

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| YRP PI last name | YRP PI first name | Student LN | Student FN | YRP Project | YRP program | YRP year |
|------------------|-------------------|------------|------------|---|-------------|----------|
| Abendschein | Dana | Karlow | Nicholas | MPHS | MPHS | 2016 |
| Akinwande | Olaguoke | Mokkarala | Mahati | Improvement of Transarterial Chemoembolization (TACE) Effectiveness via Nanoparticles and Selective CXCR4 Modulation | MD5 | 2018 |
| Anadkat | Milan | Denny | George | Genetics, epidemiology, and clinical characteristics of hidradenitis supprativa | MSCI | 2014 |
| Arbelez; Hershey | Ana Maria; Tamara | Siller | Alejandro | Assessment of brain structure and cognition in youth with newly diagnosed T1DM | MSCI | 2014 |
| Barnoya | Joaquin | Godbold | Tracy | The Relationship between Zip Code Demographics and Child-Oriented Food and Beverage Marketing at the Point of Sale in St. Louis City Grocery Stores | MD5 | 2015 |
| Bateman | Randall | Ramsey | Kara | Alzheimer's Disease | MD5 | 2014 |
| Bayer | Angela | George | Paul | Analyzing the epidemiology of HIV in SMS in Lima, Peru | MD5 | 2014 |
| Benzinger | Tammie | Mishra | Shruti | Quantitative Assessment of <i>in vivo</i> Tau Pathology in Preclinical Alzheimer's Disease and Early Dementia | MD5 | 2015 |
| Calfee | Ryan | Boone | Sean | Proprioception and postural stability as a risk factor for low-impact distal radius fractures | MD5 | 2014 |
| Carson | Kenneth | Xiao | Daphne | Effects of chemotherapy on body mass composition in diffuse large B cell lymphoma survivors | MSCI | 2015 |
| Chen | Li-Shiun | Chiu | Ami | Psychiatry | MD5 | 2018 |
| Cloninger | C Robert | Veligati | Sirish | MPHS | MPHS | 2017 |
| Colditz | Graham | McGilvray | Martha | Saturday neighborhood health clinic: patient demographics, health literacy, and outcomes | MD5 | 2014 |
| Colditz | Graham | Madubata | Chinwe | Differences in DCIS treatment regimens and disparities in outcomes by race and ethnicity | MSCI | 2015 |
| Colditz | Graham | Kronen | Alyssa | MPHS | MPHS | 2016 |
| Constantino | John | Page | Josh | MD5 | MD5 | 2017 |
| Cornelius | Lynn | Rosenberg | Abby | MPHS | MPHS | 2017 |

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| | | | | | | |
|---------------|---------|-----------------|----------------|--|-------------------------------|------|
| Dosenbach | Nico | Miller | Derek | Neurology | MAMD | 2018 |
| Dunn | Gavin | Liu | Connor | Characterization of molecular rules governing immunogenicity in MHC class I and II restricted | MAMD | 2017 |
| Dunn | Gavin | Liu | Connor | Characterization of molecular rules governing immunogenicity in MHC class I and II restricted neoantigens | MAMD2 | 2018 |
| Fehniger | Todd | Wagner | Julia | CIML NK cells for adoptive immunotherapy of AML | MAMD | 2015 |
| Fehniger | Todd | Gang | Margery | Chimeric antigen receptor (CAR)-modified cytokine-induced memory-like (CIML) natural killer cells in acute myeloid leukemia | MAMD | 2018 |
| Franklin | Sarah | Ma | Yuntong | Sociology of assisted reproductive technologies (ARTs) | LOA; Mphil | 2015 |
| Gambhir | Sanjiv | Ge | Tianjia Jessie | Toward real-time detection of circulating biomarkers: antibody-gold nanoparticle probes for in vivo homogeneous immunoassays | LOA | 2015 |
| Gay | Hiram | Altenhofen | Brannon | The role if incidental radiation therapy on brain metastases | MD5 | 2014 |
| Glowinski | Anne | Silver | Shawgi | Resiliency in child/adolescent underserved and minority populations | MPHS | 2015 |
| Gordon | Mae | Margolis | Matthew | Reducing Adenoviral Patient-Infected Days | MD5 | 2017 |
| Gordon | Mae | Alvi | Fatima | Reducing Adenoviral Patient-Infected Days (RAPID) | MD5 | 2018 |
| Griffith | Malachi | Feng | Yan-Yang | Advanced bioinformatics tool development for precision cancer medicine | MD5 | 2017 |
| Hosseini pour | Mina | Wesevich | Austin | HIV in pregnancy treatment and management complications in Malawi | LOA; Doris Duke International | 2015 |
| Itoh | Akinobu | Baltazar Garcia | Moises | Investigate the outcome and efficacy of ECLS treatment for CS patients | MD5 | 2016 |

