

PUBLICATIONS

Manuzak JA, Dillon SM, Lee EJ, **Dong ZM**, Hecht DK, Wilson CC. Increased Escherichia Coli-Induced Interleukin-23 Production by CD16+ Monocytes Correlates With Systemic Immune Activation in Untreated HIV-1-Infected Individuals. *J Virol* 2013; 87(24):13252-13262. (PMID: 24067979)

Dillon SM, Lee EJ, Kotter CV, Austin GL, Dong Z, Hecht DK, Gianella S, Siewe B, Smith DM, Landay AL, Robertson CE, Frank DN, Wilson CC. An Altered Intestinal Mucosal Microbiome in HIV-1 Infection Is Associated With Mucosal and Systemic Immune Activation and Endotoxemia. *Mucosal Immunol.* 2014; 7(4):983-994. (PMID: 24399150)

Dubique, Jordan

Dubique J, Chu D, Harma T. Neovascularization of Thymoma from Left Internal Mammary Bypass Graft. *Annals of Thoracic Surgery.* 2016, 103(3):e247-e248 PMID: 28219559

Fombona, Anisleidy

Brown JB, Sperry JL, **Fombona A**, Billiar TR, Peitzman AB, Guyette FX. Pre-trauma Center Red Blood Cell Transfusion is Associated With Improved Early Outcomes in Air Medical Trauma Patients. *Journal of the American College of Surgeons.* 2015, May; 220(5): 797-808. Cited in PubMed; PMID: 25840537

Leeper C, Lin E, Hoffman M, **Fombona A**, Zhou T, Kutcher M, Rosengart M, Watson G, Billiar T, Peitzman A, Zuckerbraun B, Sperry J. Computed tomography abbreviated assessment of sarcopenia following trauma: The CAAST measurement predicts 6-month mortality in older adult trauma patients. *The Journal of Trauma and Acute Care Surgery.* 2016, May; 80(5): 808-811. Cited in PubMed; PMID: 26885997

Yecies T., **Fombona A.**, Semins M. Single Pulse-Per-Second Fluoroscopy Reduces Patient Radiation Exposure during Ureteroscopy. *Urology* S0090-4295(17)30047-X. PMID: 28126487

Godse, Neal

Grandhi R, **Godse N**, Williamson RW, Hanel RA. Bowhunter's syndrome. *BMJ Case Rep.* 2015;2015. PMID: 26106183

Kulkarni S, Bill A, **Godse NR**, Khan NI, Kass JI, Steehler K, Kemp C, Davis KS, Bertrand CA, Grandis JR, Gaither LA, Duvvuri U. TMEM16A/ANO1 Suppression Improves Response to Antibody Mediated Targeted Therapy of EGFR and HER2/ERBB2. *Genes, Chromosomes and Cancer*, 2017 (in press) PMID: 28177558

Goyal, Akash

Suffoletto B, **Goyal A**, Puyana JC, Chung T. Can an App Help Identify Psychomotor Function Impairments During Drinking Occasions in the Real World? A Mixed Method Pilot Study. *Subst Abus*, 2017 (in press)

Goyal A, Yu FTH, Tenwalde MG, Chen X, Villanueva FS, Pacella JJ. Inertial Cavitation Ultrasound with Microbubbles Improves Reperfusion Efficacy When Combined With Low Dose tPA in an In-vitro Model of Microvascular Obstruction. *Ultrasound Med Biol*, 2017 (in press)

Juengst SB, Failla MD, Kumar R, **Goyal A**, Wagner AK. Acute Inflammatory Biomarker Profiles Predict Depression Following Moderate to Severe TBI. *J Head Trauma Rehab*, 2015. 30(3): 207-18. PMID: 24590155

Goyal A, Failla MD, Niyonkuru C, Amin KB, Fabio A, Berger RP, Wagner AK. S100b as a Prognostic Biomarker in Outcome Prediction for Patients with Severe TBI. *J Neurotrauma*, 2013. 30(11): 946-57. PMID: 23190274

Niyonkuru C, Wagner AK, Ozawa H, Amin KB, **Goyal A**, Fabio A. Group Based Trajectory Analysis Applications for Prognostic Biomarker Model Development in Severe TBI: A Practical Example. *J Neurotrauma*, 2013. 30(11): 938-45. PMID: 23421760

PUBLICATIONS

Guedes, Brian

Liang NL, **Guedes BD**, Duvvuri U, Singh MJ, Chaer RA, Makaroun MS, Sachdev U. Outcomes of Interventions for Carotid Blowout Syndrome in Patients with Head and Neck Cancer. *J Vasc Surg*. 2016 Jun; 63(6): 1525-30. PMID: 26926937

Gupta, Ragini

Gupta RG, Schafer C, Ramarosan Y, Sciuillo MG, Horn CC. Role of the Abdominal Vagus and Hindbrain in Inhalational Anesthesia-induced Vomiting. *Autonomic Neuroscience*, 2017, 202: 114-121. PMID: 27396693

Hankins, Margaret

Arner, J., Irvine, J., Zheng, L., Thorhauer, E., Baidoo, K., **Hankins, M.**, Abebe, E., Tashman, S., Zhang, X., Harner, C. The Effects of ACL Deficiency on the Meniscus and Articular Cartilage: A Dynamic in vitro Pilot Study. *Orthopedic Journal of Sports Medicine*. April 1, 2016; 4(4). PMID: PMC4826955

He, Siping

He, S., Gill, B.S., Heron, D.E., Kelley, J.L., Sukumvanich, P., Olawaiye A.B., Edwards, R.P., Comerci, J., Beriwal, S. Long-term Outcomes Using Adjuvant Pelvic Intensity Modulated Radiation Therapy (IMRT) for Endometrial Carcinoma. *Pract Radiat Oncol*. 2017 Jan - Feb;7(1):19-25. doi:10.1016/j.prro.2016.06.005. PMID: 27527897

Hedayati, Daniel

Mitchell, M. A., **Hedayati, D. O.**, Rodriguez, K. L., Gordon, A. J., Broyles, L. M., True, G., Balbale, S. N., & Conley, J. W. (2016). Logistical Lessons Learned in Designing and Executing a Photo-Elicitation Study in the Veterans Health Administration. *The Qualitative Report*, 21(7), 1303-1315. Retrieved from <http://nsuworks.nova.edu/tqr/vol21/iss7/8>

Heffner, Danielle

Heffner DL, Thirumala PD, Pokharna P, Chang YF, Wechsler L. Outcomes of Spoke-Retained Telestroke Patients Versus Hub-Treated Patients After Intravenous Thrombolysis. *Stroke*. 2015. 46(11):316107, PMID: 26396027

Hodzig, Zerina

Hodzig Z, Bolock A and Good M (2017). The Role of Mucosal Immunity in the Pathogenesis of Necrotizing Enterocolitis. *Front. Pediatr*. 5:40. PMID: 28316967

Hodzig Z, Rowan NR, Kashiwazaki R, Willson TJ, Wang EW, Lee SE. A Systematic Review of Sinonasal Oncocytomas and Oncocytic Carcinomas: Diagnosis, Management, and Technical Considerations. *Int Forum Allergy Rhinol*. 2017 January 16. PMID: 28092140

Parks OB, Pociask DA, **Hodzig Z**, Kolls JK and Good M. Interleukin-22 Signaling in the Regulation of Intestinal Health and Disease. *Front. Cell Dev. Biol*. 3:85, January 2016. PMID: 26793707

Good M, Sodhi CP, Egan CE, Afrazi A, Jia H, Yamaguchi Y, Lu P, Branca MF, Ma C, Prindle T Jr, Mielo S, Pompa A, **Hodzig Z**, Ozolek JA, Hackam DJ. Breast Milk Protects Against the Development of Necrotizing Enterocolitis Through Inhibition of Toll-like Receptor 4 in the Intestinal Epithelium Via Activation of the Epidermal Growth Factor Receptor. *Mucosal Immunology*. 8(5):1166-79, September 2015. PMID: 25899687

Houston, Neil

Houston NA, Secrest AM, Harris RJ, Mori WS, Eliason MJ, Phillips CM, Ferris LK. Patient Preferences During Skin Cancer Screening Examination. *JAMA Dermatol*. 2016 Sep 1;152(9):1052-4. PMID: 27166873

PUBLICATIONS

Ferris LK, Kupetsky E, **Houston NA**. A Preliminary, Open Label, Single-arm Study of Calcipotriene/Betamethasone Topical Suspension As A Supplement to Non-biologic Systemic Therapy for Psoriasis. *J Clin Aesthet Dermatol*. 2016 Apr; 9(4):33-38. PMID: 27462386

Mori WS, **Houston N**, Moreau JF, Prevost N, Gehris RP, Ferris LK, Patton TJ. Personal Burden of Isotretinoin Therapy and Willingness to Pay for Electronic Follow-up Visits. *JAMA Dermatol*. 2015 Dec; 23:1-3. PMID: 26720269

Jonnalagadda, Amruth

Wang P, Bahreini A, Gyanchandani R, Lucas PC, Hartmaier RJ, Watters RJ, **Jonnalagadda AR**, Trejo Bittar, Berg A, Hamilton RL, Kurland BF, Weiss KR, Mathew A, Leone JP, Davidson NE, Nikiforova MN, Brufsky AM, Ambros TF, Stern AM, Puhalla SL, Lee AV, Oesterreich S. Sensitive Detection of Mono- and Polyclonal ESR1 Mutations in Primary Tumors, Metastatic Lesions and Cell Free DNA of Breast Cancer Patients. *Clinical Cancer Research*. 2016; 5:1130-1137. PMID: 26500237

Gyanchandani R, Kota K, **Jonnalagadda A**, Minter T, Knapick B, Oesterreich S., Brufsky A, Lee A, Puhalla S. Detection of ESR 1 Mutations in Circulating Cell-free DNA from Patients With Metastatic Breast Cancer Treated with Palbociclib and Letrozole. *Oncotarget*. 2016; in press. PMID: 27556863

Kaffenberger, Thomas

Kaffenberger TM, Mandal R, Schaitkin BM, Hirsch BE. Palatal Botulinum Toxin as a Novel Therapy for Objective Tinnitus in Forced Eyelid Closure Syndrome. *Laryngoscope*. 2016 PMID: 27717035

Mandal R, Duvvuri U, Ferris RL, **Kaffenberger TM**, Choby GW, Kim S. Analysis of Post-transoral Robotic Assisted Surgery Hemorrhage: Frequency, Outcomes, and Prevention. *Head Neck*. 2015, 38(S1): 776-82. PMID: 25916790

