

SPARK Faculty Open to Collaborate — *click a name to jump to their full profile*

O'More College of Architecture & Design

<u>Rania Awadalla</u> <i>Interior Design</i> My work focuses on neuroarchitecture, biophilia, and environmental psychology, exploring how built environments actively shape human cognitive and...	<u>Rebecca Moore</u> <i>Interior design</i> I teach design as a way of questioning, discovering, and making meaning.	<u>Caleb Walder</u> <i>Architecture</i> My teaching is mainly for architectural design studios in which students conceptualize and design hypothetical projects based on real world challen...
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Gordon E. Inman College of Nursing

<u>Kaylyn Bourne</u> <i>Graduate Nursing</i> In my current role, I serve students as the Director of DNP Project & Practice.	<u>Lisa Gallion</u> <i>Undergraduate Nursing</i> I teach prelicensure nursing students in Foundations of Experiential Learning.	<u>Taryn McCoy</u> <i>Nursing</i> Oversee population and community-based nursing education, including global health partnerships.
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College of Sciences & Mathematics

<u>Adam Cartisano</u> <i>Department of Mathematics</i> I work in theoretical mathematics, studying patterns in numbers and geometry.	<u>Ryan Fox</u> <i>Mathematics</i> Explores out-of-classroom applications of pre-calculus content and the intersection of mathematical creativity, content, and teaching practice.	<u>Duane Hatch</u> <i>Chemistry</i> Organic synthesis of amino acid derivatives for protein structure determination.	<u>Dustin Keller</u> <i>Psychological Science and Neuroscience</i> Currently, I am researching the impact of trauma, autonomy, SES, loneliness, ACES, and self-efficacy on life's purpose.
<u>Andrew Miller</u> <i>Mathematics</i> Teaches a Topology class and is looking to pair it with another class on expository, communication-focused projects about topological ideas.	<u>Patrick Morse</u> <i>Psychological Science & Neuroscience</i> Broad research interests across personality, social, relationships, sports, and environmental psychology.	<u>Amber Turner</u> <i>Psychological Science</i> I am a clinical psychologist, so a lot of my work is focused on mental health issues and their treatment and assessment.	

College of Pharmacy & Health Sciences

<u>Meegan Lambert</u> <i>OT</i> I teach a foundational OT course as well as a community practice course.	<u>Amanda Satcher</u> <i>OT</i> Interested in collaborating re: women's health or pelvic health topics.	<u>Steven Stodghill</u> <i>Pharmaceutical</i> My passion is working with and advocating for neurodivergent students especially those in graduate health programs.	<u>Sabrina Sullenberger</u> <i>Social Work</i> Teaches Human Behavior in the Social Environment (social work) — a broad-scope class open to collaboration.
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O'More College of Architecture & Design

Rania Awadalla

Interior Design

About the work: My work focuses on neuroarchitecture, biophilia, and environmental psychology, exploring how built environments actively shape human cognitive and emotional states. I leverage digital design technologies and evidence-based spatial strategies to investigate how interior architecture can directly reduce stress, manage emotional distress, stimulate creativity, and promote overall psychological well-being. Through my teaching and scholarship, I bridge spatial design and neuroscience to create evidence-driven spaces optimized for mental health, creative thinking, and restoration.

Scope of collaboration: Open to anything. I am interested in exploring collaboration at any scale ranging from a joint single-class assignment or shared critique to a semester-long interdisciplinary design project or an extracurricular student research effort.

Goals: My primary goal is to pair interior design students with students from a complementary discipline — ideally Mental Health Counseling or Neuroscience — to examine how spatial design choices affect psychological well-being, cognition, and emotional regulation. Through this interdisciplinary dialogue, students would evaluate how environmental factors such as spatial layout, lighting, acoustics, and natural patterns influence stress, mood, attention, and therapeutic outcomes, while design students learn to integrate clinical and neuroscientific evidence into human-centered solutions.

Rebecca Moore

Interior design

About the work: I teach design as a way of questioning, discovering, and making meaning. Through design philosophy, studio practice, and community collaborations—especially in rural places—I challenge students to think beyond familiar assumptions, seek truth through inquiry, and develop the critical and conceptual skills needed to create thoughtful, meaningful experiences that shape both their work and who they are becoming as designers.

Scope of collaboration: Open to anything

Goals: I want to build collaborations across campus that encourage students to see beyond the boundaries of their own discipline and recognize the value of different ways of knowing. By bringing people, ideas, and perspectives together, I hope to create meaningful experiences where curiosity leads to unexpected connections, challenges assumptions, and allows students to approach complex problems with greater empathy, imagination, and purpose.

Caleb Walder

Architecture

About the work: My teaching is mainly for architectural design studios in which students conceptualize and design hypothetical projects based on real world challenges. Recent projects include universal design multi-family housing, sustainable research centers at national parks, and monastically inspired spiritual retreats.

Scope of collaboration: I am interested in student work in which an exchange between architecture and another discipline enriches conversations and design project outcomes. I am always interested in service-learning, but open to a range of possibilities for collaboration.

Goals: For my architecture students, collaboration could ground their design work in the perspective of another discipline. For another discipline, architecture is a vehicle for testing and experimentation in realizing theoretical approaches through building.

Gordon E. Inman College of Nursing

Kaylyn Bourne

Graduate Nursing

About the work: In my current role, I serve students as the Director of DNP Project & Practice. In addition to teaching within the DNP Project Series, I connect students to key partners - a vital precursor to DNP Project initiation and completion. Additionally, I facilitate connection between students and practice experience opportunities for ICON's DNP Leadership & Innovation track. These opportunities can vary in scope and collaboration with an emphasis on healthcare ecosystem influence.

