

CTSI-Ed K12 Mentor List

Please note, this list is not exhaustive. Experts@Minnesota is a great tool to find, connect and collaborate with the outstanding faculty at the University of Minnesota.

Center for Magnetic Resonance Research		
Mentor	Department/School	Research Interest
Garwood, Michael, PhD, BA	Professor, Radiology	Developing advanced MRI and MRS techniques
Ugurbil, Kamil, PhD	Professor, Radiology, Medicine, Neuroscience	High field MRI; Functional brain imaging; Human connectome project

College of Biological Sciences		
Mentor	Department/School	Research Interest
Bernlohr, David, PhD	Distinguished McKnight Professor and Head, BMBB (Medicine & Biological Sciences)	Metabolic control and regulation in adipocytes; epigenomics and oxidative stress
Kim, Do-Hyung, PhD	Professor, Biochem, Mol Biol & Biophysics	Signal transduction and protein degradation; cell metabolism
Mclvor, R. Scott, PhD	Professor, Genetics, Cell Biology, & Development	Development of Genetic Therapies

School of Dentistry		
Mentor	Department/School	Research Interest
Herzberg, Mark, DDS, PhD	Professor, Oral Biology	Host innate immunity and bacterial interactions
Mansky, Kim, PhD	Professor, Developmental and Surgical Science	Epigenetic regulation of osteoclasts
Nixdorf, Donald, DDS, MS	Professor, Diagnostic & Biological Science; Division Director, TMD & Orofacial Pain	MRI applications for dental and orofacial pain applications

Clinical and Translational Science Institute

Redish, David, PhD	Distinguished McKnight University Professor, Neuroscience	Decision-making, behavioral neuroscience; computational psychiatry
Simone, Donald, PhD	Professor, Department Chair, Division Director, Diagnostic & Biological science	Neural mechanisms of pain and hyperalgesia

Institute for Health Informatics

Mentor	Department/School	Research Interest
Chih-Lin Chi, PhD, MBA	Associate Professor, Nursing, Population Health and Systems Cooperative	Machine Learning; Big Data Research; Health Informatics
Johnson, Steve, PhD	Campus Administrator, Health Informatics	Clinical Informatics
Melton-Meaux, Genevieve B, MD, PhD	Professor, Surgery	Biomedical informatics; Clinical natural language processing (NLP); HIT Evaluation; Decision Support Systems
Simon, Gyorgy, PhD	Assistant Professor, Health Informatics	Machine Learning in Medicine
Wang, Jinhua, PhD	Professor, Health Informatics Director, Cancer Bioinformatics	Cancer Bioinformatics; genome informatics

Institute for Molecular Virology

Mentor	Department/School	Research Interest
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Clinical and Translational Science Institute

Mansky, Louis, PhD	Director, Professor, Institute for Molecular Virology Professor, Department of Diagnostic and Biological Sciences	Molecular Pathogenesis of Human Viruses (HIV)
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Law School

Mentor	Department/School	Research Interest
Wolf, Susan, JD	McKnight Presidential Professor, Law, Medicine & Public Policy Professor, Medicine	Health law; law and science; bioethics

College of Liberal Arts

Mentor	Department/School	Research Interest
Fair, Damien, PA-C, PhD	Professor, Inst. Child Development; Pediatrics	Cognitive neuroscience
Frazier, Patricia, PhD	Professor, Psychology	Stress and trauma
Gunnar, Megan R, PhD	Distinguished McKnight University Professor, Institute of Child Development	Developmental Psychoendocrinology of stress
Rothman, Alexander, MS, PhD	Professor, Psychology	Health Communication; Health Behavior Change; Health Behavior Theory

Medical School

Mentor	Department/School	Research Interest
al'Absi, Mustafa, PhD	Professor, Family Medicine	Stress Biology
Aliferis, Constantin, MD, PhD	Director, Institute for Health Informatics Professor, Geriatrics, Palliative and Primary Care	High dimensional modeling; Analysis of large data sets