Kaffenberger TM, Stephenson RM, Columbe D, Johnson JT. Calcium Hydroxyapatite Injection for Management of Periprosthetic Tracheoesophageal Puncture Leakage. *Ann Otolaryngol Rhinol*. 2014, 1(3): 1011 (<https://www.jsccimedcentral.com/Otolaryngology/otolaryngology-1-1011.pdf>)

Kaplan, Daniel

Kaplan DJ, Cuellar VG, Jazrawi LM, Strauss EJ. Biomarker Changes in ACL Deficient Knees Compared With Contralaterals. *Arthroscopy: The Journal of Arthroscopic and Related Techniques*. 2017. Jan 24 [Epub ahead of print]. PMID: 28130030

Capo J, **Kaplan DJ**, Fralinger DJ, Gyftopoulos S, Jazrawi LM, Alaia MJ. Femoral Screw Divergence in ACL Reconstruction When Using an Outside-in Retrograde Drill—A Cadaveric Study. *Arthroscopy: The Journal of Arthroscopic and Related Techniques*. 2017 Feb; 33 (2): 355-361. PMID: 27625004

Wasserman B, Sing B, **Kaplan DJ**, Weinberg ME, Jazrawi LM, Strauss EJ. Braking Reaction Time After Right Knee Anterior Cruciate Ligament Reconstruction: A Comparison of Three Grafts. *Arthroscopy: The Journal of Arthroscopic and Related Techniques*. 2017 Jan; 33(1): 173-180. PMID: 27570169

Abdelshahed M, Mahure SA, **Kaplan DJ**, Mollon B, Zuckerman JD, Kwon YW, Rokito AS. Arthroscopic Rotator Cuff Repair: Double-Row Transosseous Equivalent Suture Bridge Technique. *Arthroscopy Techniques*. 2016 Nov 14; 5(6): e1297-1304. PMID: 28149729

Kaplan DJ, Glait SA, Ryan JR WE, Jazrawi LM. Modified Jobe Approach with Docking Technique For Ulnar Collateral Ligament Reconstruction. *Arthroscopy Techniques*. 2016 Nov 21; 5(6): e1321-e1326. PMID: 28149731

PUBLICATIONS

Agten, C, **Kaplan DJ**, Jazrawi LM, Burke C. Clinical Perspective Subchondroplasty: What the Radiologist Needs to Know. *American Journal of Roentgenology*. 2016 Dec; 207(6): 1257-1262. PMID: 27623504

Frankel VH, **Kaplan DJ**, Egol KA. Biomechanics of Fractures. *Journal of Orthopaedic Trauma*. 2016 AUG; 30 Suppl 2:S2-6. PMID: 27441928

Gonzalez-Lomas G, Dold AP, **Kaplan DJ**, Fralinger DJ, Jazrawi LM. Osteochondral Proximal Tibial and Lateral Meniscal Allograft Transplant. *Arthroscopy Techniques*. 2016 Aug 29; 5(5), e953-958. PMID: 27909660

Kaplan DJ, Dold AP, Fralinger DJ, Meislin RJ. Endoscopic Gluteus Medius Repair Augmented with Bioinductive Implant. *Arthroscopy Techniques*. 2016 Aug 1; 5(4), e821-e825. PMID: 27709043

Chen JS, Novikov D, **Kaplan DJ**, Meislin RJ. Effect of Additional Sutures Per Suture Anchor in Arthroscopic Bankhart Repair: A Review of Single-loaded Versus Double-loaded Suture Anchors. *Arthroscopy: The Journal of Arthroscopic and Related Techniques*. 2016 Jul; 32(7):1415-20. PMID: 27157660

Capo J, **Kaplan DJ**, Fralinger DJ, Adler R, Jazrawi LM, Alaia MJ. Ultrasonographic Visualization and Assessment of the Anterolateral Ligament. *Knee Surgery, Sports Traumatology and Arthroscopy*. 2016 June (epub ahead of print). PMID: 27344549

Fralinger DJ, **Kaplan DJ**, Weinberg ME, Strauss EJ, Jazrawi LM. Biological Treatments for Tendon and Ligament Pathologies: A Critical Analysis Review. *Journal of Bone and Joint Surgery Reviews*. 2016 Jun 21; 4 (6): e5. PMID: 27486722

Galos DK, Konda SR, **Kaplan DJ**, Ryan WE, Alaia MJ. Transosseous Equivalent Repair for Distal Patella Tendon Avulsion. *Arthroscopy Techniques*. 2016 Apr; 5(2), e385-389. PMID: 27462538

Kaplan DJ, Kim JH, Wang E, Snyderman CH. Prognostic Indicators for Salvage Surgery of Recurrent Sinonasal Malignancy. *Journal of American Academy of Otolaryngology-Head and Neck Surgery*. 2016 Jan; 154(1): 104-112. PMID: 26424747

Kim J., Kim S, Albergotti WG, Choi PA, **Kaplan DJ**, Abberbock S, Johnson JT, Gildener-Leapman N. Selection of Ideal Candidates for Surgical Salvage of Head and Neck Squamous Cell Carcinoma: Effect of the Charlson-Age Comorbidity Index and Oncologic Characteristics on 1-Year Survival and Hospital Course. *JAMA Otolaryngol Head Neck Surg*. 2015 Dec 1;141(12):1059-65. PMID: 26447790

Protopsaltis TS, Choi CE, **Kaplan DJ**. Double-Door or "French-Door" Cervical Laminoplasty. *Journal of Spinal Disorders and Techniques*. 2015 Nov;28(9):319-23. PMID: 26422693

Kaplan DJ, Vaz-Guimaraes F, Fernandez-Miranda JC, Snyderman CH. Validation of a Chicken Wing Training Model for Endoscopic Microsurgical Dissection. *Laryngoscope*. 2015 Mar; 125(3):571-6. PMID: 25417605

Fatade F, Axelrod D, Lien K, **Kaplan D**, Nagula S. Percutaneous Endoscopic Gastrostomy Tube Placement Complicated by a Gastric Pseudoaneurysm and Recurrent Hemorrhage. *Endoscopy*. 2012; 44 Suppl 2 UCTN:E38-9. PMID: 22396267

Weinberg ME, **Kaplan DJ**, Pham H, Dold AP, Goodwin DS, Strauss EJ, Jazrawi LM. Treatments for Osteoarthritis of the Knee. *Journal of Bone and Joint Surgery Reviews*. (in press October 2016)

PUBLICATIONS

Shamah S, Singh B, **Kaplan DJ**, Strauss EJ. Anteromedial Portal ACL Reconstruction with Tibialis Anterior Allograft Using Mitek Femoral and Tibial Intrafix Instrumentation. *Arthroscopy Techniques*. October 2016 [http://www.arthroscopytechniques.org/article/S2212-6287\(16\)30144-X/fulltext](http://www.arthroscopytechniques.org/article/S2212-6287(16)30144-X/fulltext)

Kaplan DJ, Jazrawi T, Capo J, Strauss EJ. Multiple Ligament Reconstruction For Absent Cruciate and A Congenital Short Femur. *Bulletin for the Hospital for Joint Diseases*. (in press)

Karnati, Tejas

Kyle Johnson, Wajd Al-Holou, Richard Anderson, Thomas Wilson, **Tejas Karnati**, Mohannad Ibrahim, Hugh Garton. Morphometric Analysis of the Developing Pediatric Cervical Spine. *Journal of Neurosurgery: Pediatrics*. 2016, Sep; 18(3): 377-389. Cited in PubMed; PMID: 27231821

Prateek Agarwal, Divyansh Agarwal, **Tejas Karnati**, Carl Kraus, Arpan V. Prabhu, Nitin Agarwal. (2016). Socioeconomic Considerations. In Agarwal, N (Ed.), *The Evolution of Health Literacy: A Novel Modality for Improving Patient Outcomes* (pp. 12-34). Pittsburgh: BMC Public Health. (https://www.novapublishers.com/catalog/product_info.php?products_id=60415)

Kho, Terry

Huang, Y., Morales-Rosado, J., Ray, J., Myers, T., **Kho, T.**, Lu, M., Munford, R. Toll-like Receptor Agonists Promote Prolonged Triglyceride Storage in Macrophages. *Journal of Biological Chemistry*. 2014, Jan; 289(5): 3001-12. Cited in PubMed; PMID: 24337578

Lu, M., **Kho, T.**, Munford, R.S. Prolonged Triglyceride Storage in Macrophages: pHo Trumps pO2 and TLR4. *Journal of Immunology*. 2014, Aug; 193(3): 1392-7. Cited in PubMed; PMID: PMID: 24973452

Kola, Sushma

Zgibor J.C., Schlenk E.A., Vater L.V., **Kola S.**, Vander Bilt J., Woody S., Jacob M.E., Lo-Ciganic W., Brenckle A., Brandenstein J., Kwok C.K., Boudreau R., Albert S., Conroy M., Rodgers E., Newman A.B. Partnership Building and Implementation of an Integrated Healthy-Aging Program. *Community Partnerships: Research, Education, and Action*. 2016, Mar; 10(1): 123-132 <https://muse.jhu.edu/article/612668/pdf>

Kondylis, Efstathios

Kondylis, E.D., Randazzo, M.J., Alhourani, A., Lipski, W.J., Wozny, T.A., Pandya, Y., Ghuman, A.S., Turner, R.S., Crammond, D.J. and Richardson, R.M., 2016. Movement-related Dynamics of Cortical Oscillations in Parkinson's Disease and Essential Tremor. *Brain*, 139(8), pp.2211-2223 PMID: 27329771

Kondylis, Efstathios D.*, Michael J. Randazzo*, Ahmad Alhourani, Thomas A. Wozny, Witold J. Lipski, Donald J. Crammond, and R. Mark Richardson. High Frequency Activation Data Used to Validate Localization of Cortical Electrodes During Surgery for Deep Brain Stimulation" *Data in Brief* 6 (2016): 204-207 PMID: 26862560

Randazzo MJ*, **Kondylis ED***, Alhourani A, Wozny TA, Lipski WJ, Crammond DJ, Richardson RM. Three-Dimensional Localization of Cortical Electrodes in Deep Brain Stimulation Surgery from Intraoperative Fluoroscopy. *NeuroImage*, 125, pp.515-521 (2016) PMID: 26520771

Alhourani A, McDowell MM, Randazzo MJ, Wozny TA, **Kondylis ED**, Lipski WJ, Beck S, Karp JF, Ghuman AS, Richardson RM. Network Effects of Deep Brain Stimulation. *Journal of Neurophysiology* (2015): jn-00275 PMID: 26269552

