

# Mentor List

To participate in this NIH funded short-term research training program your mentor must be a University of Michigan faculty. In applying for this grant from the NIH, we supply a list of preferred mentors. This list is provided below. However, you can choose any University of Michigan faculty as your mentor and we can add them as mentors to the training grant or your proposal can be funded using non-NIH funds. The NIH grant is funded by the National Heart Lung and Blood Institute and applications that fall into this general research area may be more likely to receive funds from the NIH pool. However, as you can see by the preferred mentor list below National Heart Lung And Blood Institute will support broad areas of research.

As of 8/18/2019

| Name                          | Degree(s) | Rank        | Department          | Email Address  | Research Interest  |
|-------------------------------|-----------|-------------|---------------------|--|--|
| Andjelkovic-Zochowska, Anuska | MD, PhD   | Assoc Prof  | Pathology           | <a href="mailto:anuskaa@umich.edu">anuskaa@umich.edu</a>   | Neurovascular units remodeling in stroke, aging and Brain small vessels disease, Molecular mechanism of vascular dysfunction in cerebral cavernous malformation type-3, Blood brain barrier permeability in disease pathogenesis |
| Ayanian, John                 | MD        | Prof        | Internal Medicine   | <a href="mailto:ayanian@umich.edu">ayanian@umich.edu</a>   | Health policy and health services research related quality of care, and healthcare disparities; insurance coverage across disease  |
| Baptist, Alan                 | MD        | Assoc Prof  | Internal Medicine   | <a href="mailto:abaptist@umich.edu">abaptist@umich.edu</a> | The intersection of asthma outcomes, health information technology interventions, asthma health care disparities, and the use of health behavior/health education to improve outcomes  |
| Barnes, Geoff                 | MD        | Assist Prof | Internal Medicine   | <a href="mailto:gbarnes@umich.edu">gbarnes@umich.edu</a>   | Improving care for patients with atrial fibrillation, venous thromboembolism, and other pro-thrombotic disorders   |
| Bohnert, Amy                  | PhD       | Assoc Prof  | Psychiatry          | <a href="mailto:amybohne@umich.edu">amybohne@umich.edu</a> | Analytical methods to understand risks of opioid and other substance use and to examine the impact of efforts to reduce these harms.   |
| Brummett, Chad                | MD        | Assoc Prof  | Anesthesiology      | <a href="mailto:cbrummet@umich.edu">cbrummet@umich.edu</a> | Chronic pain syndromes; Analgesia  |
| Buchman, Steven               | MD        | Prof        | Surgery             | <a href="mailto:sbuchman@umich.edu">sbuchman@umich.edu</a> | Bone regeneration  |
| Carethers, John               | MD        | Prof        | Internal Medicine   | <a href="mailto:jcarethe@umich.edu">jcarethe@umich.edu</a> | The areas of DNA mismatch repair, familial colorectal cancer syndromes, and colorectal cancer disparities.   |
| Carey, Thomas                 | PhD       | Prof        | Otorhinolaryngology | <a href="mailto:jcarethe@umich.edu">jcarethe@umich.edu</a> | Genetic mechanism in head and neck cancer progression, and response to therapy; mechanisms of autoimmune hearing loss  |