Clinical and Translational Science Institute

Allen, Michelle, MD, MS	Associate Professor, Family Medicine and Community Health	Adolescent tobacco and other substance use prevention; Community-based participatory research
Baldomero, Arianne, MD, MS	Assistant Professor, Pulmonary and Critical Care	Rural healthcare; Disparities in COPS Care and outcomes
Bellin, Melena, MD, MS	Professor, Pediatrics; Surgery	Islet allotransplant in diabetes; chronic pancreatitis
Berge, Jerica, PHD, MPH, LMFT, CFLE	Professor, Family Medicine & Community Health	Obesity Prevention and Treatment; Women's Health; Health Disparities; Mixed-methods
Bhargava, Maneesh, MBBS, PhD	Associate Professor, Pulmonary & Critical Care	Proteomic Biomarkers in Acute and Chronic Lung Disease
Bielinsky, Anja, PhD	Professor, Biochem, Mol., Biology & Biophysics	Regulation of DNA replication; Genome instability syndromes
Binstadt, Bryce, MD, PhD	Associate Professor, Pediatrics - Rheum, Allergy & Immunology	Autoimmunity; Innate Immunity
Blaes, Anne, MD	Professor, Hematology, Oncology & Transplant	Cancer survivorship; late effects of cancer therapy
Blazar, Bruce, MD	Regents Professor, Pediatrics Director, CSTI; Center for Translational Medicine	Immunobiology; Treating & Preventing GVHD PostBMT
Borowsky, Iris, MD, PhD	Director, General Pediatrics & Adolescent Professor, Pediatrics	Social determinants of youth health and equity
Boulware, David, MD, MPH, CTropMed	Professor, Infectious Diseases & International Medicine	HIV/AIDS-related meningitis; clinical trials; translational research; COVID-19 trials
Campbell, Colin, PhD	Associate Professor, Pharmacology	Cancer Pharmacology; DNA damage repair
Campo Patino, Monica, MD, MPH	Assistant Professor, Pulmonary Critical Care	Human innate immunity to TB
Chow, Lisa, MD, MS	Professor, Endocrinology & Diabetes Division Director, Endocrinology and Metabolism	Clinical/translational research on lifestyle modification

Clinical and Translational Science Institute

Cormier, Robert, PhD	Associate Professor, Biomedical Sciences (UMD)	Cancer Genetics
Cullen, Kathryn, MD	Associate Prof, Child & Adolescent Psych Head, Child & Adolescent Mental Health	Adolescent depression
Drawz, Paul, MD, MHS, MS	Associate Professor, Nephrology	Clinical trials in Hypertension
Dudley, R. Adams, MD, MBA	Professor, Pulmonary & Critical Care	Measurement & improvement of health care value and outcomes
Duprez, Daniel, MD, PhD	Professor, Cardiology; Epidemiology and Community Health	HIV and CVD; Arterial Elasticity and CVD; Markers of subclinical CVD; Biomarkers and CVD
Duval, Susan J, PhD	Professor, Cardiology; Biostatistics	Meta-analysis, epidemiology of peripheral artery disease, prevention of cardiovascular diseases
Ebner, Timothy, MD, PhD	Professor and Head, Neuroscience	Normal & abnormal physiology of the motor cortex and cerebellar cortex
Eisenberg, Marla, ScD, MPH	Professor, Pediatrics	Social influences on adolescent & young adult health
Ensrud, Kristine, MD	Professor, Medicine and Epidemiology	Osteoporosis; Frailty; Sleep Disorders; Aging
Fair, Damien, PA-C, PhD	Professor, Inst. Child Development; Pediatrics	Cognitive neuroscience
Fu, Steven, MD, MSCE	Professor, General Internal Medicine Director, Center for Care Delivery and Outcomes of Research	Improving tobacco treatment in diverse and disadvantaged populations; racial/ethnic disparities in health and health care; acculturation
Garry, Daniel, MD, PhD	Professor, Lillehei Heart Institute	Stem cells; muscle disease; heart failure; regenerative medicine
Geller, Melissa, MD, MS	Professor and Division Director, ObGyn	Engineering NK Cells for Therapeutic Purposes Against Ovarian Cancer
Georgieff, Michael, MD	Executive Vice Chair and Martin Lenz Harrison Land Grant Professor, Pediatrics	Fetal/neonatal nutrition, specifically, the effects of fetal/neonatal iron nutrition and anemia on brain development & neurocognitive function.