PUBLICATIONS

Kondylis ED*, Wozny TA*, Lipski WJ, Popescu A, DeStefino VJ, Esmacili B, Raghu VK, Bagic A, and Richardson RM. Detection of High-frequency Oscillations by Hybrid Depth Electrodes in Standard Clinical Intracranial EEG Recordings. *Frontiers in Neurology* 5 (2014) PMID: 25147541

Kondylis ED, Zenonos G, Richardson RM. High-Frequency Oscillations as Discreet Markers of Cognitive Processing. *Neurosurgery* 75.4 (2014): N14-N16 PMID: 25232786

Lahti, Steven

Lahti SJ, Xing M, Zhang D, Lee JJ, Magnetta MJ, Kim HS. KRAS Status as an Independent Prognostic Factor for Survival after Yttrium-90 Radioembolization Therapy for Unresectable Colorectal Cancer Liver Metastases. *Journal of Vascular and Interventional Radiology*. 2015 Aug;26(8):1102-11. PMID: 26210240

Xing M, **Lahti S**, Kokabi N, Schuster DM, Camacho JC, Kim HS. 90Y Radioembolization Lung Shunt Fraction in Primary and Metastatic Liver Cancer as a Biomarker for Survival. *Clinical Nuclear Medicine*. 2016 Jan;41(1):21-7. PMID: 26222534

Magnetta MJ, Ghodadra A, **Lahti SJ**, Xing M, Zhang D, Kim HS. Connecting Cancer Biology and Clinical Outcomes to Imaging in KRAS Mutant and Wild-Type Colorectal Cancer Liver Tumors Following Selective Internal Radiation Therapy with Yttrium-90. *Abdominal Radiology*. 42(2):451-459 2016 PMID: 27600383

Lamm, Vladimir

Lamm V, Hara H, Mammen A, Dhaliwal D, Cooper DK. Corneal Blindness and Xenotransplantation. *Xenotransplantation*. 2014;21(2):99-114 PMID: 25268248

Zhang Z, Bandari J, Bansal U, Shen B, Wang J, **Lamm V**, Roppolo JR, de Groat WC, Tai C. Sacral Neuromodulation of Nociceptive Bladder Overactivity in Cats. *NeuroUrol Urodyn*. 2016;10(2):231 PMID: 27571328

Kadow BT, Lyon, TD, Zhang Z, **Lamm V**, Shen B, Wang J, Roppolo JR, de Groat WC, Tai C. Sympathetic α -Adrenergic Mechanism in Pudendal Inhibition of Nociceptive and Non-Nociceptive Reflex Bladder Activity. *Am J Physiol Renal Physiol*. 2016;311(1):78-84 PMID: 27170683

Lyon TD, Ferroni MC, Kadow BT, Slater RC, Zhang Z, Chang V, **Lamm V**, Shen B, Wang J, Roppolo JR, de Groat WC, Tai C. Pudendal But Not Tibial Nerve Stimulation Inhibits Bladder Contractions Induced By Stimulation of Pontine Micturition Center in Cats. *Am J Physiol Regul Integr Comp Physiol*. 2016;310(4):366-374 PMID: 26676253

Fuller TW, Jiang X, Bansal U, **Lamm V**, Shen B, Wang J, Roppolo JR, de Groat WC, Tai C. Sex Difference of GABA-B Receptor in Tibial Neuromodulation of Bladder Overactivity in Cats. *Am J Physiol Regul Integr Comp Physiol*. 2016;401(2):394-397 PMID: 27974317

Theisen K, Fuller TW, Bansal U, Reese J, **Lamm V**, Chen M, Rusilko P. Safety and Surgical Outcomes of Same-day Anterior Urethroplasty. *Urology*. 2017;90(16):306-309 PMID: 28081879

Bandari J, Bansal U, Zhang Z, Shen B, Wang J, **Lamm V**, Chang V, Roppolo JR, de Groat WC, Tai C. Neurotransmitter Mechanisms Underlying Sacral Neuromodulation of Bladder Overactivity in Cats. *Neuromodulation*. 2017;20(1):81-87 PMID: 27730701

Lawrence, Jesse

Lawrence JD, Tuckek C, Cohen-Gadol AA, Sekula RF. Utility of Intensive Care Unit in Patients Undergoing Microvascular Decompression: A Multi-Institutional Analysis. *J Neurosurg*. 2016 Aug 12:1-7. PMID: 27518528

PUBLICATIONS

Murphy MC, Conner IP, Teng CY, **Lawrence JD**, Sufiullah Z, Wang B, Bilonick RA, Seong-Gi K, Wollstein G, Schuman JS, Chan KC. Retinal Structures and Visual Cortex Activity are Impaired Prior to Clinical Vision Loss in Glaucoma. *Sci Rep*. 2016 Aug 11;6:31464. PMID: 27510406

Sekula RF, Balzer JR, **Lawrence JD**, Liu PP: Surgery For Hemifacial Spasm. In *Monitoring the Nervous System for the Anesthesiologists and Other Health Care Professionals*, Chapter 36, Second Edition. Springer, Berlin 2016 <http://www.springer.com/us/book/9781461403074>

Lawrence JD, Frederickson AM, Chang Y, Weiss PM, Gerszten PC, Sekula RF. An Investigation Into Quality of Life Improvement in Patients Undergoing Microvascular Decompression for Hemifacial Spasm. *J Neurosurg* 2017. PMID: 28186450

Lin, Elizabeth

Leeper, C.M., **Lin, E.**, Hoffman, M., Fombona, A., Zhou, T., Kutcher, M., Rosengart, M., Watson, G., Billiar, T., Peitzman, A., Zuckerbraun, B., Sperry, J., Computed Tomography Abbreviated Assessment of Sarcopenia Following Trauma: The CAAST Measurement Predicts 6-month Mortality in Older Adult Trauma Patients. *Journal of Trauma and Acute Care Surgery*, 2016, Volume 80: 805-811. PMID: 26885997

Lindner, Samuel

Lindner SA, Pollack IF, Abdel-Hamid H, Zuccoli G. A Rare Cause of Reversible Ophthalmoplegia: tensionpneumocephalus With Brainstem Compression. *Neuroradiology*. 2015, Jul; 57(7): 761-762. PMID: 25773200

Martin, Petra

Martin PC, Zimmer TJ, Pan LA. Magnetic Resonance Imaging Markers of Suicide Attempt and Suicide Risk in Adolescents. *CNS Spectrums*. 2015; 20(4): 355-8 PMID: 25907463

Pan LA, **Martin P**, Zimmer T, Segreti AM, Kassiff S, McKain BW, Baca CA, Rengasamy M, Hyland K, Walano N, Steinfeld R, Hughes M, Dobrowolski SK, Pasquino M, Diler R, Perel J, Finegold DN, Peters DG, Naviaux RK, Brent DA, and Vockley G. Neurometabolic Disorders: Potentially Treatable Abnormalities in Patients With Treatment Refractory Depression and Suicidal Behavior. *American Journal of Psychiatry*. 2016: 1-9 PMID: 27523499

Matsumoto, Martha

Matsumoto M, Collins MK, Rapatis A, Jedrych J, Patton T. Multifocal Primary Cutaneous Nodular Amyloidosis. *Dermatology Online Journal*. Pub Status: in press for May 2017

McLaughlin, Michael

Edmunds, L.R., Sharma, L., Wang, H., Kang, A., d'Souza, S., Lu, J., **McLaughlin, M.**, Dolezal, J.M., Gao, X., Weintraub, S.T., Ding, Y., Zeng, X., Yates, N., Prochownik, E.V. c-Myc and AMPK Control Cellular Energy Levels by Cooperatively Regulating Mitochondrial Structure and Function. *PLOS One*. 2015, Jul; 10(7): e0134049 PMID: 26230505

Mike, Thomas

Mike, TB, Shaw, DS, Forbes, EE, Sitnick SL, Hasler, BP, The Hazards of Bad Sleep—Sleep Duration and Quality as Predictors of Adolescent Alcohol and Cannabis Use. *Drug and Alcohol Dependence*, 2016, Volume 168, Pages 335-339. PMID: 27659736

PUBLICATIONS

Miller, Matthew

Sivak WN, Bourne DA, **Miller MP**, Manders EK. Simplified Calvarial Reconstruction: Coverage of Bare Skull With GammaGraft Promotes Granulation and Facilitates Skin Grafting. *Journal of Craniofacial Surgery*. 2016; 27(7):1808-9 PMID: 27557466

Milne, Megan

Milne, M.E., Yazer, M.H., & Waters, J.H. Red Blood Cell Salvage During Obstetric Hemorrhage. *Obstetrics and Gynecology*. 2015, Apr; 125(4): 919-23. PMID: 25751212

Mori, Westley

Mori WS, Peters KV, Ferris LK, Patton TJ. Tattoo Artists' Approach to Melanocytic Nevi. *JAMA Dermatology*. 2017. Jan 18. doi: 10.1001/jamadermatol.2016.5243. PMID: 28114636

Houston, N.A., Secrest, A.M., Harris, R.J., **Mori, W.S.**, Eliason, M.J., Phillips, C.M., & Ferris, L.K. Patient Preferences During Skin Cancer Screening Examination. *JAMA Dermatology*. 2016. 152(9):1052-4 PMID: 27166873

Mori, W. S., N. Houston, J. F. Moreau, N. Prevost, R. P. Gehris, L. K. Ferris, T. J. Patton. Personal Burden of Isotretinoin Therapy and Willingness to Pay for Electronic Follow-up Visits. *JAMA Dermatology*. 2016. 152(3):338-340 PMID: 26720269

Nadimpalli, Sameera

Frieler, R.A., **Nadimpalli, S.**, Boland, L.K., Xie, A., Kooistra, L.J., Song, J., Chung, Y., Cho, K.W., Lumeng, C., Wang, M., Mortensen, R.M. Depletion of Macrophages in CD11b Diphtheria Toxin Mice Induces Brain Inflammation and Enhances Inflammatory Signaling During Traumatic Brain Injury. *Brain Res*. 2015 Oct 22; 1624:103-12 PMID: 26208897

Osnard, Michael

Osnard, M., Althouse, A.D., Krall, L., Newman, C., Grabowski, C., Speicher, F., Zomack, R., Lagazzi, L., Kormos, R., Shullo, M., & Teuteberg, J. Poor Blood Pressure Control Is Independently Associated with Renal Dysfunction After Heart Transplant The Journal of Heart and Lung Transplantation, Published in issue: April 2016 Vol. 35, Issue 4, S206–S207 [http://www.jhltonline.org/article/S1053-2498\(16\)00627-6/fulltext](http://www.jhltonline.org/article/S1053-2498(16)00627-6/fulltext)