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| | | | | | | |
|-----------------|----------------|-----------------|-----------------|---|------|------|
| James | Aimee | Hao | Jessica | MPHS | MPHS | 2017 |
| Kelly | Michael | Riley | Max | Time Driven Activity-Based Costing in Adolescent Idiopathic Scoliosis | MD5 | 2016 |
| Kim | Brian | Xu | Amy | Immune regulation of atopic itch | MAMD | 2015 |
| Kim | Albert | Paturu | Mounica | Investigating the Functional Roles of Subclonal Mutations in Glioblastoma Stem-like Cells | MD5 | 2018 |
| Kim; Rubin | Albert; Josh | Taiwo | Rukayat | MAMD | MAMD | 2016 |
| Kim; Rubin | Albert; Josh | Taiwo | Rukayat | Neurosurgery; Pediatrics | MAMD | 2017 |
| Ley; Chen | Timothy; David | Ferguson | Ian | The roles of the de novo DNA methyltransferases Dnmt3a and Dnmt3b in skin development and | MAMD | 2017 |
| Lieu | Judith | Lindburg | Miranda | Creating the Preschool HEAR-QL: A Quality of Life Questionnaire for Preschool Children with Hearing Loss | MD5 | 2016 |
| Limbrick | Dave | CreveCoeur | Travis | Determining the host immune response in Post Infectious Hydrocephalus and defining the CSF Microbiome | MD5 | 2017 |
| LOA | LOA | Baltazar Garcia | Moises | LOA | LOA | 2015 |
| LOA | LOA | Boone | Sean | NYU | LOA | 2016 |
| LOA | LOA | Gupte | Gaurang | NA | LOA | 2018 |
| LOA | LOA | Knight | Brent | LOA | LOA | 2015 |
| LOA | LOA | Yuen | Sonia | Boston | LOA | 2015 |
| LOA | LOA | Yuen | Sonia | Boston | LOA | 2016 |
| Luhmann | Scott | Sze | Chia-Hung (Leo) | Orthopaedic Surgery | MD5 | 2018 |
| Mackinnon | Susan | Yu | Jenny | Sub-clinical peroneal nerve compression and falls in the outpatient clinic population: a prospective cohort study | MD5 | 2015 |
| Mackinnon; Wood | Susan; Matthew | Jo | Sally | Establishing the impact of Checkpoint® device electrical stimulation on peripheral nerve regeneration following a recoverable nerve injury in a rat model | MD5 | 2017 |
| Manary | Mark | Bollinger | Lucy | Investigation of the effect of legumes on growth and markers of environmental enteropathy in 6-12 month old Malawian infants | MAMD | 2015 |
| Manary | Mark | Cheng | William | MAMD | MAMD | 2016 |

