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| **Department of Medicine** |
| **Faculty** | **Title** | **Research Focus** |
| **Biomedical Informatics** |
| **Blood & Marrow Transplantation** |
| David Miklos | Associate Professor | Clinical impact of H-Y alloimmunity |
| **Cardiovascular Medicine** |
| Themistocles (Tim) Assimes | Associate Professor | *PI 2018 WHSDM seed grant:* Plasma proteomic and metabolomic biomarkers associated with breastfeeding and maternal cardiovascular health: a pilot study |
| *Co-I 2018 WHSDM seed grant:* X-ploring the sex specific genetic architecture of late-onset Alzheimer’s disease |
| Ian Y. Chen | Instructor | *Co-I 2018 WHSDM seed grant:* Sex-dependent contribution of endothelial progenitor cells to fibrosis in calcific aortic valve disease |
| William Fearon | Professor | *PI 2015 WHSDM seed grant:* Sex differences in ventricular adaptation and recovery in patients with aortic stenosis undergoing transcatheter aortic valve replacement |
| Valerie Hoover | Clinical Assistant Professor | Sex differences in perceived barriers to cardiac rehabilitation |
| Abha Khandelwal | Clinical Associate Professor | Cardiovascular disease in pregnancy; Women's cardiovascular disease |
| *Co-I 2020 WHSDM seed grant:* Severe Maternal Morbidity Risk Prediction Index: Determining the preconception risk of severe maternal morbidity among infertile women |
| Joshua Knowles | Assistant Professor | *Co-I 2017 WHSDM seed grant:* Sex differences in insulin resistance: probing the contribution of hormones to the endothelial dysfunction using stem cell-derived endothelial cell |
| Patricia Nguyen | Assistant Professor | *PI 2015 WHSDM seed grant:* Global gene expression profiling of the effects of estrogen and testosterone on human cardiomyoctes derived from induced pluripotent stem cells; |
| *Co-I 2017 WHSDM seed grant:* Sex differences in insulin resistance: probing the contribution of hormones to the endothelial dysfunction using stem cell-derived endothelial cell |
| Marco Perez | Associate Professor | Studies of atrial fibrillation in Women's Health Initiative |
| Nazish Sayed | Instructor | *PI 2018 WHSDM seed grant:* Modeling endothelial dysfunction in preeclampsia using patient-specific iPSCs |
| Joshua M. Spin | Clinical Assistant Professor | *Co-I 2019 WHSDM seed grant:* Sex differences in e-cigarette-induced aortic aneurysm |
| Jennifer A. Tremmel | Assistant Professor | *Co-I 2015 WHSDM seed grant:* Sex differences in stroke prevention therapy in atrial fibrillation |
| Philip Tsao | Professor | *PI 2019 WHSDM seed grant:* Sex differences in e-cigarette-induced aortic aneurysm  |
| *PI 2016 WHSDM seed grant:* Sex differences in macrophage activation: role of miR-204 |
| Minang (Mintu) Turakhia | Associate Professor | *PI 2015 WHSDM seed grant:* Sex differences in stroke prevention therapy in atrial fibrillation |
| Matthew Wheeler | Assistant Professor | Sex differences in genetic determinants of extreme cardiopulmonary fitness |
| Joseph C. Wu | Professor | *Co-I 2019 WHSDM seed grant:* Impact of sex hormones on thoracic aortic aneurysm formation of Marfan syndrome; PI 2018 WHSDM seed grant: Sex-dependent contribution of endothelial progenitor cells to fibrosis in calcific aortic valve disease; *Co-I 2018 seed grant:* Modeling endothelial dysfunction in preeclampsia using patient-specific iPSCs; *Co-I 2015 seed grant:* Sex differences in ventricular adaptation and recovery in patients with aortic stenosis undergoing transcatheter aortic valve replacement; *Co-I 2015 seed grant:* Global gene expression profiling of the effects of estrogen and testosterone on human cardiomyoctes derived from induced pluripotent stem cells |
| Sean M. Wu | Associate Professor | Estrogen and viral cardiomyopathy |
| Phillip C. Yang | Associate Professor | Male vs. female human fetal amniotic mesenchymal stem cells: immunoprivilege, cardiac differentiation, and regenerative capability  |
| **Endocrinology & Diabetes** |