Patel, Stuti

Mu X, **Patel S**, Mektepbayeva D, Mahjoub A, Huard J, Weiss K. Retinal Targets ALDH Positive Cancer Stem Cell and Alters the Phenotype of Highly Metastatic Osteosarcoma Cells. *Sarcoma*. December 2015. PMID: 26819566

Henrikson K, **Patel S**, Farrell D, Tarkin I. Validation Of The “Six Hour Rule” For The Severe Open Tibia Fractures. *The Pittsburgh Orthopaedic Journal*. 2015. In Press

Polsunas, Patrick

Polsunas PJ, Sowa G, Fritz JM, Gentili A, Morone NE, Raja SN, Rodriguez E, Schmader K, Scholten JD, Weiner DK. Deconstructing Chronic Low Back Pain in the Older Adult-Step by Step Evidence and Expert-Based Recommendations for Evaluation and Treatment: Part X: Sacroiliac Joint Syndrome, *Pain Medicine*, 2016, 17 (9), 1638-1647, PMID: 27605679, <https://doi.org/10.1093/pm/pnw151>

Prabhu, Arjun

Prabhu A, Parker LS, DeVita MA. Caring for Patients or Organs: New Therapies Raise New Dilemmas in the Emergency Department. *American Journal of Bioethics*. 2017 May. (in press)

PUBLICATIONS

Sevco, Tyler

Hillwig ML, Fuhrman HA, Ittiamornkul K, Sevco TJ, Kwak DH, Liu X. Identification and characterization of a welwitindolinone alkaloid biosynthetic gene cluster in the stigonematalean Cyanobacterium *Hapalosiphon welwitschii*. *Chembiochem*. 2014 Mar 21;15(5):665-9. PMID: 24677572

Shaikh, Humza

Kumar G1, Hara H, Long C, **Shaikh H**, Ayares D, Cooper DK, and Ezzelarab M. Adipose-derived Mesenchymal Stromal Cells from Genetically Modified Pigs: Immunogenicity and Immune Modulatory Properties. *Cytotherapy*. 2012;14(4):494-504 PMID: 22264190

Herbst E, Albers M, Kopka M, **Shaikh H**, Fu F. Biology of Graft Incorporation. *Asian Journal of Arthroscopy*. 2016; 1(1): 20-24 <https://asianarthroscopy.com/biology-of-graft-incorporation/>

Irrarazaval S, **Shaikh H**, Watson J, Fu F. Anterior Cruciate Ligament Augmentation. *Minerva Ortop Traumatol*. 2016; 67(3):137-149 <http://www.minervamedica.it/en/journals/minerva-ortopedica-traumatol/article.php?cod=R14Y2016N03A0137>

Dangle P, Ayyash O, **Shaikh H**, et al. Predicting Spontaneous Stone Passage in Prepubertal Children: A Single Institution Cohort. *J Endourology* 30(9):945-9 2016 PMID: 27404555

Kalawadia J, **Shaikh H**, Guenther D, Irrarazaval S, Fu F. Chapter 39: Anatomic Double-Bundle Reconstruction of the Anterior Cruciate Ligament. *The Anterior Cruciate Ligament: Reconstruction and Basic Science*, 2e. (IN PRESS)

Shin, Donghoon

Shin, D., Sinha, M., Kondziolka, D.S., Kirkwood, J.M., Rao, U.N., & Tarhini. A.A. Intermediate-grade Meningeal Melanocytoma Associated With Nevus of Ota: A Case Report and Review of Literature. *Melanoma Research*. 2015, Aug;25(4):273-278. Cited in PubMed; PMID: 25933209

Sincebaugh, James

Fitzpatrick ME, Nourai M, Gingo MR, Camp D, Kessinger CJ, **Sincebaugh JB**, Clarke A, Ries JW, Kleerup EC, Kingsley L, Morris A. Novel Relationships of Markers of Monocyte Activation and Endothelial Dysfunction With Pulmonary Dysfunction in HIV-infected Persons. *AIDS*. 2016, Jun;30(9): 1327-1339. PMID: 26990629

Slocum, Breonna

Kazmerski TM, Gmelin T, **Slocum B**, Borrero S, Miller E. (2016) Attitudes and Decision Making Related to Pregnancy Among Young Women with Cystic Fibrosis. *Matern Child Health J*. PMID: 27531009

Slocum, BN, & Sanfilippo, JS. (2016). Current Methods For The Management of Endometriosis in Adolescent Patients. *Expert Review of Endocrinology & Metabolism*
<http://www.tandfonline.com/doi/abs/10.1080/17446651.2016.1233056?needAccess=true&>

<http://www.tandfonline.com/doi/abs/10.1080/17446651.2016.1233056?needAccess=true&>

Smith, Emily

Talsma, A. D., Chaves, J. F., LaMonaca, A., **Wieczorek, E. D.**, & Palladino, M. J. (2014). Genome-wide Screen for Modifiers of Na⁺/K⁺ ATPase Alleles Identifies Critical Genetic Loci. *Molecular brain*, 7(1), 1. PMID: 25476251

Steele, Marshall

Steele M, He F, Germain A, & Campbell, J. Mediation and Moderation of the Relationship between Combat Experiences and Posttraumatic Stress Symptoms in U.S. Navy Sailors Deployed to Afghanistan. *Military Medicine*. 2016, Sep; Pub Status: in press.

PUBLICATIONS

Tay, Justin

Dearth CL, Slivka PF, Stewart SA, Keane TJ, **Tay JK**, Londono R, Goh Q, Pizza FX, Badylak SF. Inhibition Of COX1/2 Alters The Host Response and Reduces ECM Scaffold Mediated Constructive Tissue Remodeling in a Rodent Model of Skeletal Muscle Injury. *Acta Biomaterialia*, 2016, 30:50-60. PMID:26612417

Teoli, Dac

Teoli, D.A., Smith, M.D., Leys, M.J., Jain, P., & Odom, J.V. Visual Function Affects Prosocial Behaviors in Older Adults. *International Ophthalmology*. 2016, Feb; 36(1): 45- 54.; PMID: 25939988

Teoli, D.A., Zullig, K.J., & Hendryx, M.S. Maternal Fair/Poor Self-rated Health and Adverse Infant Birth Outcomes. *Health Care for Women International*. 2015, Jan; 36(1): 108-120.; PMID: 24245954

Zullig, K.J., **Teoli, D.A.**, & Valois, R.F. Emotional Self-efficacy and Alcohol and Tobacco Use in Adolescents. *Journal of Drug Education*. 2015, Feb; 44(1-2): 51-66. PMID: 25721321

Tisherman, Robert

Hartman RA, **Tisherman RT** (Co-First Authors), Wang D, Bell KM, Lee JY, Sowa GA, Kang JD. Mechanical Role of the Posterior Column Components in the Cervical Spine. *Eur Spine J*. 2016 Jun;25(7):2129-2138 PMID: 27052405

Tisherman RT, Salcido DM, Sunderman ML, and Menegazzi JJ. Automatic Chest Compression Systems that Incorporate Biological Feedback, Application No PCT/US2014/071544. US Patent Office, Pub Status: Published. September 2014

Toirac, Alexander

Toirac A, Giugale JM, Fowler JR. Open Versus Endoscopic Cubital Tunnel In Situ Decompression: A Systematic Review of Outcomes and Complications. *HAND, Official Journal of the American Association for Hand Surgery*. 2016, Aug; Pub Status: In-Press

Kling RE, Kling RR, Agi C, **Toirac A**, Manders E. A Closer Look at the 2013 to 2014 Integrated Plastic Surgery Match. Plastic and Reconstructive Surgery. *Journal of the American Society of Plastic Surgeons*. 2016, Mar; Volume 137, March(3): 624e–629e. PMID: 26910706.

Umfrey, Leah

Peffer ME1, Zhang JY, Umfrey L, Rudine AC, Monaghan AP, DeFranco DB Minireview: The Impact of Antenatal Therapeutic Synthetic Glucocorticoids on the Developing Fetal Brain. *Mol Endocrinol* (2015), 29(5): 658-666. doi: 10.1210/me.2015-1042 PMID: 25763611

Vasireddi, Anil

Vasireddi, A., Vazquez, A., Whitney, D., Fukuda M., Kim, S.G. Functional Connectivity of Resting Hemodynamic Signals in Submillimeter Orientation Columns of the Visual Cortex. *Brain Connectivity*, 2016, 8(6): 596-606 PMID: 27461173

Arfanakis K., Wilson R.S., Barth C.M., Capuano A.W., **Vasireddi A.**, Zhang S., Fleischman D.A., Bennett, D.A. Cognitive Activity, Cognitive Function, and Brain Diffusion in Old Age. *Brain Imaging and Behavior*, 2016, 10(2): 455-463 PMID: 25982658

Grisot, G., Fleischman, D., **Vasireddi, A.**, Barth, C., Barnes, L., Bennett, D., Arfanakis, K. Systemic Inflammation and Brain White Matter in Non-demented Elderly Human Subjects: A Diffusion Tensor Magnetic Resonance Imaging Investigation. *Alzheimer's and Dementia*, 2013, 9(4): 700-701

PUBLICATIONS

Wang, William

Wang WL, Kruse K, Fowler JR. A Survey of the Use of Ultrasound by Upper Extremity Surgeons. *Hand* (NY). 2017 Jan;12(1):31-38 PMID: 28082840

Pulikkottil BJ, Schub MS, Kadow TR, **Wang W**, Fowler JR. Correlating Median Nerve Crosssectional Area With Nerve Conduction Studies. *Journal of Hand Surgery* (American Volume). 2016 Oct;41(10):958-962 PMID: 27702467

Wang WL, Mares AV. Bilateral Epidural Hematoma with Parietal Skull Fracture in a Division I Collegiate Athlete: A Case Report. *Journal of Sport Rehabilitation*. 2016 Jul. PMID: 27632882

Wang WL, Darke M, Goitz RJ, Andrews CL, Fowler JR. A Comparison of Plain Radiographs and Computed Tomography for Determining Canal Diameter of the Distal Phalanx. *Journal of Hand Surgery* (American Volume). 2015 Jul;40(7):1404-1409.e1. PMID: 26026352

