

NeuroArts Network @ the University of Minnesota ~ 2025

Photo

Menal Abdella, BA is a Staff Scientist in the biomedical engineering dept. w/special interest in Cancer, immunology, Health equity, DEI

Pronouns (optional)

abdel188@umn.edu

Photo

Dr. Ivan Alekseichuk, Ph.D. is affiliated w/the U of M's BME department w/special interest in Visual neuroscience and data visualization.

Pronouns (optional)

ialeksei@umn.edu

Photo

Dr. Elisabet Ampudia Mesias, PhD works in the Pediatrics Dept at the U of MN w/special interest in how music triggers a release of second messenger and activates an immune response to heal. She is currently doing research on music in the realm of NeuroArts.

Pronouns (optional)

ampud001@umn.edu



Lauren Andreu, LMSW, a Social Worker & Artist working with One Columbia for Arts and Culture as their Public Artist in Residence. Lauren's interests include community interventions related to spirituality and the arts especially with those who suffer from long term mental disturbances such as depression, anxiety, PTSD, bipolar and addiction w/a particular interest in transpersonal perspectives.

Pronouns (optional)

lauren@laurenandreu.com

Photo

Dr. Zeynep Basgoze, PhD & MSc in Cognitive Sciences, BA in Philosophy (graduated with Art & Copywriting Certificates) works in Psychiatry and Behavioral Sciences @ the U of MN Medical School. Dr. Basgoze is currently involved in "Creativity Camp 1&2", "Imagination Central", National Endowment for the Arts, to develop ways to measure and foster creativity in adolescents as they develop into their best selves. Dr. Basgoze is interested in adult and adolescent mental health, emotion and attention mechanisms in the brain, philosophy of art and how art perception changes with mortality salience.

Pronouns (optional)

bagze001@umn.edu

Photo

Sarah Bowman, MS, LMFT, ATR-BC, artist w/keen interest in Social media and mental health.

sarah.bowman.pottery@gmail.com

Pronouns (optional)

Photo

Kit Breshears, MM, MS, Communications Director & Instructor at Bakken Center for Spirituality & Healing. Kit is interested in the social media and mental health side of NeuroArts.

Pronouns (optional)

kit@umn.edu

Photo

Kristen Brogdon, MA, Director of Artistic & Community Programs at Northrop & UMN. Northrop commissions new works in dance and music that further knowledge in these art forms. No current commissions in this research area, but there is potential for the future.

Pronouns (optional)

kbrogdon@umn.edu

Photo

Blair Brown, BA Psychology, is a Clinical Research Coordinator /RA at UMN Dept. of Psychiatry. Blair is interested in psychopathology (depression, anxiety, eating disorders, and more), intersection of social justice and psychology related to treatment and counseling, and art-based interventions for adults and adolescents.

Pronouns (optional)

brow6522@umn.edu

Photo

Molly Manko, BA, Community Relations Program and Event Manager at Bakken Center for Spirituality & Healing.

Pronouns (optional)

manko@umn.edu

Photo

Tammy Butterick, MS, PhD, Health Scientist and Vice Chair, Subcommittee on Research Safety Environmental Exposure Research e, Mpls VA Health Care System, Adjunct Associate Professor in Depts of Neuroscience & Food Science and Nutrition, U of MN Scientific Advisory Committee, Co-Chair Burn Pits 360 Veterans Organization. Tammy works in Neuroscience and FScN @ the U of MN w/a particular interest in physical activity and diet in improving cognitive function.

Pronouns (optional)

butte017@umn.edu

Photo

Dongming Cai, MD, PhD, Professor, Director in AA. Dongmeng is currently working in the field of Neurodegenerative disorders, translational research to develop novel therapies and biomarkers for disease detection, NIA. Dongmeng is interested in basic and translational research to better understand disease mechanisms, develop novel therapies and biomarkers for early detection, clinical research development (e.g. clinical trials): Alzheimer's disease and related dementia.

Pronouns (optional)

cai00268@umn.edu

Photo

Sherry Chesak, PhD, RN, Director, Center for Flourishing Health Care Communities; Clinical Professor in UMN School of Nursing. Currently, Sherry is conducting an R01 w/colleagues at Mayo which is assessing wellbeing among nurses and identifying a predictive model of RN burnout through multiple factors at the individual, unit, and environmental levels through AI. Their next study will be an interventional study, and it is anticipated that they will incorporate arts in one of their future interventions. Also, Sherry is incorporating arts in the programming she is conducting through her newly formed center on the UMN Rochester campus: Center for Flourishing Health Care Communities. Sherry's key area of focus is engendering flourishing among health care students, faculty, and clinicians in the communities they learn and work in by studying the intersection of the individual with the environment and influencing those interactions from multiple angles at all levels: individual, team, unit, organization, and system.