Clinical and Translational Science Institute

Ghebre, Rahel, MD , MPH	Professor, ObGyn	Cancer Health Disparity; Global Health
Hagedorn, Hildi, PhD	Core Investigator, Psychiatry	Implementation Science; Substance Use Disorders
Harel, Noam, PhD	Associate Professor, Radiology and Neurosurgery	Ultra-high field MRI for neuromodulation
Hatsukami, Dorothy, PhD	Professor, Psychiatry and Behavioral Sciences	Tobacco addiction; treatment and regulation
Hecht, Stephen, PhD	Wallin Land Grant Professor, Lab Medicine & Pathology	Mechanisms of metabolic activation and DNA modification by carcinogens
Hering, Bernhard, MD	Executive Director, Schulze Diabetes Institute Professor, Surgery	Islet transplantation for the treatment of type 1 diabetes
Hogquist, Kristin, PhD	David M. Brown Professor and Vice Chair for Research, Department of Laboratory Medicine and Pathology	Lymphocyte Development
Hunter, Ryan, PhD	Associate Professor, Microbiology & Immunology	Polymicrobial airway infection
Ingbar, David, MD	Professor, Pulmonary and Critical Care; Pediatrics; Integrative Biology & Physiology Director, CTSI-Ed; Center for Lung Science & Health	Alveolar epithelial cell biology; Repair of the injured lung; Edema fluid clearance
Israni, Ajay, MD, MS	Nephrologist, Professor, Epidemiology and Community Health	Kidney Transplantation, Genetic Epidemiology & Health Services Research in Kidney Transplantation
Jacklin, Kristen, PhD	Professor, Family Medicine and Biobehavioral Health	Brain Health and Dementia in under-represented populations
Jameson, Stephen, PhD	Professor, Laboratory Medicine & Pathology	Homeostasis and function of T cells
Japuntich, Sandra, PhD, LP	Clinical Pathologist, Psychiatry & Medicine	Tobacco cessation treatment

Clinical and Translational Science Institute

Jenkins, Marc, PhD	Distinguished McKnight University Professor, Microbiology and Immunology Director, Center for Immunology	CD4+ T cell biology
Khariwala, Samir, MD, MS, FACS	Department Chair, Professor, Otolaryngology, Head and Neck Surgery	Tobacco-related carcinogenesis; Oral Cancer
Kunisaki, Ken, MD, MS	Associate Professor, Pulmonary & Critical Care	Lung disease; Sleep disorders; HIV
Kushner, Matt, PhD	Professor, Psychiatry and Behavioral Sciences	Alcohol use disorders with co-occurring anxiety disorders
Kyba, Michael, PhD	Professor and Lillehei Endowed Scholar, Pediatrics	Stem cells and muscle disease
Lakshminarayan, Kamakshi, MBBS, PhD, MA	Professor, Epidemiology & Community Health; Neurology Associate Professor, Department of Neurology	Stroke prevention & treatment; relation to cardiovascular disease
Lange, Carol A, PhD	Professor, Medicine and Pharmacology	Hormones and Women's Cancers
Largaespada, David A, PhD	Professor, Pediatrics	Cancer gene discovery and functional genomics
Lim, Kelvin, MD	Director for Adult Mental Health Research, Psychiatry	Neuromodulation Interventions for Mental Health Disorders
Lowe, Dawn A, PhD	Professor and Director of Graduate Studies, Rehabilitation Science Professor, Physical Therapy	Skeletal muscle biology and disease
Ludewig, Paula, PT, PhD	Division Director, Professor, Rehabilitation Medicine	Mechanisms of shoulder related injury; injury prevention; and rehabilitation
MacKinnon, Colum, PhD	Associate Professor, Neurology	Movement disorders and motor control
Mangia, Silvia, PhD	Professor, Radiology	Functional MR imaging; Neuroscience