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| Castro, Maria    | PhD       | Prof        | Neurosurgery                       | <a href="mailto:mariacas@umich.edu">mariacas@umich.edu</a> | epigenetic regulation of cancer progression; oncometabolites of brain tumors; therapies for adult and pediatric gliomas   |
| Charpie, John    | MD, PhD   | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:jcharpie@umich.edu">jcharpie@umich.edu</a> | Myocardial ischemia-reperfusion injury Vascular endothelial dysfunction<br>Outcomes following surgical repair of congenital heart disease in children   |
| Chervin, Ronald  | MD        | Prof        | Neurology                          | <a href="mailto:chervin@umich.edu">chervin@umich.edu</a>   | Obstructive sleep apnea, excessive daytime sleepiness, effects of sleep disorders on driving ability<br>Sleep deprivation and depression, sleep among college students<br>Cognitive and behavioral consequences of sleep disorders in children<br>Effects of sleep disorders on pregnant women and their newborn children |
| Chinnaiyan, Arul | MD, PhD   | Prof        | Pathology                          | <a href="mailto:arul@umich.edu">arul@umich.edu</a>         | Cancer genomics and proteomics, metabolomics, bioinformatics, prostate cancer, breast cancer<br>Application of integration and mining technologies to cancer research   |
| Chung, Kevin     | MD        | Prof        | Surgery                            | <a href="mailto:kechung@umich.edu">kechung@umich.edu</a>   | Outcomes research, Clinical trials, Economic analysis in healthcare, Assessment of health care quality<br><br>Epidemiology and statistical issues in Surgery  |
| Clauw, Daniel    | MD        | Prof        | Anesthesiology                     | <a href="mailto:dclauw@umich.edu">dclauw@umich.edu</a>     | Pain processing in chronic multisymptom illnesses including fibromyalgia, chronic fatigue syndrome<br><br>Gulf War Illnesses, and related disorders   |
| Cooke, Colin     | MD        | Assist Prof | Internal Medicine                  | <a href="mailto:cookecr@umich.edu">cookecr@umich.edu</a>   | Focus on the epidemiology of critical illness. The research program seeks to identify how healthcare policy, the healthcare system, and individual patient characteristics interact to shape the quality and efficiency of ICU care delivery.   |
| Corfas, Gabriel  | PhD       | Prof        | Otorhinolaryngology                | <a href="mailto:corfas@umich.edu">corfas@umich.edu</a>     | Understanding the mechanisms and roles of neuron-glia interactions in the central and peripheral nervous system   |
| Dalton, Vanessa  | MD        | Prof        | Obstetrics & Gynecology            | <a href="mailto:daltonvk@umich.edu">daltonvk@umich.edu</a> | Early pregnancy failure, cancer screening and HPV vaccinations  |
| Diaz, Jose       | MD        | Assist Prof | Surgery                            | <a href="mailto:josediaz@umich.edu">josediaz@umich.edu</a> | Mechanisms involved in deep vein thrombosis   |

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| Dickson, Robert   | MD        | Assist Prof | Internal Medicine                  | <a href="mailto:rodickso@umich.edu">rodickso@umich.edu</a> | The role of respiratory microbiota in lung disease and critical illness  |
| Dlugosz, Andrzej  | MD        | Prof        | Dermatology                        | <a href="mailto:dlugosza@umich.edu">dlugosza@umich.edu</a> | Embryonic signaling pathways in regeneration, and cancer   |
| Eagle, Kim        | MD        | Prof        | Internal Medicine                  | <a href="mailto:keagle@umich.edu">keagle@umich.edu</a>     | Studies of acute aortic syndromes<br>Studies of methods to combat childhood obesity<br>Studies of pacemaker reuse in third world nations   |
| Else, Tobias      | MD        | Assist Prof | Internal Medicine                  | <a href="mailto:telse@umich.edu">telse@umich.edu</a>       | Research interest is translational research on endocrine diseases with a particular focus on the genetic basis of adrenal tumors and hormone excess syndromes  |
| Engel, James      | PhD       | Prof        | Cell & Developmental Biology       | <a href="mailto:engel@umich.edu">engel@umich.edu</a>       | Molecular mechanisms that lead to tissue specification and function during mammalian embryogenesis focusing on hematopoiesis   |
| Englesbe, Michael | MD        | Prof        | Surgery                            | <a href="mailto:englesbe@umich.edu">englesbe@umich.edu</a> | Relationship between frailty, body morphomics, and surgical outcomes<br>Optimization of pre-operative preparation (exercise, education, etc...)  |
| Felt, Barbara     | MD        | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:truefelt@umich.edu">truefelt@umich.edu</a> | Brain and behavioral consequences of iron deficiency anemia during development   |
| Flaherty, Kevin   | MD        | Prof        | Internal Medicine                  | <a href="mailto:flaherty@umich.edu">flaherty@umich.edu</a> | Develop a scholarly niche in the study and care of patients with interstitial lung diseases  |
| Froehlich, James  | MD        | Prof        | Internal Medicine                  | <a href="mailto:jfroehli@umich.edu">jfroehli@umich.edu</a> | Dissecting aortic aneurysms: analyzing the relationship between aneurysm size and the risk of dissection in women and men; Fibromuscular Dysplasia (FMD); Anticoagulation care and quality improvement   |
| Ganesh, Santhi    | MD        | Assoc Prof  | Internal Medicine                  | <a href="mailto:sganesh@umich.edu">sganesh@umich.edu</a>   | Genetics of vascular diseases and arterial remodeling  |
| Ghaferi, Amir     | MD        | Assoc Prof  | Surgery                            | <a href="mailto:aghaferi@umich.edu">aghaferi@umich.edu</a> | Characterize the mechanisms underlying variations in failure to rescue (FTR) across hospitals  |
| Ginsburg, David   | MD        | Prof        | Internal Medicine                  | <a href="mailto:ginsburg@umich.edu">ginsburg@umich.edu</a> | Genetic studies of blood coagulation and thrombosis: von Willebrand factor (VWF), the genetics of von Willebrand Disease (VWD), and the plasminogen activation (PA) system (particularly the role of plasminogen activator inhibitor-1 (PAI-1) Vivo analysis of coagulation system function in transgenic mouse models and the identification of novel genes contributing to human bleeding and clotting disorders |