Swanson CJ, Ritt M, **Wang W**, Lang MJ, Narayan A, Tesmer JJ, Westfall M, Sivaramakrishnan S. Conserved Modular Domains Team up to Latch-open Active Protein Kinase Ca. *Journal of Biological Chemistry*. 2014 Jun 20;289(25):17812-29 PMID: 24790081

Ware, Benjamin

Naran S, Miller M, Shakir S, **Ware B**, Camison L, Ford M, Goldstein J, Losee J. Non-Syndromic Craniosynostosis and Associated Abnormal Speech and Language Development. *Plastic and Reconstructive Surgery*. In Press

Greives MR, **Ware BW**, Tian AG, Taylor JA, Pollack IF, Losee JE. Complications in posterior cranial vault distraction. *Annals of Plastic Surgery*. 2016 Feb;76(2):211-5. PMID: 25954848

Ware B, Kesinger M, Cardoso S, Galan J, Vazquez E, Delgado D, Jarrin D, Quizhpe M, Salamea J, Rodas E, Puyana J. Surgical Provider Perspectives in Implementing the World Health Organization's Surgical Safety Checklist in a Low- and Middle-Income Country. Abstract. *Annals of Global Health*. 2015 Jan-Feb; 81(1):214-215. <http://dx.doi.org/10.1016/j.aogh.2015.02.992>

Waterman, Lauren

Waterman L, Stahl ST, Buysse DJ, Lenze E2, Blumberger D, Mulsant B, Butters M, Gebara MA, Reynolds CF 3rd, Karp JF. Self-reported Obstructive Sleep Apnea is Associated With Nonresponse To Antidepressant Pharmacotherapy in Late-life Depression, Depression and Anxiety, 2016 Dec, 33(12): 1107-1113. PMID: 27636232

Weed, Jared

Meola A, Yeh FC, Fellows-Mayle W, **Weed J**, Fernandez-Miranda JC. Human Connectome-Based Tractographic Atlas of the Brainstem Connections and Surgical Approaches. *Neurosurgery*. 2016; 79(3):437-455. PMID: 26914259

Wu, Rebecca

Wu, RF; Zimmerman, RK; Lin, CJ, The Effect of Perceived Psychological Stress on the Immunogenicity of the Quadrivalent Human Papillomavirus Vaccine in Males, *Human Vaccines and Immunotherapeutics*, Volume 13 3 Issue 3. PMID: 27682819

Yih, Erika

Dicianno BE, Fairman AD, McCue M, Parmanto B, **Yih E**, McCoy A, Pramana G, Yu DX, McClelland J, Collins DM, Brienza DM. Feasibility of Using Mobile Health to Promote Self-Management in Spina Bifida. *Am J Phys Med Rehabil*. 2016 Jun;95(6):425-37. PMID 26488144

PUBLICATIONS

Fairman, AD, **Yih ET**, McCoy DF, Lopresti EF, McCue MP, Parmanto B, Dicianno BE. Iterative Design and Usability Testing of the iMHere System for Managing Chronic Conditions and Disability. *Int J Telerehabilitation*. 2016 Jul 1;8(1):11-20. PMID 27563387

You, Wai-Ying Wendy

Yau WY, Tudorascu DL, McDade EM, Ikonovic S, James JA, Minhas D, Mowrey M, Sheu LK, Snitz BE, Weissfeld L, Gianaros PJ, Aizenstein HJ, Price JC, Mathis CA, Lopez OL, Klunk WE (2015). Longitudinal Assessment of Neuroimaging and Clinical Markers in Autosomal Dominant Alzheimer's Disease: A Prospective Cohort Study. *The Lancet Neurology*. 14(8): 804-813 PMID: 26139022

Zachor, Hadas

Zachor H, Machekano R, Estrella MM, Veldkamp PJ, Zeier MD, Uthman OA, Taljaard JJ, Moosa MR, Nachega JB. Incidence of Stage 3 Chronic Kidney Disease and Progression on Tenofovir-Based Regimens. *AIDS*. 2016;30(8):1221-8. PMID: 26836786

Zamanian, Maryam

Gupta K, **Zamanian M**, Bae C, Milescu M, Krepkiy D, Tilley D, Sack J, Yarov-Yarovoy V, Kim JI and Swartz KJ. Tarantula Toxins Use Common Surfaces for Interacting With Kv and ASIC Ion Channels. *eLife* 2015 ;4 :e04346. PMID: 25948544

Zhou, James

Ezequiel Goldschmidt, M.D. Ph.D., Federico Angriman, M.D., Bruno Ferreyro, M.D., Nitin Agarwal, M.D., **James Zhou, B.S.**, Zachary J. Tempel, M.D., Peter C. Gerszten, M.D., M.P.H Adam S. Kanter, M.D., David O. Okonkwo, M.D., Ph.D., Peter Passias, M.D., Justin Scheer, B.S., Themistocles Protopsaltis, M.D., Virginie Lafage, Ph.D., Renaud Lafage, M.S., Frank Schwab, M.D., Shay Bess, M.D., Chris Ames, M.D., Justin S. Smith, M.D., Christopher Shaffrey, M.D., Douglas Burton, M.D., D. Kojo Hamilton. M.D. ISSG. Design and Testing of Two Novel Scores that Predict Global Sagittal Alignment Utilizing Cervical or Lumbar Plain Radiographs. *Neurosurgery* 2016 (in press)

Alan, N., Cohen, J., **Zhou, J.**, Pease, M., Kanter, A., Okonkwo, D.O., Hamilton, D.K. The 50 Most Cited Articles on Craniovertebral Junction Surgery. *Journal of Craniovertebral Junction and Spine* 2016 (PMID: 28250633)

Zhou JJ, Koltz MT, Agarwal N, Tempel ZJ, Kanter AS, Okonkwo DO, Hamilton DK. The 100 Most Influential Publications in Scoliosis Surgery. *Spine* 2017 (42(5):336-344) PMID: 28245207

Jonathan Cohen, B.A, Nima Alan, M.D., **James Zhou, B.S.**, D. Kojo Hamilton, M.D. The 100 Most Cited Articles in Metastatic Spine Disease. *Neurosurgical Focus* 2016; 41(2):E10 PMID: 27476834

Thirumala, P., **Zhou, J.**, Krishnan, R., Manem, N., Umredkar, S., Hamilton, D.K., Balzer, J., Oudega, M. Diagnostic Accuracy of Evoked Potentials for Functional Impairment After Contusive Spinal Cord Injury in Adult Rats. *Journal of Clinical Neuroscience* 2016; 25:122-126 PMID: 26677784

Zimmer, Thomas

Martin, P.D., **Zimmer, T.J.** & Pan, L.A. (2015). Magnetic Resonance Imaging Markers of Suicide Attempt and Suicide Risk in Adolescents. *CNS Spectrums*, 20(4), 355–358. <https://doi.org/10.1017/S1092852915000048>

Pan, L.A., Martin, P., **Zimmer T.**, Segreti, Am.M., Kassif S., McKain, B.W., Vockley, J. (2017). Neurometabolic Disorders: Potentially Treatable Abnormalities in Patients With Treatment-Refractory Depression and Suicidal Behavior. *The American Journal of Psychiatry*, 174(1), 42-50. <https://doi.org/10.1176/appi.ajp.2016.15111500>

MANUSCRIPTS SUBMITTED

Bansal, Utsav

Bansal U, Dangle P, Ost M, et al. Length of Follow-up Following Pediatric Pyeloplasty: A Single-center Experience. *Canadian J Urology*. Submitted

Bansal U, Jackson K, Bhama J, et al. Update on Temporary Mechanical Circulatory Support for Right Ventricular Failure. *J Thoracic & CV Surgery. Heart & Lung Transplantation*. Submitted

Bansal U, Jones C, Fuller W, et al. The Efficacy of Tadalafil Daily versus On Demand in the Treatment of Erectile Dysfunction: A Systematic Review and Meta-analysis. *J Urology*. Submitted

Dangle P*, **Bansal U***, Ost M, et al. Trends in Urological Indications for Pediatric Renal Transplantation Over a 27 Year Period - UNOS database. *Urology*. In Revision Process

Barton, David

Barton DJ and Doshi AA. A Descriptive Survey of Medical School Wilderness Medicine Interest Groups. Submitted to *Wilderness & Environmental Medicine*

Escajeda J, **Barton DJ**, Martin-Gill C. Prehospital Providers' Utilization of Free Open Access Medical Education Resources and Social Media. Submitted to *Prehospital Emergency Care*

Bui, John

Bui JK, Sobolewski MD, Spindler J, Musick A, Keele BF, Shao W, Wiegand A, Coffin JM, Kearney MF, Mellors JW, Ex Vivo Activation of CD4+ T-cells From Donors on Suppressive ART Can Lead to Sustained Production of Infectious HIV-1 From a Subset of Infected Cells. Submitted to *PLOS Pathogens*, 2017

Bullock, Andrew Griffin

Kenneth L. Urish MD, PhD, **Andrew G. Bullock** BS, Alex Kreger BS, Neel B. Shah MD, Kwonho Jeong PhD, James J. Irrgang PhD PT, Brian R. Hamlin MD, Brian Klatt MD, Scott Rothenberger PhD. A Multicenter Study of Débridement and Component Retention in Total Knee Arthroplasty Periprosthetic Joint Infection. *Clinical Orthopaedics and Related Research*. 2016, Aug. Submitted and returned with revisions by reviewers

Chai, Andrea

Outcome and Utilization Based on Methicillin-Resistant Staphylococcus Aureus Surveillance and Clinical Status. Submitted to *American Journal of Infection Control*

Corbin, Bethany

Corbin, B.D., Primack, B.A., Colditz, J.B., Switzer, G.E., Sidani, J.E., Klatt, P.M., Schaffer, T. The SMARxT Media Literacy Program: A Pilot Study to Improve Evidence-Based Prescribing among Medical Students. Submitted to *Journal of Medical Literacy Education*, 2017

Dasari, Mohini

Hill KA, **Dasari M**, Littleton EB, Hamad GG. How Can Surgeons Facilitate Resident Intra-Operative Decision-Making? Pub Status: Submitted to *American Journal of Surgery*. 2017 Feb

Dasari M, David SD, Miller E, Puyana JC, Roy N. Gender Differences In Outcomes After Trauma: A Two-Country Analysis. Pub Status: Submitted to *BMJ Global Health*. 2017 Feb

Demko, John

Unruh ML, Pankratz VS, **Demko JE**, Ray EC, Hughey RP, Kleyman TR. Trial of Amiloride in Type 2 Diabetes with Proteinuria. Submitted 2017 to *Kidney International Reports*

