**Department of Medicine**

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| **Faculty by Division** | | **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 Khandelwa | Clinical Assistant Professor | Cardiovascular disease in pregnancy; Women's cardiovascular disease |
|  | 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 | *PI 2018 WHSDM seed grant:* Sex-dependent contribution of endothelial progenitor cells to fibrosis in calcific aortic valve disease  *Co-I 2019 WHSDM seed grant:* Impact of sex hormones on thoracic aortic aneurysm formation of Marfan syndrome; *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 |
|  | 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** | | | |
| **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** | | | |
| **Nephrology** | | | |
|  | Shuchi Anand | Assistant Professor | Gender-related risk factors for chronic disease in developing regions |
| **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 | Cardiovasulcar 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 |