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| Giordani, Bruno     | PhD       | Prof       | Psychiatry                         | <a href="mailto:gjordani@umich.edu">gjordani@umich.edu</a> | Cognition, behavior, and quality of life in children and adults with sleep disordered breathing.<br>Relationship of PSG measures to cognitive and behavioral outcome following adenotonsillectomy.<br>Interaction of cognitive and behavioral factors in the development of mobility difficulties across the life-span. |
| Goldberg, Caren     | MD        | Prof       | Pediatrics & Communicable Diseases | <a href="mailto:cgoldber@umich.edu">cgoldber@umich.edu</a> | Long term outcomes of children with congenital heart disease, with particular interest in neurodevelopmental and functional outcomes.<br>Interest in preventive cardiology research   |
| Hammer, Gary        | MD, PhD   | Prof       | Internal Medicine                  | <a href="mailto:ghammer@umich.edu">ghammer@umich.edu</a>   | Mechanisms by which signaling and transcriptional programs initiate growth and differentiation of adrenocortical stem cells during development; mechanisms of dysregulated growth in adrenal cancer   |
| Hankenson, Kurt     | PhD       | Prof       | Orthopaedic Surgery                | <a href="mailto:kdhank@umich.edu">kdhank@umich.edu</a>     | Studies the regulation of mesenchymal progenitor differentiation and maintenance of progenitor cell stemness, focused primarily on extracellular mediators of osteoblast differentiation (growth factors) and the resultant transcriptional processes that drive differentiation.                                       |
| Haymart, Megan      | MD        | Assoc Prof | Internal Medicine                  | <a href="mailto:meganhay@umich.edu">meganhay@umich.edu</a> | Treatment Decision Making in Low-Risk Thyroid Cancer” and AHRQ R01, “Imaging Practices and Overdiagnosis of Thyroid Cancer  |
| Heisler, Michele    | MD        | Prof       | Internal Medicine                  | <a href="mailto:mheisler@umich.edu">mheisler@umich.edu</a> | Health system and behavioral intervention to improve chronic disease self-management among patients, especially low-income, underserved populations   |
| Henke, Peter        | MD        | Prof       | Surgery                            | <a href="mailto:henke@umich.edu">henke@umich.edu</a>       | Angiogenesis and venous thrombosis  |
| Hershenson, Marc    | MD        | Prof       | Pediatrics & Communicable Diseases | <a href="mailto:mhersh@umich.edu">mhersh@umich.edu</a>     | Pathogenesis of rhinovirus-induced exacerbations of chronic airways diseases including asthma and COPD Role of mesenchymal stem cells in lung injury and repair.<br>Signal transduction mechanisms underlying airway smooth muscle cell hypertrophy and differentiation in asthma                                       |
| Hirschl, Ronald     | MD        | Prof       | Surgery                            | <a href="mailto:rhirschl@umich.edu">rhirschl@umich.edu</a> | Research has focused on extracorporeal life support as well as the development of devices for long term extracorporeal support in children and the artificial placenta for premature newborns   |
| Hollingsworth, John | MD        | Assoc Prof | Urology                            | <a href="mailto:kinks@umich.edu">kinks@umich.edu</a>       | Understanding how patterns of interaction among primary care physicians influence care delivery   |
| Iwashyna, Theodore  | MD, PhD   | Assoc Prof | Internal Medicine                  | <a href="mailto:tiwashyn@umich.edu">tiwashyn@umich.edu</a> | Advance Care Through Implementation Science in Cardiac And Lung Illnesses   |