Pronouns (optional)

chesa005@umn.edu

Photo

Grace Conchas, Au.D., Post-Doctoral Fellow; Audiologist in Biomedical Engineering @ the U of MN. Grace is currently working w/Integrative health and neuromodulation; T32 NIH funding. Looking to evaluate neuromodulation treatment methods for lower back pain, tinnitus, depression, and how integrative medicine can complement the biotechnology piece by possibly increasing treatment outcomes and compliance to treatment. Her interests are in neuromodulation, diverse human subject population and health equity.

Pronouns (optional)

buchh123@umn.edu



Kathryn Cullen, M.D., Professor in Psychiatry and Behavioral Sciences @ the U of MN. Kathryn is currently involved in:

1 -Research Lab on the Arts, Creativity, Cognition, and Learning

Source: National Endowment for the Arts

Aims: Examining mechanisms and processes of creative arts engagement in adolescents.

2-Title: Imagination Studio: Piloting the feasibility and mechanisms of a novel participatory arts intervention for college students with depression

Source: The President's Initiative on Student Mental Health and the Masonic Institute for the Developing Brain, University of Minnesota

Aims: To test an arts-based intervention for college students with depression.

3-Title: Creativity and inspiration as an intervention to promote mental health and resilience in young adults in Japan

Source: Center for Global Health and Social Responsibility

Aims: Piloting a creativity and wellbeing class for students in Japan

4-Title: Arts Education Grant

Source: Minnesota State Arts Board

Goals: Examining the impact of an arts-education intervention on depression for adolescents. She is interested in Adolescent brain development, adolescent depression, creativity, creative arts engagement, neural flexibility, ways to measure imaginative thinking.

She is interested in Adolescent brain development, adolescent depression, creativity, creative arts engagement, neural flexibility, ways to measure imaginative thinking.

Pronouns (optional)

rega0026@umn.edu

Photo

David Darrow, MD, Assistant Professor in Neurosurgery at the U of MN. Current work includes research in chronic pain and is also interested Parkinson's, electrophysiology, psychiatry and behavioral modeling.

Pronouns (optional)

darro015@umn.edu

Photo

Connie Delaney, PhD, RN, FAAN, FACMI, FNAP, Professor & Dean @ U of MN's School of Nursing. She is interested in Informatics/data and artificial intelligence coupled with integrative health & healing, consciousness and purpose.

Pronouns (optional)

delaney@umn.edu

Photo

Rachel Dick, BA, PhD student @ U of MN's Medical School, interested in Cellular neurobiology of schizophrenia, with a focus on disconnection in the prefrontal cortex.

Pronouns (optional)

dick0678@umn.edu



Cash Differding, BS, works in U of MN's Psychiatry Dept. researching neuromodulation for treatment-resistant depression. Is also interested in anxiety disorders, neurodiversity, gender and sexuality, and increasing accessibility and equity in the field. Personal and academic experience with trumpet and piano performance and composition.

Pronouns: He/They
diffe015@umn.edu

Photo

Colleen Doyle, PhD, LP, MFA, Assistant Professor, Licensed Clinical Psychologist in the U of MN's Dept of Psychiatry. Colleen is interested in obtaining MFA in poetry and poetics, interested in resources and connections w/others who leverage creative arts in mental health treatment contexts.

Pronouns (optional)
doyle291@umn.edu

Photo

Celia Durkin, PhD, from the Center for Biomechanical Engineering. Currently working on a study on art practice as depression treatment. Interested in the combining of creativity and depression.

Pronouns (optional)
durki056@umn.edu

Photo

Hafsa Farooqi, PhD, Systems, control and optimization, Postdoctoral Research Associate in the field of Biomedical Engineering @ the U of MN.

"Since 2019, I have been doing my post-doctorate in neural engineering. My research work has been mostly centered around optimization of deep brain stimulation parameters for different neurological disorders such as Parkinson's disease, epilepsy and patients suffering from spinal cord injuries and chronic pain. I am also interested and involved in computational modeling of the brain. I am training and interested to build up skill sets which can help understand the functioning of the brain through computational techniques. One fundamental question I am interested in exploring is

how and if different well-being and spiritual practices can affect the plasticity of the brain and impact it positively or in some cases negatively."

Pronouns (optional)

faroo039@umn.edu

Photo

Nik Fernholz, Director/Manager of Institute on Community Integration, currently working on The Stephanie Evelo Program for Art Inclusion, programming for artists with intellectual and developmental disabilities. Nik is interested in Community based inclusion opportunities of adults with disabilities in the art field.

Pronouns (optional)

fern0104@umn.edu



Image by Bill Cameron

Carl Flink, Professor. The Nadine Jette Sween Professor of Dance and Dance Program Director in the Theatre Art & Dance Dept., CLA @ the U of MN. I am also the artistic director of Black Label Movement, a leading contemporary dance company in the Twin Cities. I have been in a now 14 year collaboration with UMN biomedical engineering professor David Odde called the Moving Cell Project, which has multiple funding sources, including the National Cancer Institute. The primary activity of the Moving Cell is our Bodystorming system, which is a rapid modeling system for scientific research employing human movers, choreographic strategies and space.