MANUSCRIPTS SUBMITTED

Dong, Zachary

Happ C, Conner IP, **Dong ZM**, Swogger J, Davis R, Link MC, Wells A, Schuman JS, Yates CC. A Novel Combination Therapy Reduces Subconjunctival Fibrosis and Prolongs Bleb Survival After Glaucoma Filtration Surgery in the Rabbit Model. Manuscript submitted for publication

Fombona, Anisleidy

Maganty A., **Fombona A.**, Bandari J., Lyon T.D., Kulich S., Gingrich J.R. Bigley J., Tarin T. Aggressive Surgical Management of Adenocarcinoma of the Rete Testes. *Case Reports in Urology*. 2016, Jul; Pub Status: Submitted

Godse, Neal

Davis KS, **Godse NR**, Khan NI, Hedberg ML, Kemp C, Bertrand C, Kulkarni S, Alvarado D, LaVallee T, Kim S, Grandis JR, Duvvuri U. HER3 Targeting Potentiates Growth Suppressive Effects of PI3K Inhibitors in Preclinical Models of Head and Neck Squamous Cell Carcinoma. Submitted to *Molecular Cancer Research*, 2016. *Co-first author; returned with revisions

Goyal, Akash

Suffoletto B, **Goyal A**, Puyana JC, Chung T. Can an App Help Identify Psychomotor Function Impairments During Drinking Occasions in the Real World? A Mixed Method Pilot Study. Submitted to *Subst Abus*, 2017 (in review)

Hapak, Sophie

Hapak, S.M. and Ghosh, S. Polarity Proteins in Axon Specification. Submitted to *Cellular and Molecular Life*, 2016 Sept. Publication status: provisionally accepted

Hedayati, Daniel

Broyles, LM, **Hedayati, DO**, Rodriguez, KL, Wieland, ME, Mitchell, MA, Conley, JW, Saba, SK, Gordon, AJ. Homeless Veterans' Perspectives on Participating in a Photo-elicitation Research Study. Submitted to *Journal of Healthcare for the Poor and Underserved*, 2017

Hong, Christopher

C Hong, K Alluri, N Shariff, F Khattak, E Adelstein, S Jain, S Saba. CHA₂DS₂-VAS_c Score Predicts Mortality in Defibrillator Recipients. Submitted to *The American Journal of Cardiology*, January 2017

Kaffenberger, Thomas

Huntley C, **Kaffenberger TM**, Doghramji K, Soose R, Boon M. Upper Airway Stimulation for Treatment of Obstructive Sleep Apnea; An Evaluation and Comparison of Outcomes at Two Academic Centers. *JCSM*. Submitted January 2017

Kaffenberger TM, Maxwell JH, Kim S. Prophylactic Central Neck Dissection in Patients With Lateral Chain Metastases from Well Differentiated Thyroid Cancer. Submitted to *Annals of Otolaryngology, Rhinology, and Laryngology*,. Submitted January, 2017

Govil N, **Kaffenberger TM**, Shaffer AD, Chi DH. Factors Influencing Hearing Outcomes in Pediatric Patients Undergoing Ossicular Chain Reconstruction. Submitted to *JAMA Otolaryngology- Head and Neck Surgery*. Submitted January, 2017

Kaplan, Daniel

Weinberg M, Mollon B, **Kaplan DJ**, Kwon Y, Strauss EJ, Zuckerman JD. The Characterization of Sleep Quality Before and After Total Shoulder Arthroplasty. Submitted to *Journal of Bone and Joint Surgery American*

Hamula M, Mahure SA, **Kaplan DJ**, Abdelshahed M, Mollon B, Zuckerman JD, Kwon YW, Rokito AS. Type II Slap Repair. Submitted to *Arthroscopy Techniques*

MANUSCRIPTS SUBMITTED

Kaplan DJ, Campbell K, Strauss EJ, Jazrawi LM, Chang G, Burke C. Clinical Utility of Routine Radial Fast Low-angle Shot (FLASH) at 3T in Patellofemoral Kinematic Assessment: A feasibility study. Submitted to *Radiology*

Kaplan DJ, Schempf T, McQuilkin J, Alaia MJ, Campbell K, Jazrawi LM, Strauss EJ. The Effect of Socioeconomic Status on Anterior Cruciate Ligament Reconstruction Outcomes. Submitted to *Arthroscopy: The Journal of Arthroscopic and Related Techniques*

Kaplan DJ, Schempf T, McQuilkin J, Alaia MJ, Campbell K, Jazrawi LM, Strauss EJ. The Effect of Procedure Time on Anterior Cruciate Ligament Reconstruction Outcomes. Submitted to *Arthroscopy: The Journal of Arthroscopic and Related Techniques*

Kaplan DJ, Fralinger DJ, Goodwin DS, Gyftopoulos S, Strauss EJ, Meislin RJ, Jazrawi LM. Submitted to *Reliability of Intraoperative Rotator Cuff Tear Characterization*. Journal of Shoulder and Elbow Surgery

Karnati, Tejas

Karnati T, Zhou J, Agarwal N, Tempel Z, Hamilton, K, Okonkwo, D. Stroke. The 100 Most Influential Publications Submitted to *Acute Ischemic Stroke*. 2016, Dec

Kho, Terry

Hoot, J.W., **Kho, T.**, Ho, J., Akilov, O.E. The Effect of Phototherapy on Progression to Tumors in Patients with Patch-Plaque Stage Mycosis Fungoides: A Retrospective Analysis. Submitted but undergoing revisions for re-submission to *Journal of Academy of Dermatology*

Kondylis, Efstathios

Wozny TA, Lipski WJ, Alhourani A, **Kondylis ED**, Antony A, Richardson RM. Low-Frequency Stimulation Transiently Suppresses Hippocampal Local Field Potentials in Idiopathic Non-human Primate Epilepsy. *Experimental Neurology* (accepted with revisions)

Lahti, Steven

Lahti SJ, Ludwig JM, Xing M, Sun L, Zeng D, Kim HS. In Vitro Biologic Efficacy of Sunitinib Drug-Eluting Beads on Human Colorectal and Hepatocellular Carcinoma - A Pilot Study. Submitted to *PLOS ONE*, under review

Lamm, Vladimir

Lamm V, Lim G, Ho J, Huen A. Submitted to *Journal of Clinical Gastroenterology*. Zinc Deficiency Dermatitis in Patient With Hepatitis and Gastric Bypass. 2017, Jan; Pub Status: Submitted

Lindner, Samuel

Zuccoli G, Madan S, Tadros S, **Lindner SA**, Panigraphy A. Currarino Triad and Multivisceral Anomalies: First Description of a New Association. Submitted to *Neurographics*. 2016

Loeb, Daniel

Loeb DA, Miller E, Ciaravino S, Yonas M. Implementing an Arts-Based Approach to Explore Youth Perspectives on Masculinity in the Context of Adolescent Violence Prevention. In Review

Manmohan, Rajan

Subramaniam, K. et. al. Predictors of Extubation in the Operating Room in Cardiac Surgery Patients. *Journal of Thoracic and Cardiovascular Surgery* (accepted with revisions)

Matsumoto, Martha

Matsumoto ME, Berry J, Yung H, Matsumoto M, Munin M. Clinical Experience with Phenol Neurolysis of the Musculocutaneous Nerve. *PM&R*. 2016, Sep; Pub Status: Submitted

MANUSCRIPTS SUBMITTED

Miller, Matthew

Miller M, Coon D, Rubin JP. Ten Year Weight Loss Maintenance in Patients Who Underwent Gastric Bypass Surgery Followed by Body Contouring Surgery. Submitted to *Plastic & Reconstructive Surgery*. 2017. Submitted

Miller M, Pet M, Schmitt W, Colohan S. Fascia Only Anterolateral Thigh Flap for Coverage of a Dorsal Foot Defect After Sarcoma Excision. Submitted to *Eplasty*. 2017. Submitted

Ni, Jennifer

Ni, J., Gong, H., Klein, O., & Shieh, J.T.. Under-Recognition and Characteristics of Velocardiofacial Syndrome in Newborns

Patel, Stuti

Mandell J, **Patel S**, Fourman M, Tebbets J, Mahjoub A, Hirsch D, Weiss K. Metastatic and Non-Metastatic Patient-Derived Sarcoma Cell Populations Reveal Differences in ALDH and Notch Signaling. Submitted to *Clinical Orthopaedics and Related Research*, January 2017

Pham, Steven

Pham SV, Porta G, Iyengar S, Melhem N, Brent DA. Long-term Sequelae of Parental Sudden Death: A 6.4 Year Follow-up. Submitted to *JAMA Peds*

Pham SV, Dietz L, Porta G, Melhem N, Brent DA. Blood Pressure Recovery to Social Stress in Parentally Bereaved and Nonbereaved Youths. Submitted to *Psychosom Med*

Prabhu, Arjun

Pacella ML, **Prabhu A**, Morley J, Huang S, Suffoletto B. Post-Concussive Symptoms Over the First 14 Days After Mild Traumatic Brain Injury: An Experience Sampling Study. *Journal of Head Trauma Rehabilitation*. 2017. Pub Status: Submitted

Schenk, William

Schenk, WC, Bui, T. Sri Lanka's Post-Tsunami Health System Recovery: A Qualitative Analysis of Physician Perspectives. *Health Policy and Planning*

Shaikh, Humza

Shaikh H, Herbst E, Albers M, Rahnama-Azar A, Naendrup JH, Irrgang J, Musahl V, Fu F. The Second Fracture is an Avulsion of the Anterolateral Complex. Submitted for Publication to *AJSM*

Sabzevari S, Rahnama-Azar A, **Shaikh H**, Irrgang J, Fu F. The Effect of Bone Morphology on the Amount of Tunnel Widening After ACL Reconstruction. Submitted for Publication to *KSSTA*

Shaikh H, Rahnama-Azar A, Fu F. ACL Augmentation for One-Bundle Tears. Operative Techniques in Orthopaedics. Submitted for Publication

Sabzevari S, Rahnama-Azar A, **Shaikh H**, Arner J, Irrgang J, Fu F. Increased Lateral Tibial Posterior Slope is Related to Tibial Tunnel Widening after Primary ACL Reconstruction. Submitted for Publication

Shaikh H, Albers M, Zhu W, Fu F. The ACL Augmentation Technique. Techniques in ACL Surgery. Submitted for Publication