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| Jepsen, Karl       | PhD       | Prof        | Orthopaedic Surgery                | <a href="mailto:kjepsen@umich.edu">kjepsen@umich.edu</a>   | Applying mechanical principles in a systematic way to identify biomechanical mechanisms that explain why bones fail when they should not  |
| Kaye, Keith        | MD        | Prof        | Internal Medicine                  | <a href="mailto:keithka@umich.edu">keithka@umich.edu</a>   | Evaluating the management of infections due to extensively-resistant Gram-negative bacilli and one innovative study funded by AHRQ focused on novel methods to prevent hospital-acquired infections   |
| Kazerooni, Ella    | MD        | Prof        | Radiology                          | <a href="mailto:ellakaz@umich.edu">ellakaz@umich.edu</a>   | The study of multidetector CT for pulmonary embolism, cardiac disease and the evaluation of severely injured trauma patients, as well as the diagnosis, staging and treatment of diffuse lung disease, including emphysema and interstitial lung diseases   |
| Koenig, Ronald     | MD, PhD   | Prof        | Internal Medicine                  | <a href="mailto:rkoenig@umich.edu">rkoenig@umich.edu</a>   | Thyroid hormone and thyroid hormone receptors. Thyroid cancer   |
| Koschmann, Carl    | MD        | Assist Prof | Pediatrics & Communicable Diseases | <a href="mailto:ckoschma@umich.edu">ckoschma@umich.edu</a> | Pursues the molecular mechanisms by which recurrent mutations in pediatric high-grade glioma (HGG), including glioblastoma (GBM), anaplastic astrocytoma (AA) and diffuse intrinsic pontine glioma (DIPG) promotes tumor formation and affect treatment response  |
| Lama, Vibha        | MD        | Prof        | Internal Medicine                  | <a href="mailto:vlama@umich.edu">vlama@umich.edu</a>       | Immune mediated fibrotic lung diseases<br><br>Understanding the clinical variables predicting onset and course of fibrotic lung diseases<br><br>The role of mesenchymal stem cell population in the pathogenesis of fibrotic responses in chronic rejection after lung transplantation and scleroderma  |
| Lawrence, Theodore | MD, PhD   | Prof        | Radiation Oncology                 | <a href="mailto:tsl@umich.edu">tsl@umich.edu</a>           | Mechanisms of radiosensitization for treatment of cancer; cell cycle changes and the apoptotic pathway; role of the epidermal growth factor receptor family in radiosensitization   |
| Lee, Joyce         | MD        | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:joyclee@umich.edu">joyclee@umich.edu</a>   | Epidemiology, health outcomes, and quality of life for children with obesity and diabetes (type 1 and type 2)   |
| Levi, Benjamin     | MD        | Assist Prof | Surgery                            | <a href="mailto:blevi@umich.edu">blevi@umich.edu</a>       | Research interests focused on extremity trauma, heterotopic ossification, bone development, bone imaging and mesenchymal stem cells. My research and clinical training has been in centers of academic excellence and with experts in bone biology and trauma, with a concentrated research focus on bone development and trauma induced heterotopic ossification |