Research Interests: The primary goal of the Moving Cell Project is to promote substantive, collaborative and reciprocal research between artists and scientists. It is our experience that most science art collaborations focus on how artistic practices can help scientists communicate their research to the general public in understandable ways. This is an admirable activity, however we think it doesn't address the potential for substantive, two-way research between artists and scientists. In recent years, we have been working on how our Bodystorming System can be used to bring practitioners, administrators and even patients into the medical research process to create holistic research community that allows patients and their advocates to be a part of the process rather than simply end of process recipients of medical systems.

Pronouns: He/Him

blacklabelmovement.com

[Bodystorming Webpage](#)

TED Talks: [A Modest Proposal: Dance v. Powerpoint \(2011 TEDxBrussels\)](#), [If Truths Is Beauty Can Art Be Science \(TEDMED 2013\)](#), [Let's Talk About Sex \(TED Full Spectrum 2012\)](#), [A Dream of Touch When Touch Is Gone \(2020 TEDxMinneapolis\)](#)

flink003@umn.edu

Photo

Russell Funk, PhD, Associate Professor; Edward and Eleanor Asplin Endowed Faculty Fellow in Ethical Cultures @ Carlson School of Management, U of MN. "My current research in this area focuses on identifying ways to use music, especially classical, to promote mindfulness. I am especially interested in using music and mindfulness to help individuals cultivate greater awareness of self, their contexts, and others, and in so doing, to make more ethical decisions in the context of business. I recently received seed funding from an internal University of Minnesota grant to explore these ideas in a study, "Cultivating Ethical Minds: Tools for Enhancing Awareness of Self, Others, and Context in Business." I am planning to apply for extramural funding to help support this work, likely this summer."

My primary area of expertise is in the study of creativity and innovation, especially in organizational settings like businesses. I am particularly interested in factors that foster creative thinking and discovery in these settings. My research has often been guided by a sociological lens, exploring how social networks, teams, and collaborative processes shape the genesis and development of innovative ideas. More recently, I have become increasingly focused on the cultural and psychological dimensions of creativity. I am especially interested in how cultural artifacts like music generally can cultivate mindfulness and support social contexts that stimulate individual creativity. I also have interests in the field of behavioral ethics, and in parallel, am interested in how the arts (especially music) can be used to help individuals cultivate greater awareness of self, their contexts, and others, and in so doing, to make more ethical decisions.

Pronouns (optional)

rfunk@umn.edu

Photo

Geoffrey Ghose, PhD, Professor in the fields of Neuroscience, Psychology, Radiology. Most of Geoffrey's research is vision related, and trying to understand how attention, or the lack of it, affects how we view things. Interested in attention, learning, perception.

Pronouns (optional)

ghose@umn.edu

Photo

Shikha Goodwin, Phd, Engineering Manager. Current NeuroArts Research: Underlying. Interested in Connections, previous knowledge and skills.

Pronouns (optional)

Cuteshikha@gmail.com

Photo

Mary Guzowski, Professor @ School of Architecture, U of MN. Currently working on Grant #1: Love, Alan (PI); Snell-Rood, Emilie. (PI, subaward); Borrello, Mark; Guzowski, Mary; Shaw, Ruth; Roehrig, Gill;

Travisano, Mike (Co-PIs subaward); Rossi-Mastracci, Jessica and Weber, William (Senior Personnel). "Agency,

Directionality, and Function: Foundations for a Science of Purpose". John Templeton Foundation; PI: Alan Love. \$15,068,037; Emilie Snell-

Rood: Subaward: "Function in Biology and Bio-Inspired Design". \$500,000; 2021-2024.

Aim of Research: The project brings together a team of biologists, architects, and landscape architects to explore bio-inspired and biophilic design strategies to support health and well-being for people, other species, and the planet. A pilot design project in the Ecology Building on the St. Paul Campus is being used to test the translation of bio-inspired (nature-based) strategies into building and landscape interventions.

Grant #2: Guzowski, Mary (PI); Interrante, Victoria; Weber, William; Graves, Richard; Handeen, Dan; and Travisano, Michael. "Bio-Inspired Daylighting as a Design Driver for Sustainable Performance," UMN Digital Design Center. \$36,000; 2024-2025. Aim of

Research: This project investigates the health and sustainability benefits of a bio-inspired approach to daylighting design using integrated Virtual Reality (VR) and advanced computational design tools to leverage simultaneous environmental, ecological, and health benefits. Interested in Biophilic Design; Bio-inspired Design; Daylighting, Net-Positive, Carbon Neutral Architecture.

Pronouns (optional)

guzow001@umn.edu

Photo

Corinne Hamlin, Research Navigator @ CTSI. Currently working with a wide variety of researchers interested in these areas. I am a Research Navigator in CTSI and help direct researchers, students, and community members to different resources, including research teams and studies.