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| | | | | | | |
|------------|-----------|--------------|-----------|---|------|------|
| McAndrew | Chris | Lohse | Austin | Orthopaedic Surgery | LOA | 2014 |
| McAndrew | Chris | Vandenberg | James | Soft tissue coverage for severe lower extremity trauma | MSCI | 2015 |
| Mehta-Shah | Neha | Teja | Stephanie | T-cell Receptor DNA Sequencing Based Monitoring in Peripheral T-cell Lymphoma; Clinical Outcomes of Allogeneic Stem Cell Transplantation in T-cell Lymphoma | MD5 | 2017 |
| Milbrandt | Jeffrey | Essuman | Kow | Defining the SARM1 dependent axonal destruction program | MAMD | 2015 |
| Milbrandt | Jeffrey | Essuman | Kow | MAMD | MAMD | 2016 |
| Mitreva | Makedonka | Otchere | Elaine | MAMD | MAMD | 2016 |
| Moley | Kelle | Wagner | Julia | The EMS (Endometrial Mechanical Stimulation) trial | MAMD | 2014 |
| Moore | Amy | Bichanich | Moore | Inhibition of Neuroma Formation at Surgical Amputation Sites | MD5 | 2015 |
| MPH | MPH | Wesevich | Austin | MPH | MPH | 2014 |
| MPH | MPH | Chiu | Ami | MPH | MPH | 2016 |
| MPH | MPH | Wondmeh | Sarah | MPH | MPH | 2016 |
| MPH | MPH | Min | Caroline | MPH | MPH | 2018 |
| MPHS | MPHS | Benzoni | Nicole | MPHS | MPHS | 2014 |
| MPHS | MPHS | Beyer | Alex | MPHS | MPHS | 2014 |
| MPHS | MPHS | Cortez | Sarah | MPHS | MPHS | 2014 |
| MPHS | MPHS | Dornfeld | Jarrold | MPHS | MPHS | 2014 |
| MPHS | MPHS | Bansal | Anchal | MPHS | MPHS | 2015 |
| MPHS | MPHS | Brito Rivera | Natalia | MPHS | MPHS | 2015 |
| MPHS | MPHS | Douglas | Scott | MPHS | MPHS | 2015 |
| MPHS | MPHS | Shankar | Vikram | MPHS | MPHS | 2015 |
| MPHS | MPHS | Das | Jyotirmoy | MPHS | MPHS | 2016 |
| MPHS | MPHS | Lin | Angela | MPHS | MPHS | 2016 |
| MPHS | MPHS | Yu | Lulu | MPHS | MPHS | 2016 |
| MPHS | MPHS | Lorbeer | Karley | MPHS | MPHS | 2016 |
| MPHS | MPHS | Patel | Aalok | MPHS | MPHS | 2016 |
| MPHS | MPHS | Lingam | Deepak | MPHS | MPHS | 2017 |
| MPHS | MPHS | Varman | Rahul | MPHS | MPHS | 2017 |
| MPHS | MPHS | Lapidus | Jodi | MPHS | MPHS | 2017 |
| MPHS | MPHS | Holtum | Jessica | MPHS | MPHS | 2017 |
| MPHS | MPHS | Gupta | Anjlie | MPHS | MPHS | 2017 |
| MPHS | MPHS | Shah | Amar | MPHS | MPHS | 2017 |
| MPHS | MPHS | Roubakha | Mikhail | MPHS | MPHS | 2017 |

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| | | | | | | |
|-------------------------|-----------------|------------|----------------|---|------|------|
| MPHS | MPHS | Wang | Cynthia | MPHS | MPHS | 2017 |
| MPHS | MPHS | Howdeshell | Seth | MPHS | MPHS | 2017 |
| MPHS | MPHS | Herbosa | Christina | MPHS | MPHS | 2018 |
| MPHS | MPHS | Padovano | William | MPHS | MPHS | 2018 |
| MPHS | MPHS | Phelan | Patrick | MPHS | MPHS | 2018 |
| MPHS | MPHS | Schloemann | Derek | MPHS | MPHS | 2018 |
| MPHS | MPHS | Thomas | Robert (Lucas) | MPHS | MPHS | 2018 |
| MSCI | MSCI | Dardas | Agnes | MSCI | MSCI | 2015 |
| MSCI | MSCI | Kleckner | Vanessa | MSCI | MSCI | 2015 |
| MSCI | MSCI | Slade | Michael | MSCI | MSCI | 2015 |
| MSCI | MSCI | Guniganti | Ridhima | MSCI | MSCI | 2016 |
| MSCI | MSCI | Han | Rowland | MSCI | MSCI | 2016 |
| MSCI | MSCI | Padovano | Alexander | MSCI | MSCI | 2016 |
| MSCI | MSCI | Stephens | Robert | MSCI | MSCI | 2016 |
| MSCI | MSCI | Beleckas | Casey | MSCI | MSCI | 2016 |
| MSCI | MSCI | Sindhar | Sampat | MSCI | MSCI | 2017 |
| MSCI | MSCI | Bedrick | Bronwyn | MSCI | MSCI | 2018 |
| MSCI | MSCI | Khalifeh | Jawad | MSCI | MSCI | 2018 |
| Musiek | Amy | Rodriguez | Jocelyn | Pruritus in cutaneous T-cell lymphoma | MD5 | 2014 |
| Mychaliska; Bartlett | George; Robert | Kading | Jacqueline | Development of an Artificial Placenta | LOA | 2018 |
| Mysorekar; Kuroki | Indira; Lindsay | Liang | Brooke | Blocking vertical transmission of Zika virus across the placenta; AKI in Gynecologic Oncology | MD5 | 2017 |
| Mysorekar; Kuroki | Indira; Lindsay | Liang | Brooke | Blocking vertical transmission of Zika virus across the placenta; AKI in Gynecologic Oncology | MAMD | 2018 |