| Marco Perez | Associate Professor | Studies of atrial fibrillation in Women's Health Initiative |
| Tracey McLaughlin | Professor | Defining optimal TG/HDL-C cut point for identification of insulin resistance in premenopausal women and women with PCOS |
| *PI 2014 WHSDM seed grant:* Sex differences in adipocyte responses to experimentally-induced weight gain |
| Jennifer Lee | Associate Professor | *Co-I 2020 WHSDM seed grant:* Thumb carpometacarpal osteoarthritis as an early marker for low bone mineral density in postmenopausal women |
| Aimee D. Shu | Clinical Associate Professor | Osteoporosis prevention in women |
| Joy Wu | Assistant Professor | Effects of parathyroid hormone on male and female skeletal metastases |
| **Gastroenterology & Hepatology** |
| Uri Ladabaum | Professor | Colorectal cancer screening and prevention in women |
| Mindie Nguyen | Professor | Sex differences in liver cancer and chronic hepatitis B |
| **Hematology** |
| Calvin J. Kuo | Professor | A Novel Organoid Model of the Endometrium and Endometriosis |
| **Hospital Medicine**  |
| **Immunology & Rheumatology** |
| Lorinda Chung | Professor | Pathogenesis and treatment of systemic sclerosis |
| PJ Utz | Professor | *PI 2017 WHSDM seed grant:* Profiling sex differences in the healthy human immune system through transcriptomics |
| **Infectious Diseases** |
| Prasanna Jagannathan | Assistant Professor | *PI 2020 WHSDM seed grant:* Investigating basis of sex differences in malaria infection in humans and mice |
| **Nephrology**  |
| Shuchi Anand | Assistant Professor | Gender-related risk factors for chronic disease in developing regions |
| Glenn M. Chertow | Professor | *Co-I 2020 WHSDM seed grant:* Sex differences in urinary response to alkali salts: a key consideration for treatment of women with calcium phosphate kidney stones |
| Calyani Ganesan | Clinical Instructor | *Co-I 2020 WHSDM seed grant:* Sex differences in urinary response to alkali salts: a key consideration for treatment of women with calcium phosphate kidney stones |
| Alan C. Pao | Assistant Professor | *PI 2020 WHSDM seed grant:* Sex differences in urinary response to alkali salts: a key consideration for treatment of women with calcium phosphate kidney stones |
| **Oncology**  |
| Douglas W. Blayney | Professor | Treatment of breast cancer |
| Robert Haile | Professor | Sex differences in cancer |
| Sigurdis Haraldsdottir | Assistant Professor | Precision medicine in colorectal cancer |
| Pamela Kunz | Assistant Professor | Sex differences in colorectal cancer |
| Allison Kurian | Associate Professor | Women at high risk for developing breast and gynecologic cancers |
| Beverly Mitchell | Professor | Sex differences in cancer |
| Mark Pegram | Professor | Male breast cancer; Breast cancer diagnosis and treatment in the genomic age |
| Melinda Telli | Associate Professor | Understanding breast cancer risk and screening |
| Heather Wakelee | Professor | Sex differences in lung cancer |
| **Primary Care & Outcomes Research** |
| **Primary Care & Population Health** |
| Michele Barry | Professor | Women leaders in global health |
| Mark Cullen | Professor | Variations in sex differences in mortality |
| David Rehkopf | Associate Professor | Sex and gender differences in health outcomes |
| Sandra Tsai | Clinical Associate Professor | Cardiovascular health in women |
| **Pulmonary & Critical Care Medicine** |
| Maya Kumar | Instructor | *PI 2016 WHSDM seed grant:* Defining the molecular pathways responsible for female-biased airway disregulation in chronic asthma |
| **Stanford Prevention Research Center** |
| Michael Baiocchi | Assistant Professor | Gender-based violence |
| *Co-I 2019 WHSDM seed grant:* Modeling structural causes of sex differences |
| Christopher Gardner | Professor | Weight loss diets in women |
| Judith Prochaska | Associate Professor | Social media support groups for promoting heart health |
| Marcia Stefanick | Professor | Sex and gender differences in medicine; Women’s health across the lifespan |