Pronouns (optional)

riop0016@umn.edu

Photo

Brittany Hartwell, PhD, Assistant Professor, BME @ U of MN. Currently, research in immunoengineering focuses on developing next generation vaccines and immunotherapies by directing the immune response (ex intranasal COVID vaccines). For this research area in particular, it's important to improve public understanding of vaccines to enhance 'uptake' (compliance) with immunization efforts. Using a recent example, over 50% of COVID deaths have occurred since COVID vaccines became available, not because the vaccines were not effective, but because people did not take the vaccine, largely due to mistrust or misinformation. Thus, I am generally interested in using art to more effectively and creatively communicate science with the public, while concurrently using science (esp biomedical imagery) to inspire new and meaningful art. This work is not yet funded but I am pursuing it as the broader impacts portion of an upcoming NSF CAREER proposal. The Hartwell Immunoengineering Lab combines perspectives from biomolecular engineering, drug delivery, and immunology to develop antigen-specific immunotherapies and vaccines for applications in autoimmunity or

chronic inflammatory diseases, cancer, and infectious disease. Our research focuses on the design and development of molecules that achieve targeted and controlled modulation of the immune system in an antigen-specific manner, directing the immune response towards tolerance (for applications in autoimmunity and chronic inflammation) or immunogenicity (for applications in cancer and infectious disease). Our rational molecular design approach is motivated by knowledge of inherent transport and cellular mechanisms, with a particular focus on targeting the mucosal immune system. The development of molecules capable of targeting the immune system in a specific manner will address a pressing need for safer and more effective disease interventions across multiple disease settings, ranging from autoimmune diseases like MS to infectious diseases like COVID-19.

Pronouns (optional)

bhartwel@umn.edu

Photo

Amy Hewitt, PhD, Director/Professor @ Institute on Community Integration/Educational Psychology/College of Education and Human Development. "No current research, however, we run an inclusive art program for artists with intellectual and developmental disabilities." Amy is interested in Art as employment for persons with IDD, art and its connection to emotion and communication with persons with IDD.

Pronouns (optional)

hewit005@umn.edu

Photo

Yu-Hui Huang, MD, MS, MS, Adjunct Faculty @ U of MN Dept of Radiology; University of Illinois at Chicago Graduate Biomedical Visualization Program. Currently working w/benefits of 3D printed anatomic models and guides in pediatric neurosurgery and otolaryngology; Radiological Society of North America 3D Printing Special Interest Group Grant; Evaluate clinical benefits of medical 3D printing for patient/family education, discussion with the healthcare team, treatment planning and patient outcome. Formally trained in Biomedical Visualization and Clinical Anaplastology for facial prosthetic rehabilitation, I am completing Diagnostic Radiology and Nuclear Medicine training followed by Neuroradiology fellowship this year. I seek to combine art, medicine and technology, specifically advanced imaging and visualization techniques, to enhance patient care and outcome.

Pronouns (optional)

huan2098@umn.edu

Photo

Farha Ikramuddin, MD, MHA, Associate Professor in Rehabilitation Medicine. Currently, involved in 2 studies as a PI, LUCAS study with Hubert Lim, where we are stimulating the Vagus nerve using a non invasive US device in Long COVID patients. This is a DoD grant.

The second study where we still recruiting is Diaphragmatic Dysfunction study for Long COVID patient where we are providing specific rebreathing and stretching exercises. We had applied for R34 using Qigong meditation for Long COVID patients, this was accepted due to lack of preliminary data. Interested in Stroke patients, following their

acute phase to enhance recovery using the NeuroArts. I am also interested in Long COVID patients' population intervention using NeuroArts.

Pronouns (optional)

IKRAM002@UMN.EDU

Photo

Shanie Jayasinghe, Ph.D., Assistant Professor @ U of MN Medical School. Interested in Role of sensory feedback and cognition on movement in older adults and stroke survivors.

Pronouns (optional)

jayas045@umn.edu



Kevin Jiang, Graduate Student in the Dept. of Biomedical Engineering, College of Science and Engineering, studying the effect of paired stimulation and whole-person health on pain and hearing. Interested in studying how art and science can synergize to better health.

Pronouns (optional)

jian0767@umn.edu

Photo

Virginia Kaczmarek, Development Officer at the Bakken Center for Spirituality & Healing Development Support for NeuroArts.

Pronouns (optional)

virginia@umn.edu

Photo

Bonnie Klimes-Dougan, Ph.D., Professor in Psychology/CLA @ U of MN. Currently working w/Creativity as an Alternative Intervention for Depression in Adolescents and Young Adults (series of studies funded by MNdrive, etc.) Interested in Adolescent Depression, Inflexible Patterns of Negative Thinking.

Pronouns (optional)

klimes@umn.edu

Photo

Becky Krenz, MA, LMFT, Licensed Marriage and Family Therapist. No current research. Past research in expressive arts therapy. I am a psychotherapist and ecotherapist who has also been training in dance/movement therapy. I work creatively with clients at the intersection of the arts (dance) and nature to increase mental health outcomes and overall wellbeing. I have a potential interest in partnering with researchers to validate and document the positive impacts of incorporating these elements into mental health and wellbeing work.