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| Levine, Deborah   | MD        | Assoc Prof  | Internal Medicine                  | <a href="mailto:deblevin@umich.edu">deblevin@umich.edu</a> | Research on the risk factors and outcomes of cardiovascular disease (CVD) and stroke with a focus on cognitive impairment and health disparities.  |
| Li, Qing          | MD        | Assist Prof | Internal Medicine                  | <a href="mailto:lqing@umich.edu">lqing@umich.edu</a>       | Mechanisms of hematopoietic stem cell regulation under physiologic condition and dysregulation during leukemogenesis   |
| Likosky, Donald   | PhD       | Assoc Prof  | Cardiac Surgery                    | <a href="mailto:likosky@umich.edu">likosky@umich.edu</a>   | Cardiac surgery outcomes assessment & improvement  |
| LiPuma, John      | MD        | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:jlipuma@umich.edu">jlipuma@umich.edu</a>   | interested in the phylogenetics of bacteria recovered from CF airways has led to the naming of 37 novel bacterial species  |
| Lombard, David    | MD, PhD   | Assoc Prof  | Pathology                          | <a href="mailto:davidlom@umich.edu">davidlom@umich.edu</a> | Basic biology of aging and longevity   |
| Lowenstein, Pedro | MD, PhD   | Prof        | Neurosurgery                       | <a href="mailto:pedrol@umich.edu">pedrol@umich.edu</a>     | Discover the cellular, molecular, and neuroanatomical basis underlying the growth patterns of malignant brain tumors and the interactions between cancer cells with the tumor microenvironment, both in experimental models and in human patients suffering from brain tumors (glioma) |
| Luker, Gary       | MD        | Prof        | Radiology                          | <a href="mailto:gluker@umich.edu">gluker@umich.edu</a>     | Chemokines and chemokine receptors in primary and metastatic cancer<br>Detection of circulating tumor cells<br>Viral-host pathogenesis.  |
| Lumeng, Julie     | MD        | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:jlumeng@umich.edu">jlumeng@umich.edu</a>   | Development of eating behavior in children and psychosocial and behavioral risk factors for childhood obesity  |
| Martin, Donna     | MD, PhD   | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:donnamm@umich.edu">donnamm@umich.edu</a>   | Developmental disorders with a focus on human genetic syndromes including Rieger syndrome (studied in mouse Pitx2 mutants) and CHARGE syndrome (mutations in CHD7); identifying novel genes involved in autism   |
| Mashour, George   | MD, PhD   | Prof        | Anesthesiology                     | <a href="mailto:gmashour@umich.edu">gmashour@umich.edu</a> | Investigate the incidence of delayed emergence and potential co-morbidities and intraoperative events and management that may be associated with delayed emergence   |
| Merajver, Sofia   | MD, PhD   | Prof        | Internal Medicine                  | <a href="mailto:smerajve@umich.edu">smerajve@umich.edu</a> | Molecular genetics of aggressive breast cancer phenotypes and hereditary breast cancer. Angiogenesis, molecular therapeutics. Mathematical models of signal transduction and drug action   |
| Meurer, William   | MD        | Assoc Prof  | Emergency Medicine                 | <a href="mailto:wmeurer@umich.edu">wmeurer@umich.edu</a>   | Early care of acute stroke, TBI, or post-cardiac arrest global cerebral injury   |

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| Moenter, Sue           | PhD       | Prof        | Molecular & Integrated Physiology | <a href="mailto:smoenter@umich.edu">smoenter@umich.edu</a>   | Role of obesity, diet, stress and prenatal exposure to various substances in fertility in animal models   |
| Moniz, Michelle        | MD        | Assist Prof | Obstetrics and Gynecology         | <a href="mailto:mmoniz@umich.edu">mmoniz@umich.edu</a>       | Aim is to eliminate reproductive health disparities by improving access to high-quality contraceptive services  |
| Moore, Bethany         | PhD       | Prof        | Internal Medicine                 | <a href="mailto:bmoore@umich.edu">bmoore@umich.edu</a>       | Chemokine and eicosanoid regulation of pulmonary fibrosis<br>Innate and adaptive pulmonary host defense defects following bone marrow transplantation   |
| Morgan, Meredith       | PhD       | Assist Prof | Radiation Oncology                | <a href="mailto:mmccrack@umich.edu">mmccrack@umich.edu</a>   | Research is to improve the efficacy of standard therapy for locally advanced cancer through the development of molecularly targeted agents as tumor cell selective sensitizers, with a particular emphasis on locally advanced pancreatic cancer. |
| Morgenstern, Lewis     | MD        | Prof        | Neurology                         | <a href="mailto:lmorgens@umich.edu">lmorgens@umich.edu</a>   | Health disparities with respect to gender, race and ethnicity and stroke epidemiology<br>Acute stroke treatment   |
| Mortensen, Richard     | MD, PhD   | Prof        | Molecular & Integrated Physiology | <a href="mailto:rmort@umich.edu">rmort@umich.edu</a>         | Diabetes, obesity and cardiovascular disease<br><br>Transgenic models of human diseases in mice, and the mechanisms of these major cardiovascular risk factors  |
| Mychaliska, George     | MD        | Prof        | Surgery                           | <a href="mailto:mychalis@umich.edu">mychalis@umich.edu</a>   | Prenatal diagnosis and therapy, pulmonary development, and congenital diaphragmatic hernia  |
| Nallamotheu, Brahmajee | MD        | Prof        | Internal Medicine                 | <a href="mailto:bnallamo@umich.edu">bnallamo@umich.edu</a>   | Optimizing delivery of cardiovascular services & procedures   |
| Nunez, Gabriel         | MD        | Prof        | Pathology                         | <a href="mailto:bclx@umich.edu">bclx@umich.edu</a>           | Mechanisms of innate immune response against microbial pathogens, particularly the role of Nod proteins in the inflammatory response; inflammatory disease role of inflammation in intestinal cancer, the microbiota in mucosal immunity          |
| Nyati, Mukesh          | PhD       | Assoc Prof  | Radiation Oncology                | <a href="mailto:nyati@umich.edu">nyati@umich.edu</a>         | EGFR & its role in head & neck cancer treatment<br>Assessing the effect of EGFR degradation & its mechanism upon treatment<br>Developing new approach to target EGFR in tumor & endothelial cells using small peptides & chemicals                |
| Orringer, Daniel       | MD        | Assist Prof | Neurosurgery                      | <a href="mailto:dorringer@umich.edu">dorringer@umich.edu</a> | Develop novel imaging modalities to reveal tumor infiltration that cannot currently be detected.  |
| Parent, Jack           | MD        | Prof        | Neurology                         | <a href="mailto:parent@umich.edu">parent@umich.edu</a>       | Pluripotent stem cells; neural stem cells, plasticity and regeneration after brain injury; epileptogenesis  |

