

Iowa Sciences Academy Fall 2022 Symposium

UI-MARC
Maximizing Access to Research Careers



Sat, Dec 3rd 10:00-noon (CST) Kollros Auditorium (101 BBE) and via Zoom

This event features short talks from ISA students conducting research in varied fields across campus.
After the presentations join us for several tours of U-Iowa research labs!

Time	Presenter	Research Mentor/Dept	Presentation
10:00am	Welcome		
10:10am	Karen Kawala (LSAMP) Global Health Studies	Mark Blumberg, PhD Greta Sokoloff, PhD Psychological & Brain Sciences	Non-Invasive Sleep Methods
10:20am	Bethie Walker (MARC) Biomedical and Neuroscience	Terry Wahls, MD Internal Medicine	Multiple Sclerosis (MS) Treatment Through Dietary and Lifestyle Interventions
10:30am	Stephanie Orellana (LSAMP) Psychology	Emily B.K. Thomas, PhD Psychological & Brain Sciences	Educator Experiences During the COVID-19 Pandemic: Inductive Analysis Preliminary Results
10:40am	Daniel Carson (IBA) Biochemistry	Ryan LaLumiere, PhD Psychological & Brain Sciences	Multi-Site Recordings of Neural Activity in the Infralimbic Cortex, Insular Cortex and Pasolateral Amygdala Across Heroin-Seeking Behavior
10:50am	Break		
11:00am	Hector Sanchez Melendez (MARC) Neuroscience	Kristi Hendrickson, PhD Communication Science & Disorders	Inhibitory Mechanisms in Language
11:10am	Katherine Westbrook (MARC) Speech and Hearing Science	Jean Gordon, PhD Communication Science & Disorders	Syntactic Complexity of Agrammatic and Paragrammatic Aphasic Discourse and Neurotypical Controls
11:20am	Jordan Luna (MARC) Neuroscience	Jason Radley, PhD Psychological & Brain Sciences	Anatomical Investigation of a Prefrontal Midbrain Circuit
11:30am	Sofia Peraza Munuzuri (MARC) Biomedical Engineering	Joel Geerling, MD/PhD Neurology	Mapping Efferent Projections from the Nucleus of the Solitary Tract
11:40am	Aracely Miron-Ocampo (IBA) Microbiology, Global Health	Sarah Beattie, PhD PI-Damian Krysan, MD/PhD Microbiology & Immunology	Searching for Novel Antifungal Treatments and Regulatory Pathways via the Characterization of a Fluphenazine Derivative Against <i>C. albicans</i>
12:00pm	Lab Tours		

**For More Info
& Zoom Link**



This event is sponsored by Iowa Biosciences Academy (IBA and UI-MARC) supported by the National Institutes of Health (NIH), and the University of Iowa Louis Stokes Alliance for Minority Participation (UI LSAMP) supported by the National Science Foundation (NSF).

Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires an accommodation to participate in this program, please contact laura-kowalski-bliss@uiowa.edu in advance.

Iowa Sciences Academy <https://isa.uiowa.edu>