MANUSCRIPTS SUBMITTED

Shin, Donghoon

Yannes, M., Close, O.N., **Shin, D.**, Crowley, J., & Yilmaz, Sabri. Analysis of Differences in Placement Technique and Device Characteristics Which Influence Tunneled Central Venous Catheter Failure: Report from a Single Tertiary Care Pediatric Center. Submitted to *Journal of Vascular and Interventional Radiology*. 2016

Sincebaugh, James

Sincebaugh JB, Fitzpatrick ME, Kessinger CJ, Clarke A, Ries JW, Weinman R, Deborah McMahon, Matthew R. Gingo, Alison Morris. Relationship of Bacterial Translocation Markers to COPD in HIV-infected Individuals. Submitted to *JAIDS*

Siyakurima, Edgar

Surgical Treatment of Carpal Tunnel Syndrome (CTS) Has More Societal and Economic Value Than Conservative Treatment. Submitted to *American Society for Surgery of the Hand*

Taft, Maia

Dezfulian, C., **Taft, M.**, Corey, C., Hill, G., Krehel, N., Rittenberger, J. C., Guyette, F. X., & Shiva, S. Biochemical Signaling by Remote Ischemic Conditioning of the Arm Versus Thigh: Is One Raise of the Cuff Enough? Scientific Reports. 2016, Dec; Pub Status: Submitted

Thadikonda, Kishan

Thadikonda KM, Stapleton AS (2016). Outcomes of Adenoidectomy Alone in Patients Less Than 3 Years of Age and Predictors of Additional Intervention. *Otolaryngology-Head and Neck Surgery*: (Manuscript submitted for publication)

Thadikonda KM, Egro FM, Ma I, Spiess AM (2016). Deltoid Compartment Syndrome: A Rare Complication Following Humeral Intraosseous Access. *Plastic and Reconstructive Surgery - Global Open*: (Manuscript submitted for publication)

To, Lillian

Shazly TA, **To LK**, Conner IP, Espandar L. Intraoperative Optical Coherence Tomography-Assisted Descemet's Stripping Automated Endothelial Keratoplasty for Anterior Chamber Fibrous Ingrowth. *MEAJO*. In submission

Espandar L, **To LK**, Hooton J. Intraoperative Wound Damage During Clear Corneal Incision Formation with the Femtosecond Laser. *MEAJO*. In submission

Urrechaga, Eva

Urrechaga, EM, Zuckerbraun, BS. Fulminant Clostridium Dificile Colitis. Submitted to *Clinical Scenarios in Surgery, 2nd Edition*, Wulters-Kluwer

Wang, William

Sela Y, Seftchick J, **Wang WL**, Baratz ME. The Diagnostic Clinical Value of Thumb Metacarpal Grind, Shear, Flexion, and Extension Tests for Trapeziometacarpal Osteoarthritis. Submitted to *Journal of Hand Surgery* (European Volume)

Weed, Jared

Friend L, **Weed J**, Sandoval P, Edwards JE. CB1-Dependent LTD in Ventral Tegmental Area GABA Neurons: A Novel Target for Marijuana. *The Journal of Neuroscience*. Submitted for initial review 20 January 2017

MANUSCRIPTS SUBMITTED

Wu, Bryan

Sridharan, N., Chaer, R., **Wu, B.**, Eslami, M., Makaroun, M., & Avgerinos, E. (2017). An Accumulated Deficits Model Predicts Perioperative and Long-term Adverse Events After Carotid Endarterectomy. Submitted to *Annals of Vascular Surgery*

Yen, Kevin

The Etiology of Type I Diabetes Mellitus: Antigen Spreading and TCR V β bias. Submitted to *Pediatric Diabetes, The Official Journal of ISPAD* (International Society for Pediatric and Adolescent Diabetes)

Zhou, James

Zhou, J., Agarwal, N., Hamilton, D.K., Koltz, M. The 100 Most Influential Publications Pertaining to Intracranial Aneurysms and Aneurysmal Subarachnoid Hemorrhage. Submitted to *Journal of Clinical Neuroscience* (submitted)

Ezequiel Goldschmidt, MD PhD, Federico Angriman, M.D, MPH, Nitin Agarwal, MD, Marcos Trevisan PhD, **James Zhou, B.S.**, Katherine Chen, B.S, Peter C. Gerszten, MD, MPH, Adam S. Kanter, MD, David O. Okonkwo, MD, PhD, Peter Passias, MD, Justin Scheer, MD, Themistocles Protopsaltis, MD, Virginie Lafage, PhD., Renaud Lafage, MS., Frank Schwab, MD, Shay Bess, MD, Christopher Ames, MD, Justin S. Smith, MD, Christopher I. Shaffrey, MD, Emily Miller, Amit Jain, MD, Brian Neuman, MD, Daniel M. Sciubba, MD, Douglas Burton, MD. Kojo Hamilton, MD. A New Piece of the Puzzle to Understand Cervical Sagittal Alignment: Utilizing a Novel Angle δ to Describe the Relationship among T1 Vertebral Body Slope, Cervical Lordosis, and Cervical Sagittal Alignment. *Neurosurgery* (submitted)

Ezequiel Goldschmidt, MD. PhD., Federico Angriman, MD., MPH., Nitin Agarwal, MD., **James Zhou, B.S.**, Katherine Chen BS., Zachary J. Tempel, MD, Peter C. Gerszten, MD, MPH., Adam S. Kanter, MD, David O. Okonkwo, MD, PhD., Peter Passias, MD, Justin Scheer, MD, Themistocles Protopsaltis, MD, Virginie Lafage, PhD., Renaud Lafage, MS, Frank Schwab, MD, Shay Bess, MD, Chris Ames, MD, Justin S. Smith, MD, Douglas Burton, MD, D. Kojo Hamilton, MD. A Novel Tool for Deformity Surgery Planning: Determining the Magnitude of Lordotic Correction Required to Achieve a Desired Sagittal Vertical Axis. *Journal of Neurosurgery: Spine* (submitted)

Parthasarathy Thirumala, M.D., **James Zhou, B.S.**, Piruthiviraj Natarajan, M.D., Jeffrey Balzer Ph.D., Edward Dixon Ph.D, David Okonkwo M.D. Ph.D, D. Kojo Hamilton M.D. Perioperative Neurologic Complications During Spinal Fusion Surgery: Incidence and Trends. *The Spine Journal* (submitted)

James Zhou, B.S., Nitin Agarwal, M.D., Gurpreet S. Gandhoke, M.D., Mike T Koltz M.D., Adam Kanter M.D., David Okonkwo M.D. Ph.D., D. Kojo Hamilton, M.D. Long-term Clinical Outcomes Following Surgical Management of Cervical Spine Fractures in Elderly Patients. *Journal of Neurosurgery: Spine* (submitted)

NATIONAL AND STATE AWARDS

Bruehlman, Alyssa

Student Achievement Award, Environment Section, American Public Health Association 2016 Annual Meeting & Expo. Poster for Healthy Homes Incentive Program: Health Impact Assessment

Bui, John

2015 Young Investigator Scholarship to the conference on HIV Persistence during Therapy Workshop, Miami, FL
2014-2016 Howard Hughes Medical Institute Medical Research Fellows Program

Byrd, Catherine

2016 SCCM In-Training Award

Corbin, Bethany

2015 Meritorious Student winner – Abstract award for the Society of Behavioral Medicine Conference

Dasari, Mohini

2016 Association for Academic Surgery Student Travel Award
2015 American Association for the Surgery of Trauma Medical Student Scholarship

Demko, John

NIH T35 Training Grant

Doerfler, William Reed

NHLBI T35 Summer Student Research in Hematology (Grant 2T35 HL074708)

Dong, Zachary

2016 Retina Research Foundation/Joseph M, and Eula C. Lawrence Travel Grant
2015-2016 T32 Research Training Grant in Geriatrics and Gerontology, NIH

Doyal, Mark

2012-2014 Grant, Mechanisms and Clinical Presentation of Pain T32
2011-2012 Grant, Immunology of Infectious Disease T32

Dubique, Jordan

Summer Genetics Scholars Program- Research Fellowship funded by the American College of Medical Genetics

Hapak, Sophie

2014 Part of the T32 MH01684, Training for Transformative Discovery in Psychiatry

Hazen, Benjamin

NIH T-32 Institutional National Research Service Award

He, Siping

NIH T35 Hematology/Oncology Training Grant

Heffner, Danielle

Second place for poster presented at IXth Annual Meeting of the Pennsylvania Neurological Society

NATIONAL AND STATE AWARDS

Hodzic, Zerina

2016 International Cytokine and Interferon Society Travel Award Recipient
2016 Triological Society Travel Award Recipient
2016 Travel Award Recipient by the Eastern Society for Pediatric Research
2014 NIH-Sponsored T35 Training Grant (DK065521)

Kola, Sushma

2014-2017 Alpha Omega Alpha Student Research Fellowship: \$6,000 awarded to 50 medical students nationally, only 1 fellowship awarded/school
2013 Erickson Foundation Award, American Public Health Association

Lawrence, Jesse

2014 Murray and Jeanie Johnstone Travel Grant for Association for Research in Vision and Ophthalmology Annual Meeting

Levine, Anne

2015 Young Investigator scholarship travel grant – Advances in Inflammatory Bowel Diseases: Crohn's and Colitis Foundation's Clinical and Research Conference
2014 Mentored Summer Research Program Scholar – North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition Foundation

Marcott, Matthew

2015 Infectious Diseases Society of America – Medical Scholar. Epidemiology and Outcomes of Intra-Abdominal Candidiasis

Ohlsen, Timothy

2015 Merit Award honorarium for poster presentation, 29th Annual Associated Professional Sleep Societies SLEEP Research Meeting, Seattle, WA
2014 NIH T35 Student Research Training in Complementary and Integrative Medicine Grant 5T35AT005933-02

Polsunas, Lilinete

2013-2015 Medical Scientist Training Program, NIH funded position

Polsunas, Patrick

National Center for Complementary & Alternative Medicine NIH T35 Award for a summer-long research fellowship with courses on the current state of Complementary and Alternative Medicine

Sevco, Tyler

Digestive Disease Week 2015 Young Investigator Award

Shaikh, Humza

11th Biennial ISAKOS Congress 2017 – Jan Gillquist Scientific Award Finalist for *Herbst E, Albers M, Burnham J, Shaikh H, Imhoff A, Fu F, Musahl V. The Anatomy of the Anterolateral Complex of the Knee.*

Slocum, Breonna

Pittsburgh Albert Schweitzer Fellowship

Steele, Marshall

2015 Sleep Research Society Honorable Merit Award

Suh, Philip

NIH T-35 Training Grant funded by the National Institute of Diabetes, Digestive, and Renal Diseases