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| Peters-Golden, Marc  | MD        | Prof        | Internal Medicine                 | <a href="mailto:petersm@umich.edu">petersm@umich.edu</a>   | Arachidonic acid metabolism in lung cells (macrophages, epithelial cells, fibroblasts), cell biology of prostaglandin and leukotriene-forming enzymes, role of arachidonate metabolites in immune responses, host defense, and inflammatory and fibrotic lung disease. |
| Pinsky, David        | MD        | Prof        | Internal Medicine                 | <a href="mailto:dpinsky@umich.edu">dpinsky@umich.edu</a>   | Develop new insights into endogenous mechanisms of ischemic vascular injury and protection, in order to develop new therapeutic strategies targeted at the intersection of thrombotic, fibrinolytic, and inflammatory axes   |
| Pop-Busui, Rodica    | MD, PhD   | Prof        | Internal Medicine                 | <a href="mailto:rpbusui@umich.edu">rpbusui@umich.edu</a>   | Diabetes and diabetes complications, with a focus on diabetic autonomic and peripheral neuropathy  |
| Prescott, Hallie     | MD        | Assist Prof | Internal Medicine                 | <a href="mailto:hprescot@umich.edu">hprescot@umich.edu</a> | Research is to understand and improve recovery after acute illness, concentrating on healthcare use and hospital readmission   |
| Rao, Rajesh          | MD        | Assist Prof | Ophthalmology and Visual Sciences | <a href="mailto:rajeshr@umich.edu">rajeshr@umich.edu</a>   | Exploit the power of epigenetics, stem cells, and regenerative medicine to discover new treatments for blindness.  |
| Reddy, Rishindra     | MD        | Assoc Prof  | Surgery                           | <a href="mailto:redzym@umich.edu">redzym@umich.edu</a>     | Circulating tumor cells in lung cancer, health disparities due to race and socioeconomic status in esophageal and lung cancer care, medical and resident education quality improvement   |
| Rehemtulla, Alnawaz  | PhD       | Prof        | Radiation Oncology                | <a href="mailto:alnawaz@umich.edu">alnawaz@umich.edu</a>   | Non-invasive detection of molecular events in live animals (Molecular Imaging).  |
| Richardson, Caroline | MD        | Prof        | Family Medicine                   | <a href="mailto:caroli@umich.edu">caroli@umich.edu</a>     | Physical activity and chronic disease, diabetes, obesity, heart disease risk factor modification, health behavior change   |
| Schipani, Ernestina  | MD, PhD   | Prof        | Orthopaedic Surgery               | <a href="mailto:eschipan@umich.edu">eschipan@umich.edu</a> | Testing the hypothesis that the hypoxia signaling pathway controls cell survival and differentiation during skeletal development.  |
| Silbergleit, Robert  | MD        | Prof        | Emergency Medicine                | <a href="mailto:robie@umich.edu">robie@umich.edu</a>       | Prehospital treatment of status epilepticus  |
| Sisson, Thomas       | MD        | Prof        | Internal Medicine                 | <a href="mailto:tsisson@umich.edu">tsisson@umich.edu</a>   | Role of Plasminogen Activator in Removal of Provisional Fiber Matrix   |
| Speliotes, Elizabeth | MD, PhD   | Assoc Prof  | Internal Medicine                 | <a href="mailto:espeliot@umich.edu">espeliot@umich.edu</a> | Genetics of obesity and NAFLD  |
| Spence, Jason        | PhD       | Assoc Prof  | Department of Internal Medicine   | <a href="mailto:spencejr@umich.edu">spencejr@umich.edu</a> | Emphasis on directing differentiation of pluripotent stem cells into specific tissue lineages using developmental principles. model human kidney development <i>in vitro</i> using seminal work from others as a guide   |