Pronouns (optional)

bkrenzroelmft@gmail.com

Photo

Gordon Legge, Professor in Psychology, Center for Applied and Translational Sensory Science (CATSS). Currently working on Sensory impairment with an emphasis on vision impairment. Interested in Vision science with an emphasis on low vision: Accessibility of art, museums, etc for people with impaired vision.

Pronouns (optional)

legge@umn.edu



Alana Lieske, BS, Manager of the MnDRIVE Non-invasive Neuromodulation Laboratories and the Neuromodulation Hub at the Masonic Institute for the Developing Brain. I support adult and pediatric clinical trials using non-invasive brain stimulation to measure and modulate human brain activity to improve our understanding of various psychiatric and neurological clinical populations. In my personal life I enjoy ceramics, mindfulness, singing, playing guitar, and gardening. I have an interest in supporting new research ideas that combine non-invasive brain stimulation and the arts, and assisting with community events and outreach.

Pronouns: she, her, hers

liesk019@umn.edu

Photo

Katherine Lindsay, BA Music (Voice Performance, Ethnomusicology); Vocology Cert; Professional Musician in the Twin Cities and Administrative Director @ Institute for Engineering in Medicine. "Personal interest in music therapy (mother and brother are professionals - I've gone with them to perform in nursing homes, churches and schools since I was a child); I've conducted graduate level research at the Lions Voice clinic on singers with Dr. DD Michael as part of my Vocology certificate on singer voice quality and Parkinson's Disease in Speech Language Hearing Sciences with Dr. Peter Watson. I am also a certified voice teacher through the School of Music at UMN."

"I would love to collaborate, brainstorm or 'jam' on anything involving the human voice. I am also helping form Twin Cities STEM with the Office of Equity & Diversity and OIC of America based on Calvin Mackie's STEM NOLA model."

Pronouns (optional)

linds059@umn.edu

Photo

Rebecca Manthe, MA, Mental Health Practitioner, Intuitive Therapy & Consulting. Rebecca is a recent graduate from the Adler Graduate School in Minnetonka, MN with an MA in art therapy and marriage and family therapy, working toward LMFT licensure and ATR certification. Specialties and additional certifications are in nature-based expressive arts therapy and climate aware therapy. My current practice includes people with ADHD, ASD, OCD, PTSD, chronic illness, digestive disorders, anxiety, depression, grief, loss, and relationship issues. Rebecca is moving her practice towards rural communities, agricultural and regenerative agricultural communities, and climate related

distress. She integrates nature-based therapies, expressive arts therapy, and climate aware therapy practices with polyvagal theory, interpersonal neurobiology, and the expressive therapies continuum frameworks. Research interests are the intersection of regenerative agriculture, nature conservation, climate change, and the arts. I am interested in contributing to the University of Minnesota's NeuroArts program in any way that ...

Pronouns (optional)

becca@intuitivetherapyclinic.com

Photo

Matthew Maple, MBS, Research Professional 2 in Psychiatry @ U of MN Medical School. Lab manager for the Herman-Darrow lab which is a joint Psychiatry and Neurosurgery lab.

Pronouns (optional) he/him/his

maple036@umn.edu

Photo

Braden Maxwell, PhD, Doctor in the Department of Psychology. Currently working on research to understand how people hear complex stimuli like speech and music. Interested in Neuroscience, music, music theory, psychoacoustics, psychology, hearing.

Pronouns (optional)

maxwe318@umn.edu

Photo

Michele Mazzocco, PhD, Professor at Institute of Child Development/CEHD. Studied individual differences in mathematical thinking/numerical processing, and persistent mathematics learning difficulties in neurotypical or neurodiverse populations. Not currently engaged in research that falls under this category, but interested in pursuing research on the associations between dance and proportional reasoning/mathematical thinking.

Pronouns (optional)

mazzocco@umn.edu

Photo

Brian McAdams, M.A. Linguistics of Language processing in the brain. Ph.D. Neuroscience; Sr Scientist in Dermatology Dept. "Currently working on collaborations on innate immune cells and peripheral innervation in skin. After years of study in sensory innervation and its changes in development, aging and disease, I am interested in how such knowledge may aid development of novel therapeutic interventions for individuals in need, but where common treatments have been ineffective. For example, where cutaneous innervation is lost or diminished, it may be possible to influence remaining neuroimmune interactions by untapped methods to accomplish therapeutic benefits. The aesthetic and cellular mechanisms could be explored through the support of collaborations in the NeuroArts Network."