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| | | | | | | |
|----------------------------------|-----------------------|------------------|----------------|--|-------|------|
| Nichols | Colin | Hanson | Alex | Mechanisms of KATP Channel Dysfunction in the Cardiovascular Pathologies of Cantu Syndrome | MAMD | 2017 |
| Nichols | Colin | Hanson | Alex | Mechanisms of KATP Channel Dysfunction in the Cardiovascular Pathologies of Cantu Syndrome | MAMD2 | 2018 |
| Osei | Daniel | An | Tonya | Prevalence of cubital tunnel syndrome in the general population | MAMD | 2014 |
| Palanca | Ben | Hickman | Leonard | Development of EEG markers for predicting short-term cognitive side effects of ECT | MSCI | 2018 |
| Pascual Garrido; Boyer; Cipriano | Cecilia; Martin; Cara | Schwabe | Maria | MPHS | MPHS | 2018 |
| Piccirillo | Jay | Skillington | Andrew | The prognostic value of p16 and the role of adjuvant chemotherapy in HPV positive oropharyngeal carcinoma | MSCI | 2014 |
| Piccirillo | Jay | Scott-Wittenborn | Nicholas | The Use of an Intravenous NMDA Receptor Antagonist in the Treatment of Tinnitus | MD5 | 2016 |
| Piccirillo | Jay | Lander | Daniel | MSCI | MSCI | 2018 |
| Ravi | V Nathan | Lee | Dong | Synthesis, characterization, and biocompatibility assessment of a vitreous substitute using thiol-containing gellan and hyaluronic acid | MAMD | 2014 |
| Ray | Wilson | Gamble | Paul | The use of sieve electrodes following spinal cord injury in rats | MAMD | 2014 |
| Stappenbeck | Thaddeus | Chiang | I-Ling | PAI-1 Intestinal Fibrosis of Inflammatory Bowel Disease | MAMD | 2018 |
| Swamidass | Joshua | Al-Khalil | Bilal | Resolving Site of Metabolism Uncertainty Using Expectation Maximization | LOA | 2015 |
| Wang | Ting | Shah | Nakul | Genetics | MAMD | 2018 |
| Moore | Amy | Wood | Ian | A Comparison Between Axonotmesis and Other Forms of Peripheral Nerve Injury | MD5 | 2016 |
| Zayed | Mohamed | Desai | Kshitij 'Kash' | The Diabetic Lipid Microenvironment – Identifying Novel Expression Patterns in Peripheral Artery Disease Progression | MPHS | 2017 |
| Zipfel | Gregory | Varman | Rahul | Investigation of effect and outcome of minocycline for the treatment and prevention of DCI resulting from SAH-induced cerebral vasospasm | MD5 | 2014 |

2014-2018 YRP Faculty Mentors and Medical Students (124)

2014-2018 YRP List
WUSM OMSR
July 2018

| | | | | | | |
|--------|---------|--------|--------|--|------|------|
| Zipfel | Gregory | Bruck | Brent | Anesthetic neurovascular conditioning for subarachnoid hemorrhage | MAMD | 2015 |
| Zipfel | Gregory | Aum | Diane | Identify the role of HSPG in ROS-derived cerebrovascular dysfunction in CAA | MD5 | 2016 |
| Zipfel | Gregory | Clarke | Julian | HIF-1 as an upstream inducer of isoflurane conditioning against early brain injury (EBI) and delayed cerebral ischemia (DCI) following subarachnoid hemorrhage (SAH) | MD5 | 2017 |
| Zipfel | Gregory | Clarke | Julian | Neurosurgery | MAMD | 2018 |