Clinical and Translational Science Institute

Matas, Arthur, MD	Professor, Surgery - Transplant	Long-term outcomes of kidney donors and kidney recipients
McCarty, Catherine, PhD, RD, MPH	Associate Dean of Research, Family Medicine and BioBehavioral Health	Trauma; Genetic Epidemiology; Pharmacogenetics
McLoon, Linda, PhD	Professor, Ophthalmology and Visual Neurosciences; Neuroscience	Eye movement disorders: strabismus & nystagmus; extraocular muscle cell biology
Melton-Meaux, Genevieve B, MD, PhD	Professor, Surgery and Health Informatics Associate Director, IHI	Biomedical informatics; Clinical natural language processing (NLP); HIT Evaluation; Decision Support Systems
Metzger, Joseph, PhD	Professor, Department Head and Chair, Integrative Biology & Physiology	Molecular & integrative approaches to treating heart and muscle failure
Miller, Jeffrey, MD	Professor, Hematology, Oncology and Transplantation Deputy Director, MCC	NK cell biology; NK cell development; acquisition of NK cell receptors
Moran, Antoinette, MD	Vice Chair of Faculty Development and Diversity, Pediatrics	Cystic fibrosis related diabetes; type 1 diabetes prevention; diabetes in Africa
Neglia, Joseph, MD, MPH	Department Head and Professor, Pediatrics	Childhood cancer & long-term survivorship outcomes
Nielsen, Kirsten, PhD	Professor, Microbiology & Immunology	Mycology; Host-Pathogen Interactions; Infectious Diseases
Osborn, John, PhD	Professor, Surgery	Autonomic neuromodulation
Ostrander, Julie, PhD	Associate Professor, Hematology, Oncology & Transplant	Intracellular signaling mechanisms in breast cancer initiation and progression
Oz, Gulin, PhD	Professor, Radiology	MR Imaging
Panoskaltis-Mortari, Angela, PhD	Vice Chair for Research and Professor, Pediatrics Director, TL1 Program, CTSI	Tissue Engineering; GVHD; Cytokines

Clinical and Translational Science Institute

Pennell, Christopher, PhD	Associate Professor, Lab Medicine & Pathology Associate Director, MCC Director, Flow Cytometry Lab	Cancer Immunotherapy
Perlingeiro, Rita, PhD	Professor, Cardiology Professor, LHI	Skeletal Muscle Biology & Regeneration
Prasad, Shailendra, MBBS, MPH	Professor, Family Medicine & Community Health	Health Services Research; Global Health Workforce and Rural Care Delivery
Pratt, Rebekah, PhD	Associate Professor, Family Medicine & Community Health	Immigrant health disparities; cancer screening
Prins, Kurt, MD, PhD	Associate Professor, Cardiology	Molecular Mechanisms of Right Ventricular Dysfunction
Redish, David, PhD	Distinguished McKnight Professor, Neuroscience	Decision-making; behavioral neuroscience; computational psychiatry
Schleiss, Mark, MD	Professor, Pediatrics	Biology and Epidemiology of Cytomegalovirus (CMV) Infections; Animal Models of CMV Vaccines
Schwertfeger, Kathryn (Kaylee), PhD	Professor, Lab Medicine & Pathology	Macrophages in development and disease
Seaquist, Elizabeth, MD	Nesbitt Chair, Head, Department of Medicine Professor, Endocrinology & Diabetes	Diabetes complications
Simon, Gyorgy, PhD	Assistant Professor, Health Informatics	Machine Learning in Medicine
Spector, Logan, PhD	Professor, Pediatrics	Causes of childhood leukemia; hepatoblastoma, & osteosarcoma
Steer, Clifford, MD	Professor, Gastroenterology, Hepatology, and Nutrition	Regenerative Medicine; gene transfer to hepatocytes
Sultan, Shahnaz, MD, MHSC, AGAF	Professor, Gastroenterology, Hepatology and Nutrition	Colorectal Cancer Screening; Surveillance & Quality of Care; Evidence Synthesis & Systematic Reviews; Guideline Development
Tolar, Jakub, MD, PhD	Dean, Medical School Distinguished McKnight Professor, Pediatrics Professor, BMT	Gene and cell therapies