Pronouns (optional)

mcada006@umn.edu

Photo

Abby Metzler, MD, Assistant Professor of Neurology @ U of MN Medical School. Currently working on COVID BRAIN study. Interested in the topic of headaches.
Pronouns (optional)
Ametzler@umn.edu

Photo

Monique Montenegro, BFA, MD, Assistant Professor of Neurology @ U of MN. Interested in headaches, neuromodulation, low pressure headaches (CSF venous fistula), diversity in medicine.
Pronouns (optional)
Monte467@umn.edu

Photo

Ziad Nahas, MD, Professor, Executive Vice Chair of Psychiatry in Psychiatry and Behavioral Sciences. Research is focused on neuromodulation and treatment-resistant depression. A unique focus on interoception (developing research). Personal interest in the Arts. Artist with a primary focus on painting.
Pronouns (optional)
znahas@umn.edu

Photo

Sue Nankivell, BA, Director, Business Development and Community Relations @ Earl E. Bakken Center for Spirituality & Healing.
Pronouns (optional)
sue@umn.edu

Photo

Eric Newman, Member, Colleagues Advisory Board, Weisman Art Museum, Professor in Neuroscience @ U of MN Medical School. Interested in functions of glial cells, regulation of blood flow in the brain.
Pronouns: he
ean@umn.edu

Photo

Huong Nguyen, PhD, MSW, MA, Clinical Associate Professor @ School of Nursing, U of MN. Currently working on How real life stories of awakened people facilitate readers' expanded sense of self and world. Interested in 1. The direct transmission of awakening energy through memoirs, autobiographies, and the teachings of awakened masters. 2. Arts as the means to express and transmit awakening power.
Pronouns (optional)
nguy4786@umn.edu



Cherie O'Neill, EdD, FACS, NBC-HWC, PAPHS, CHWC, EP-C, Director/Associate Professor @ Bakken Center for Spirituality & Healing. Current work includes Rethorn ZD, Pettitt RW, Dykstra E, Pettitt, CD. (2020) Health and wellness coaching positively impacts individuals with chronic pain and pain-related interference. PLOS ONE 15(7): e0236734. <https://doi.org/10.1371/journal.pone.0236734>

No funding. Interested in Health coaching as an integrative health intervention to increase utilization of biomedical devices is a potential. Health coaching and the arts/movement for creating long-term behavior change.

Pronouns (she/her)

cherie@umn.edu

Photo

David Odde, PhD, Professor in Department of Biomedical Engineering @ the U of MN.

"See Oddelab.umn.edu

Pronouns (optional)

Oddex002@umn.edu

Photo

Andrew Oxenham, PhD, Distinguished McKnight University Professor in Depts. of Psychology, Otolaryngology, CATSS. Interested in Auditory and speech perception, music perception, hearing loss, cochlear implants.

Pronouns (optional)

oxenham@umn.edu

Photo

Lisa Philander, PHD, Horticultural Curator for Bakken Center for Spirituality and Healing. Currently working on the power of healing gardens. Interested in ethnobotany and ethnomedicine.

Pronouns (optional)

lisaphilander@gmail.com

Photo

Paolo Provenzano, PhD, Professor in Biomedical Engineering and Dept of Medicine (Div. of Hematology, Oncology, and Transplantation) Current work includes Cancer Research, funded by NIH and American Cancer Society. Expert in imaging, cancer bioengineering.

Pronouns (optional)

pprovenz@umn.edu

Photo

Karina Quevedo, PhD LP, Professor in Dept of Neuroscience @ U of MN. Interested in Self-processing neural substrates, suicide prevention and neuromodulation.

Pronouns (optional)

queve001@umn.edu



K.E. Rajcic, PhD candidate Design graduate program , CDES @ U of M. M.A. Design, Multidisciplinary designer and practicing mixed media artist, MDE Licensed K-adult Visual Arts and Media Arts Teacher, Perpich Center for Art Education-Regional Arts Teacher leader, 20 years teaching community education arts classes including pottery, fiber art, sculpture, drawing to Pk-adult. Public art installation work as both artist and organizer. Certified IAYT Yoga Therapist since 2016 and E-RYT 500, ERYT and multiple certifications in somatic yoga, expressive dance and movement modalities, meditation and sound therapy. Interests include: The somatic perspective as a basis for aesthetic experience. Current research seeks to evoke creativity in controlled ways to understand which patterns or pictures reveal the creative nature of mind, for generating perceptions and conceptions.

Photo

David Redish, PhD, Professor in Dept Neuroscience @ U of MN. I have extensive research working on questions of cognition, psychiatry, social norms and moral codes, all of which relate to artistic questions as well.

Pronouns (optional)R

redish@umn.edu

Photo

Julia Robinson, PhD Architecture, Professor(soon to be Emeritus) @ College of Design, School of Architecture. Current work includes Investing with North Minneapolis, Architecture of Institution & Home. Interested in how architecture communicates attitudes and cultural ideas

Pronouns (optional)

robin003@umn.edu

Photo

Emily Rodriguez, MS, M, Consortium . Currently Senior Fellow with the Dana Career Network for Neuroscience and Society, interested in neuroscience/art intersections, Neuroart, neuroethics, mental illness, bioethics, disorders of consciousness, interdisciplinary work between biology/medicine and the arts/humanities.