NATIONAL AND STATE AWARDS

To, Lillian

2014 NIH T35 Grant: 3D Bioreactor Culture of Human Adipose-Derived Stem Cells as a Drug Screening

Urrechaga, Eva

2017 Abstract Award Winner, National Consortium of Breast Centers 27th Annual Interdisciplinary Breast Center Conference

Wang, William

2016 ASSH Annual Meeting Scholarship

Waterman, Lauren

2014 NIH-funded T35 ICAM Grant

Yih, Erika

NIH T-35 research training grant in integrative, complementary, and alternative medicine

Yau, Wai-Ying Wendy

2014 Howard Hughes Medical Institute (HHMI) Medical Research Fellowship

Zachor, Hadas

2016 Best Translational Abstract; North American Forum on Family Planning

2013 NIH T35 Training Grant, Division of Renal-Electrolyte, University of Pittsburgh School of Medicine

LOCAL AWARDS

Bansal, Utsav

Dean's Summer Research Award
Clinical Scientist Training Program (CSTP) grant

Bone, Megan

Dean's Summer Research Program funding
UPSOM SP Committee Travel Award

Bruehlman, Alyssa

2016 Student Executive Committee Travel Grant
2016 Scholarly Project Travel Grant
2014 Dean's Summer Research Award

Bruno, Michael

Dean's Summer Research Award

Bui, John

2016 University of Pittsburgh School of Medicine, 14th Annual Research Day, Department of Medicine, awarded the Graduate Student Translational Research Award

Corbin, Bethany

2014 Dean's Summer Research Scholarship

Doerfler, William Reed

University of Pittsburgh School of Medicine SRP travel grant

Dong, Zachary

2015-present Clinical Scientist Training Program (CSTP)
2013 Merit Award for Abstract—University of Pittsburgh School of Medicine
2014 Research Grant – Graduate and Professional Student Government, University of Pittsburgh
2014 Travel Grant – SEC, University of Pittsburgh School of Medicine
2013-2014 FAST—Faculty and Students Together, MSII advisor, University of Pittsburgh School of Medicine
2013 Dean's Summer Research Program Academic Grant, University of Pittsburgh School of Medicine
2008 SPARC Academic Grant for Student Research, Regis University
2008 Dean's List, Regis University and University of Colorado at Denver
2006 □□□□ Honor Society, Regis University
2006 Speed Climbing Achievement: nine 14,000ft+ peaks in 24-hours, Colorado Rocky Mountains
2005 Summit Climb Award: Mt. Rainier, 14,410 feet – Paradise, Washington

Geskin, Albert

NIH T35 (5T35DK065521-10) Grant Project Period: 6/2/14-7/31/14 Project Award: \$3,762

Gonzalez, Daniel

Dean's Summer Research Scholarship

Goyal, Akash

2016 University of Pittsburgh Scholarly Project Travel Award
2015 University of Pittsburgh Department of Medicine Research Day: 1st place translational science research poster
2014 University of Pittsburgh School of Medicine Medical Alumni Association Research Travel Grant
2014 University of Pittsburgh School of Medicine Dean's Summer Research Grant

Gupta, Ragini

LOCAL AWARDS

Dean's Summer Research Program

Hankins, Margaret

2014 Dean's Summer Research Project Merit Award

Hazen, Benjamin

David C. Martin Award- Pennsylvania Geriatrics Society

Hedayati, Daniel

2014 Dean's Summer Research Scholarship

Heffner, Danielle

2014 Dean's Summer Research Program

Hodzic, Zerina

2016 Scholarly Project Travel Award Recipient

2014 UPSOM Dean's Summer Research Program Certificate of Merit

Hong, Christopher

2016 Poster presentation at UPMC Department of Medicine Research Day

Jonnalagadda, Amruth

Outstanding Achievement, DSRP Certificate of merit

Dean's Summer Research Program, University of Pittsburgh Medical School

Kaffenberger, Thomas

2014 Dean's Summer Research Certificate of Merit

2014 Dean's Summer Research Grant Recipient

Kho, Terry

2014 Distinction for Outstanding Achievement in Dean's Summer Research Project

2014 Klionsky Summer Research Fellowship in Pathology

Kola, Sushma

2016 Graduate & Professional Student Government Grant: \$750

2015 Student Executive Council Grant: \$750

2014 Dean's Summer Research Program Grant: \$3,000

Kondylis, Efstathios

2015 - 2016 Pittsburgh Foundation One Year Medical Student Research Fellowship

2014 – present University of Pittsburgh Physician Scientist Training Program

Kwon, Matthew

2014 Dean's Summer Research

Lahti, Steven

NIH T35 summer program with Dr. Kleyman

Lawrence, Jesse

2013 Dean's Summer Research Project Certificate of Merit

LOCAL AWARDS

Lin, Elizabeth

Dean's Summer Research

Global Health Travel Scholarship

Lindner, Samuel

Dean's Summer Research Award

GPSG Travel Grant

Loeb, Daniel

2014 Dean's Summer Research Grant

Maduka, Sobie

2016 SRP Travel Award

2014 Dean's Summer Research Award

Marcott, Matthew

2014 Dean's Summer Research Scholar, 2014. Elucidating the Role of the Inflammasome in the Pathogenesis of Human Melioidosis Using the Human Macrophage Cell Line U937

Matsumoto, Martha

Western Pennsylvania Geriatric Society David C Martin Award – Travel Award

Mike, Thomas

2014 NIH T32 Trainee in Sleep Medicine

Milne, Megan

Deans Summer Research Project Abstract Merit Award

Mirzakazemi, Tahereh

2014 Dean's Summer Research Program Scholarship

Mori, Westley

2015-2016 Career Education and Enhancement for Health Care Research Diversity Scholarship, Pitt Med

Nadimpalli, Sameera

University of Pittsburgh Graduate and Professional Student Government Travel Grant

Ohlsen, Timothy

2014 Certificate of Merit for Dean's Summer Research Program Poster Session, UPSOM

Pham, Steven

2013 IMPACT Grant Summer Research

CSTP Research Grant

Seely, J Matthew

DSRP Certificate of Merit

Sevco, Tyler

University of Pittsburgh Graduate and Professional Student Government Travel Grant

LOCAL AWARDS

University of Pittsburgh School of Medicine Scholarly Project Travel Grant

Sincebaugh, James

The Arthur Mirsky Award for Outstanding Clinical Research, Dean's Summer Research Program

Slocum, Breonna

African Heritage Room Scholarship, to support students conducting research in countries in Africa

Gateway Medical Society Scholarship, to support high achieving students of the University of Pittsburgh chapter of the Student National Medical Association

2013 Dr. Charles Hefflin Scholar, in recognition of first year students who have a demonstrated record of academic achievement and community service

Smith, Emily

Wieczorek E.D., Amole M.C., Swartz H.A.. (June, 2015). Role of Maternal Childhood Trauma in Quality of Interactions Between Depressed Mothers and Their Children Poster presented at: University of Pittsburgh Psychiatry Research Day; Pittsburgh, PA

Steele, Marshall

2014 NHLBI T32 Translational Research Training in Sleep Medicine Grant

Taft, Maia

2014 Dean's Summer Research Grant

Tay, Justin

Dean's Summer Research Fellowship

Teoli, Dac

2014 Foundation for Anesthesia Education and Research (\$3,200 USD)

Tisherman, Robert

2014 & 2015 Albert B. Ferguson Grant, Orthopaedic Fund, Pittsburgh Foundation

To, Lillian

2014 Dean's Summer Research Program Merit Award, Summer

Umfrey, Leah

2014 Dean's Summer Research Basic Science Award

Urrechaga, Eva

2016 Dean's Summer Research Travel Grant, Factors Affecting Acceptance of Day Care Center-based Mass Drug Administration for Preschool-Age Children in the Philippines

2014 Dean's Summer Research Project, Factors Affecting Acceptance of Day Care Center-based Mass Drug Administration for Preschool-Age Children in the Philippines

Ware, Benjamin

2015 GPSG Travel Grant

2014 Global Studies Center Newman Award for International Initiatives

2014 Medical Alumni Association Research Travel Grant

2014 University of Pittsburgh School of Medicine Dean's Summer Research Program

LOCAL AWARDS

Waterman, Lauren

2014 Certificate of Merit at Dean's Summer Research Symposium

Weed, Jared

2014 Dean's Summer Research Program Stipend (\$3,000), University of Pittsburgh School of Medicine

Yen, Kevin

2014 DSRP – Outstanding Achievement in Summer Research

Yih, Erika

2015 Rehabilitation Institute Research Day Best Rehabilitation Research in the Medical Student category

York, Zachary

2014 Dean's Summer Research Program (DSRP) Merit Award

Zachor, Hadas

2013 Global Health Travel Scholarship, Center for Global Health, University of Pittsburgh School of Medicine

Zhang, Jessie

2013 Western Psychiatric Institute and Clinic (WPIC) Innovative Methods in Pathogenesis and Child Treatment (IMPACT) Program Pre-Doctoral Fellow

Zhou, James

2015 Walter L. Copeland Fund Grant, University of Pittsburgh Department of Neurosurgery. \$6,000 research

2014 1st Place Poster, Pennsylvania Neurological Society

2014 Recognition for Outstanding Achievement in Summer Research, University of Pittsburgh School of Medicine

2014 Walter L. Copeland Fund Grant, University of Pittsburgh Department of Neurosurgery. \$6,000 research grant

2014 Deans Summer Research Scholarship, University of Pittsburgh School of Medicine. \$3,000 research grant

Zhou, Tianhua

2013 Dean's Summer Research

Zimmer, Thomas

2014 Pittsburgh Innovation Challenge, poster competition. \$25,000 grant. Title: Psychometabolomics

2014 IMPACT research fellowship, NIMH T32 supported

2017 Scholarly Project Administration

Scholarly Project Deans:

Donald Defranco, PhD
Associate Dean for Medical Student Research
Department of Pharmacology & Bio Chemistry

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

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

Brad Dicianno, MD
Assistant Dean for Medical Student Research
Department of Physical Medicine & Rehabilitation

John Fowler, MD
Assistant Dean for Medical Student Research
Department of Orthopedic Surgery

Janel Hanmer, MD, PhD
Assistant Dean for Medical Student Research
Department of Medicine

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

Scholarly Project Administration:

Suzann Beardsley
Medical Student Research Administrator

Pamela Harlow
Medical Student Research Coordinator