Clinical and Translational Science Institute

Vercellotti, Gregory, MD	Professor, Hematology, Oncology & Transplant	Pathophysiology of vaso-occlusion and gene therapy in sickle cell disease
Vinogradov, Sophia, MD	Department Head and Professor, Psychiatry & Behavioral Sciences	Schizophrenia, psychosis; neuroplasticity
Vitek, Jerrold, MD, PhD	Professor and Head, Neurology	Neuromodulation Therapies; Deep brain stimulation
Wagner, John, MD	McKnight Chair, Pediatrics; Director - Cell Gene and Immunotherapeutics	Hematopoietic Stem Cell Biology and Transplantation; Cell Therapies
Warlick, Chris, MD, PhD	Department Head, Associate Professor, Urology	Management of Prostate Cancer
Warry, Wayne, PhD	Professor, Family Medicine & Biobehavioral Health	Health Equity; Rural and Indigenous Cognitive Health and Dementia
Weisdorf, Daniel, MD	Professor, Hematology, Oncology & Transplant Deputy Director, CTSI	Blood and marrow transplantation, including complications, pretransplant preparation, hematopoietic stem cell sources and immunotherapy
Wendt, Chris, MD	Professor, Pulmonary, Allergy, Critical Care & Sleep Medicine	Proteomic & Metabolomic Biomarkers and Pathways of COPD
Wozniak, Jeffrey, PhD	Director for Child & Adolescent Mental Health Research, Psychiatry & Behavioral Sciences	Clinical trials in neurodevelopmental disorders
Yee, Douglas, MD	Professor, Oncology; Director, Cancer Center	Oncology

Nursing

Mentor	Department/School	Research Interest
Bliss, Donna, PhD	Professor, Nursing	Symptom & self-management support for incontinence and other chronic conditions; education simulation; health disparities
Chih-Lin Chi, PhD, MBA	Associate Professor, Nursing & Institute for Health Informatics	Machine Learning; Big Data Research; Health Informatics

Clinical and Translational Science Institute

Fulkerson, Jayne, PhD	Professor, Nursing PI and Director, CTSI TL1 Program Director, Center for Child and Family Health Promotion Research	Community-engaged Research; Family-based health promotion; Obesity Prevention
Sieving, Renee, PhD	Professor, Nursing Director, Center for Adolescent Nursing, Director, HYD-PRC	Adolescent Health

College of Pharmacy

Mentor	Department/School	Research Interest
Aldrich, Courtney, PhD	Professor, Medicinal Chemistry	Infectious Diseases
Cloyd, James, PharmD	Professor, Experimental & Clinical Pharmacology	Translational and Clinical Pharmacology of Central Nervous System Therapies
Farley, Joel, BS Pharm, PhD	Professor and Associate Head, Pharm Care & Health Systems	Pharmacy Practice; Implementation Science
Georg, Gunda, PhD	Regents Professor, Medicinal Chemistry; Director, ITDD	Medicinal chemistry; drug discovery, high throughput screening, combinatorial chemistry, chemical biology, organic & natural products chemistry, cancer, Alzheimer's disease, male contraception
Jacobson, Pamala, PharmD	Professor, Experimental & Clinical Pharmacology Director, Institute of Personalized Medicine	Immunosuppressant and anticancer drugs; human studies in PK, PD and PGx
St. Peter, Wendy, PharmD	Professor, College of Pharmacy	Pharmacoepidemiology of medications in chronic kidney disease
Stenehjem, David, PharmD	Associate Professor and Associate Department Head, Pharmacy Practice & Pharmaceutical Sciences	Oncology Outcomes research and experimental therapeutics
Tretyakova, Natalia, PhD	Distinguished McKnight Professor, College of Pharmacy	DNA and protein adducts; biological mass spectrometry