Pronouns (optional)

rodr1111@umn.edu

Photo

Gerardo Rodriguez Orellana, PhD in Biomedical Engineering, focused in Neural Engineering. Doctor in Biomedical Engineering Department. Currently working on Decoding neural activity in response to ultrasound. Interested in Neuroart, neuroethics,

mental illness, bioethics, disorders of consciousness, interdisciplinary work between biology/medicine and the arts/humanities.

Pronouns (optional)

rodr1111@umn.edu

Photo

Kapil Saxena, PhD, Doctor in Dept of Mechanical Engineering, working with brain manipulation but interested in mind. We can record from whole cortex while animal is performing a task. In future we can do a PTSD model and see if the therapy help in any way to recover.

Pronouns (optional)

ksaxena@umn.edu

Photo

Kari Schlone, B.F.A., Executive Director of Northrop. I am on the board of MN Citizens for the Arts, the organization that oversees Creative MN. Creative MN is a study that looks at the impact of the arts in MN, mainly with a focus on education and economic impacts. I wonder if wellbeing might be a logical next step.

Pronouns (optional)

kschlone@umn.edu

Photo

Laurel Schuck, B.S. in Neuroscience from UMN. Tissue Clearing and Imaging Specialist at Neuroscience Department of the Medical School (University Imaging Centers). Laurel works for the UIC and has expertise in light microscopy (especially confocal and light sheet) as well as tissue clearing. Both are great tools for visualizing biology and collecting both quantitative and qualitative data. Check out the UIC website for more info: uic.umn.edu

Pronouns: they/she

schuc099@umn.edu

Photo

Tate Shannon, BME @ U of MN. Work includes Tissue Engineering: Regenerative cardiovascular grafts. Interested in Tissue engineering, music performance.

Pronouns (optional)

shann307@umn.edu

Photo

Hiba Sheheitli, PhD, Assistant Professor in Departments of Neurology and Psychiatry. Currently working on Neuromodulation for treatment resistant depression and Parkinson's disease. Expert in dynamical systems theory and can contribute by applying tools of nonlinear dynamics for data analysis and mathematical modeling in the study of neural or behavioral data.

Pronouns (optional)

shehe003@umn.edu

Photo

Francis Shen, JD, PhD, Professor of Law, Faculty Member, Graduate Program in Neuroscience at U of MN Law School. Current work includes running a new Dana Foundation Career Network in Neuroscience & Society, which includes promoting careers at the intersection of neuroscience and arts: neuroXcareers.org. Interested in Neuroscience and society, neurolaw, neuroethics.

Pronouns (optional)
fxshen@umn.eduB71

Photo

Jenzi Silverman, PhD, MA, ATCL, certs in Medicine for Musicians and Integrative Therapies and Healing Practices. Instructor, University of Minnesota Earl E Bakken Center for Spirituality & Healing. Main interest is the powerful connection between music, brain health, and overall wellbeing -- and in general, the connection between creative arts and wellbeing. Populations of interest include college students, seniors, people with disabilities, and critical-care patients. I am also very interested in DEI in the field of NeuroArts: how to ensure any research and practice lifts up and helps people of color and those from other marginalized groups. Would love to connect and collaborate with any of you who also work at the intersection of music, neuroscience, and wellbeing.

Pronouns (optional): she/her
coop0001@umn.edu

Michael Silverman, PhD, MT-BC, Director, Music Therapy Program. Working on Various projects related to music therapy and mental health and addiction; music and health. Interested in music therapy and mental health and addiction; music therapy and dementia, music and harm.

Pronouns (optional)
silvermj@umn.edu



Joellyn (JoJo) Sperdelozzi, BS in Biomedical Engineering, BA in Biology, BA in Italian, PhD Student Researcher Lim Lab Department of Biomedical Engineering. Currently working on Lim Lab Ultrasound Auditory Confound Effect. Interests include Neuroscience, Neuroengineering, Auditory Processing, Language Acquisition, Ultrasound, Bilingualism.

Pronouns: She/Her/Hers
jsperede@umn.edu

Photo

Don Thorpe, Doctor of Chiropractic, MS in Cognitive Science at Center for Spirituality and Healing, Integrative Health and Wellbeing Research Program. Current work includes Partners4Pain, NIH, delivering CIH approaches for back pain to populations that experience health disparities. Interested in Psychosocial aspects of pain management, mind-body connection, mindfulness, cognition, visual art and storytelling.

Pronouns (optional)
thorp167@umn.edu



Erica Timko Olson, PhD, RN, Assistant Professor @ U of MN School of Nursing. Current work includes Feasibility of a Nature Based Intervention in Young Adult Cancer Survivors, American Cancer Society. Interested in Nature Based Interventions to support wellbeing across the lifespan using innovative technologies that include mobile applications and virtual reality.

Pronouns (optional)
timko002@umn.edu



Ann Van de Winckel, PhD, MSPT, PT, Tenured Associate Professor at the Medical School of the University of Minnesota in the Department of Family Medicine and Community Health (Division of Physical Therapy and Rehabilitation Science). She is also the Director of the Brain Body Mind Lab.