Scope of collaboration: Would love to explore interdisciplinary collaboration for DNP Projects (current cycle starts in Fall and concludes the following Fall, students are "matched" in advance of the first fall term. Would also be interested to explore class based assignments, projects, or other events that link Leadership & Innovation students.

Goals: It would love to find a way to connect a DNP student to each college for a unique collaborative DNP Project. The tricky part may be connecting that partnership to a community or organization in need. For example, a supply chain issue can be solved by nursing students + business students but a third party may be needed to integrate the change idea.

Lisa Gallion

Undergraduate Nursing

About the work: I teach prelicensure nursing students in Foundations of Experiential Learning. Students are introduced to direct patient care in the clinical setting for the first time.

Scope of collaboration: Open to anything :)

Goals: As new faculty, I am truly open to collaborating on a wide variety of topics drawing from my nursing practice background to my current teaching.

Taryn McCoy

Nursing

About the work: Oversee population and community-based nursing education, including global health partnerships.

Scope of collaboration: Open to anything related to broadening students perspective on how to come alongside, care for, and collaborate with other disciplines and diverse perspectives.

Goals:

College of Sciences & Mathematics

Adam Cartisano

Department of Mathematics

About the work: I work in theoretical mathematics, studying patterns in numbers and geometry. I specialize in geometry of higher dimensions, number theory, and abstract algebra.

Scope of collaboration: I am open to anything!

Goals: I am hoping to bring a mathematical perspective to a project in music or the arts. There are many subjects where (possibly advanced) mathematics provides a natural language to describe phenomena in other subjects. Examples include polyrhythms, music theory, and perspective drawing. Students often have interests in both math and art/music, and I would love to collaborate on a project that brings these worlds closer together.

Ryan Fox

Mathematics

About the work: As a faculty member working in two colleges, I find myself interested in a variety of topics. Within the math department, I am interested in out-of-classroom applications of pre-calculus mathematics content. Within the College of Education, I investigate Mathematically Creative Pedagogical Content Knowledge (the intersection of three knowledge bases: mathematical creativity, mathematics content, general pedagogical practices) and other studies in the qualitative research tradition.

Scope of collaboration: I'm open to anything! Any research collaboration leads to wonderful products in support my own professional development.

Goals: I work with PhD students in the Strategic Leadership in Education program; if interests and projects align, I may invite some of these to join a new project!

Duane Hatch

Chemistry

About the work: organic synthesis of amino acid derivatives for protein structure determination.

Scope of collaboration: open to anything

Goals: NA

Dustin Keller

Psychological Science and Neuroscience

About the work: Currently, I am researching the impact of trauma, autonomy, SES, loneliness, ACES, and self-efficacy on life's purpose.

Scope of collaboration: open to anything

Goals:

Andrew Miller

Mathematics

About the work: Generally, I have students do short research projects, often but not always expository, in upper-level electives.

Scope of collaboration: I have a Topology class and I would love to collaborate with another class to do expository and communication projects about topological ideas.

Goals: Would love to connect with classes in art, design, architecture, or similar classes.

Patrick Morse

Psychological Science & Neuroscience

About the work: My 'areas of research' are personality, person perception, and situational influences, but since coming to Belmont, my research with students has been all over the map, but tends to do with content from my personality psych, social psych, relationships psych, sports psych, and environmental psych courses. I'm especially passionate about the study of relationships!

Scope of collaboration: Project outside a class most likely, but open to class assignments/projects

Goals: It would be great to develop collaboration with another department and to learn about the topics students and faculty in other fields may be passionate about.

Amber Turner

Psychological Science

About the work: I am a clinical psychologist, so a lot of my work is focused on mental health issues and their treatment and assessment. I cover and have worked with a wide range of disorders and client populations.

Scope of collaboration: Open to any ideas

Goals: I'd like students from each discipline to get to experience the material from a different perspective.

College of Pharmacy & Health Sciences

Meegan Lambert

OT

About the work: I teach a foundational OT course as well as a community practice course. I am open to any shared foundational topics like ethics, foundational theory application, soft skill development, community practice, standards of practice, etc

Scope of collaboration: open to anything

Goals: I would love to do some type of sustainable in-class collaboration surrounding interdisciplinary ethics on an annual basis. It is a topic ALL health care disciplines have in common but teach it in silos.

Amanda Satcher

OT

About the work: Interested in collaborating re: women's health or pelvic health topics. I am particularly interested in providing sensory-informed potty learning education (free) to parents of neurodivergent kids, and exploring parent confidence and self-efficacy regarding toileting. I am open to other topics as well within both pediatric and women's pelvic health and wellness.

Scope of collaboration: Outside of class - open to anything.

Goals: Personal goals related to growth of scholarship.

Steven Stodghill

Pharmaceutical

About the work: My passion is working with and advocating for neurodivergent students especially those in graduate health programs. I am especially interested in using AI to help implement Universal Design for Learning into these curricula to help give all students options in how they are taught instead of teaching everyone the same way.

Scope of collaboration: I would say open to anything.

Goals: Because I tend to focus on the neurodivergent student population I think it would be interesting to pull together a diverse sample of programs or majors and see if similar teaching approaches are helping both groups.

Sabrina Sullenberger

Social Work

About the work: The undergrad class I am teaching in the spring that would be most appropriate for this is Human Behavior in the Social Environment, a look at how people grow and change over time and how the communities and broader systems around them shape their development. It is a social science option and a requirement for social work majors. The wide scope of the class makes it open to a lot of collaboration!

Scope of collaboration: Class assignment or project

Goals: My ILC partner will be out on sabbatical in the spring and I am missing the idea of that! My main goal is to give my students a chance to apply some of their human behavior knowledge to a "real life" setting.