Clinical and Translational Science Institute

Zhang, Rui, PhD	Founding Chief, Decision of Health Data Science, Associate Professor, IHI	Artificial intelligence; natural language processing, clinical informatics
Zordoky, Beshay, PhD	Associate Professor, Experimental & Clinical Pharmacology	Cardio-Oncology; Therapy-induced Senescence

School of Public Health		
Mentor	Department/School	Research Interest
Beebe, Timothy, PhD, MA	Professor, Health Policy and Management Interim Dean, SPH	Survey Methodology; Health measurement; Health insurance; Healthcare access for vulnerable population
Call, Kathleen, PhD	Professor, Health Policy & Management	Equitable Access to Health Insurance and Care
Carroll, Dana, PhD, MPH	Assistant Professor, Environmental Health Sciences	Nicotine addiction in health disparity populations
Eberly, Lynn, PhD	Professor, Biostatistics Associate Dean for Faculty Affairs, SPH	Clinical trials; longitudinal studies; medical imaging; prediction/classification
French, Simone, PhD	Professor, Epidemiology and Community Health	Environmental influences on food choices and eating behaviors, with a particular emphasis on child and adolescent populations
Gaugler, Joseph, PhD	Professor, Center for Healthy Aging	Dementia Care
Jones-Webb, Rhonda, DrPH	Professor, Epidemiology & Community Health	Alcohol epidemiology and policy; health disparities
Koopmeiners, Joseph, PhD	Professor and Division head, Biostatistics	Adaptive trial design; causal inference; biomedical imaging
Kozhimannil, Katy Backes, PhD, MPA	Distinguished McKnight Professor, Health Policy & Management	Rural Health Policy

Clinical and Translational Science Institute

	Director, Rural Health Program	
Lakshminarayan, Kamakshi, MBBS, PhD, MA	Professor, Epidemiology & Community Health; Associate Professor, Neurology	Stroke prevention & treatment; relation to cardiovascular disease
Laska, Melissa, PhD, RD	Distinguished McKnight Professor, Epidemiology & Community Health	Nutrition promotion; food insecurity; food access; excess weight gain
Luo, Xianghua, PhD	Professor, Biostatistics	Survival analysis; clinical trials
MacLehose, Richard, PhD	Professor, Epidemiology & Community Health	Epidemiologic Methods; Bias analysis; Study design
Mason, Susan, PhD	Associate Professor, Epidemiology & Community Health	Social epidemiology; Maternal and child health
Neumark-Sztainer, Dianne, PhD, MPH	Professor and Division Head, Epidemiology & Community Health	Prevention of weight-related problems in youth and families from diverse backgrounds
Nikpay, Sayeh, PhD, MPH	Associate Professor, Health Policy and Management	Health policy issues related to the health care safety-net and the targeting of hospital safety-net subsidies
Osterholm, Michael, PhD, MPH	Regents Professor, Environmental Health Science; Director, CIDRAP	Infectious Disease; Epidemiology & Pandemics
Osypuk, Theresa, ScD, MS	Associate Professor, Epidemiology & Community Health	Social Epidemiology; Health equity and geolocation
Pan, Wei, PhD	Professor, Biostatistics	Statistical genetics; machine learning; precision medicine
Ramirez, Marizen, PhD, MPH	Professor, Environmental Health Sciences Director, Midwest Center for Occupational Health and Safety	Injury and Violence Prevention

Clinical and Translational Science Institute

	Associate Dean for Research, School of Public Health	
Rosser, B.R.Simon, PhD, MPH	Professor, Epidemiology & Community Health	Sexual health, Health disparities of LGBT; HIV, Cancer
Rudser, Kyle, PhD	Professor, Biostatistics	Design, monitoring, & analysis of clinical trials; survival & analysis; nonparametric approaches
Sherwood, Nancy, PhD	Professor, Epidemiology & Community Health Co-director, Healthy Weight Research Center Director, CTSI-Ed Pre-K Discovery Scholars Program	Healthy Weight Intervention Science
Shippee, Tetyana Pylypiv, PhD	Associate Professor, Health Policy and Management	Aging; equity; long-term care quality
Slaughter-Acey, Jaime, PhD	Assistant Professor, Epidemiology & Community Health	Health Equity; Racism & Social Epidemiology; Maternal & Child Health