The main research focus of her lab is to study the brain mechanisms underlying mind-body interventions that improve body awareness, including cognitive multisensory rehabilitation (CMR), a physical therapy approach, and Qigong, a gentle, mindful movement practice from Traditional Chinese Medicine. Her long-term goal is to combine her team's discoveries about brain mechanisms underlying recovery from chronic pain and neurological disorders with Western, Eastern, Complementary, and Integrative Medicine to create rehabilitation strategies that offer long-term recovery and healing that extend beyond symptom management.

In addition, she focuses on [NeuroArts](#), a new research field that investigates how the arts and aesthetic experiences change the brain, body, and behavior, and how this knowledge can be applied to advance health and well-being across society. She will use the visual arts from Marc Noël, called Quantum Paintings. Participants will engage with these quantum paintings in person and in digital and animated forms within a virtual reality environment called the Metaverse.

Photo

Kathleen Vohs, PhD in Psychological and Brain Sciences , Distinguished McKnight University Professor @ Carlson School @ U of MN. Interested in meaning, happiness, mindfulness, decision making, self-control, almost anything related to psychology.

Pronouns (optional)

vohsx005@umn.edu

Photo

Megan Voss, DNP, APRN, Associate Professor & Director of Education @ Earl E. Bakken Center for Spirituality & Healing. Current work includes research focused on mental health and quality of life in cancer predisposition rare diseases. Interested in populations with significant medical trauma and have a psycho-oncology practice in the Riverside Psychiatry Clinic.

Pronouns (optional)

vossx146@umn.edu

Photo

Stephanie Wagner, MM, MA, NBC-HWC, Director of Learning and Development, Meditation Coach @ University of Wisconsin: Madison (Center for Healthy Minds), University of Minnesota (Center for Spirituality and Healing). Current work includes Pilot study to understand the impact of a single coaching session on the use of the Healthy Minds Program Meditation App, This research is being done in conjunction with researcher Simon Goldberg at CHM. I am in the coach in the study and developed the coaching protocol. Interested in the intersection of science and well-being as a meditation teacher, coach, and Director of Learning and Development at Healthy Minds Innovations--a non-profit affiliated with the Center for Healthy Minds at UW-Madison.

Pronouns (optional)

innerfirehealthcoach@gmail.com

Photo

Cecilia Wang, PHD, Assistant Professor in College of Design @ U of MN. Current research focuses on healthcare design, experience design, and multidisciplinary design, particularly projects that utilize visual and artistic elements to educate patients and enhance communication between patients and healthcare professionals. You can explore this link for the What is Leukemia educational animation video as an example that illustrates the essence of my research.

<https://www.cincinnatichildrens.org/service//leukemia-lymphoma>.

In my work, specifically centered on UX design and visual communication research, I have actively engaged in collaboration with partners from healthcare, engineering, and marketing domains. These collaborative efforts have manifested in multiple research projects with multidisciplinary teams, resulting in impactful outcomes. Among these achievements are the development of patient educational tools, innovative medical education platforms, consumer products designed for enhanced user experiences, multimedia educational tools, and advanced information management systems.

The synergy created through collaboration with professionals from diverse backgrounds has not only expanded the scope of my research but has also contributed to the creation of inclusive and effective solutions that resonate across a broader spectrum of users and contexts. This collaborative journey underscores the transformative power of

multidisciplinary collaboration in advancing the field of UX design and visual communication.

Pronouns (optional)

ceciw@umn.edu

Photo

Sonya Wang, MD, Associate Professor @ U of MN Medical School. Current research includes music and preterm pain and neurodevelopment, R61, NCCIH. Interested in Music teletherapy for NICU parent infant dyads (R34 submitted to NCCIH) music teletherapy for Alzheimer's dementia R34 submitted to NIA).

Pronouns (optional)

Sgwang@umn.edu

Photo

Sasha Zagoloff, PhD LP, Associate Professor, SOM Dept of Psychiatry and Behavioral Sciences. As Co-Director of Rothenberger Leadership Academy, we have had discussions on incorporation of arts in medicine (in dialogue with Jon Hallberg, Center for the Art of Medicine).

Pronouns (optional)

zagoloff@umn.edu

Photo

Beth Zander, CCRP, Clinical Research Support Mgr/Resident Education Research Advisor, Dept of Neurology, U of MN. Research Support Manager of Clinical Research Coordinators also direct work in advisement with Neurology Residents and Fellows as part of their scholarly activity requirement.

Pronouns (optional)

zande001@umn.edu

Photo

Lidia Zylowska, MD, Associate Professor in Dept of Psychiatry and Behavioral Sciences. Current work includes Mindfulness, Adult ADHD, Mental Health, Psychiatry Education. Interested in Mindfulness, Photography and Arts Prescribing.

Pronouns (optional)

lzylowsk@umn.edu