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| Standiford, Theodore  | MD        | Prof        | Internal Medicine                  | <a href="mailto:tstandif@umich.edu">tstandif@umich.edu</a> | Role of toll like receptors (TLRs) in the generation of inflammatory cytokines/chemokines required for protective innate immune responses of the lung                                 |
| Stein, Joshua         | MD        | Prof        | Ophthalmology and Visual Sciences  | <a href="mailto:jdstein@umich.edu">jdstein@umich.edu</a>   | Identification of novel risk factors associated with the development or worsening of ocular conditions, and outcomes of common ocular surgeries.                                      |
| Stojanovska, Jadranka | MD        | Assist Prof | Radiology                          | <a href="mailto:jstoanov@umich.edu">jstoanov@umich.edu</a> | Research centers on imaging epicardial adipose tissue utilizing magnetic resonance (MR) sequences to characterize the lipid content, inflammation, and fibrosis.                      |
| Wakefield, Thomas     | MD        | Prof        | Surgery                            | <a href="mailto:thomasww@umich.edu">thomasww@umich.edu</a> | Role of inflammation and selectins on venous thrombosis   |
| Waljee, Jennifer      | MD        | Assoc Prof  | Surgery                            | <a href="mailto:filip@umich.edu">filip@umich.edu</a>       | Defining variation in perioperative pain management and developing best practices for opioid prescribing for acute pain following surgical care.                                      |
| Wang, Michael         | MD, PhD   | Prof        | Neurology                          | <a href="mailto:micwang@umich.edu">micwang@umich.edu</a>   | Molecular and cellular biology of cerebrovascular diseases<br>Steroid hormone regulation in nervous system injury<br>Effects of stroke of sleep and circadian rhythms                 |
| Wicha, Max            | MD        | Prof        | Internal Medicine                  | <a href="mailto:mwicha@umich.edu">mwicha@umich.edu</a>     | Effects of extracellular matrix components on cell growth and differentiation. Cancer stem cells  |
| Xi, Guohua            | MD        | Prof        | Neurosurgery                       | <a href="mailto:guohuaxi@umich.edu">guohuaxi@umich.edu</a> | Intracerebral hemorrhage; Brain edema; Preconditioning  |
| Yang, Bo              | MD        | Assist Prof | Cardiac Surgery                    | <a href="mailto:boya@umich.edu">boya@umich.edu</a>         | Understand the mechanism of the aneurysm in BAV, develop novel treatment to prevent thoracic aortic aneurysm in BAV and provide evidence to guide the timing of surgical intervention |
| Yanik, Greg           | MD        | Prof        | Pediatrics & Communicable Diseases | <a href="mailto:gyanik@umich.edu">gyanik@umich.edu</a>     | Understanding of the pathophysiology and treatment of both Idiopathic Pneumonia Syndrome (IPS) and Bronchiolitis Obliterans Syndrome (BOS)  |
| Zampi, Jeffrey        | MD        | Assist Prof | Pediatrics & Communicable Diseases | <a href="mailto:jzampi@umich.edu">jzampi@umich.edu</a>     | Research focuses on outcomes assessment in congenital heart disease, particularly in patients receiving high-risk therapies.  |

# Mentor List