College of Science and Engineering

Mentor	Department/School	Research Interest
Arriaga, Edgar, PhD	Professor, Chemistry	Single cell and organelle systems
Barocas, Victor, PhD	Professor, Biomedical Engineering	Tissue architecture; Biomechanics and signal transduction
Bischof, John, PhD	Distinguished McKnight Professor, Mechanical Engineering	Thermal bioengineering focused on biopreservation; thermal therapy & nanomedicine
Carlson, Erin, PhD	Associate Professor, Chemistry	Bacterial Communication Mechanisms; Antibiotics

Clinical and Translational Science Institute

Dudley, R. Adams, MD, MBA	Professor, Pulmonary & Critical Care	Measurement & improvement of health care value and outcomes
Lock, Eric, PhD	Associate Professor, Biostatistics	Statistical methods for 'omics data
Erdman, Arthur, PhD	Professor, Mechanical Engineering	Medical Device R&D
Knights, Dan, PhD	Associate Professor, Computer Science and Engineering	Computational Biology
Kumar, Vipin, PhD	Professor, Computer Science and Engineering	Data Mining and Bioinformatics
Luo, Xianghua, PhD	Professor, Biostatistics	Survival analysis, clinical trials
Myers, Chad, PhD	Professor, Co-Director of Graduate Studies, Computer Science and Engineering	Computational biology; bioinformatics; biological networks
Odde, David, PhD	Professor, Biomedical Engineering	Cell and Molecular Bioengineering; mechanotransduction
Ogle, Brenda, PhD	Professor and Department Head, Biomedical Engineering Director, Stem Cell Institute	Cardiovascular regeneration
Pierre, Valérie, PhD	Associate Professor, Chemistry	Inorganic chemistry applied to bacterial siderophores and antimicrobial activity

Minneapolis VA Health Care System

Mentor	Department/School	Research Interest
Krebs, Erin, MD, MPH	Chief of General Internal Medicine; Core Investigator, Center for Care Delivery and Outcome Research	Chronic pain; primary care; comparative effectiveness; pragmatic trials

Clinical and Translational Science Institute

Veterinary Medicine

Mentor	Department/School	Research Interest
Aliota, Matthew, PhD	Associate Professor, Veterinary and Biomedical Sciences	Arboviruses; Emerging infections; Animal Models
Boris-Lawrie, Kathleen, PhD	Professor, Veterinary and Biomedical Sciences	Retrovirus-host interactions
Carlson, Cathy, DVM, PhD	Professor, Veterinary Clinical Sciences	Osteoporosis; Osteochondritis
Conzemius, Michael, DVM, PhD	Professor, Veterinary Clinical Sciences	Spontaneous models of arthritis and pain
Kassie, Fekadu, DVM, PhD	Associate Professor, Veterinary Clinical Sciences	Lung tumorigenesis; lung cancer prevention
Ly, Hinh, PhD	Professor, Director of Graduate Studies, Veterinary and Biomedical Sciences	Arenavirus biology & hemorrhagic fevers
McCue, Molly, DVM, PhD	Professor and Associate Dean of Research, Veterinary Population Medicine	Naturally occurring genetic models of disease
Modiano, Jaime, VMD, PhD	Professor, Veterinary Clinical Sciences Director, Animal Care and Research Program	Cancer Causation; Cancer Immunology
Patterson, Ned, PhD, DVM	Professor, Veterinary Clinical Sciences	Comparative Medicine; Seizures and Genetics
Walcheck, Bruce, PhD	Professor, Veterinary and Biomedical Sciences	Leukocyte biology

Hennepin Healthcare

Mentor	Specialty & Focus	Research Interest
Baker, Jason, MD, MS	Division Director, HIV Medicine, Infection Diseases	Clinical trials in HIV and COVID

Clinical and Translational Science Institute

Busch, Andrew, PhD, LP	Clinical Pharmacology	Clinical trials; smoking cessation; depression treatment; psycho-cardiology
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