

2023 IINSPIRE LSAMP Alliance Conference: Student and Alumni Presenters

Session 2A Student Oral Presentations - Presenters

LeAnn Faidley, Session Moderator
Wartburg College
Introduction to the IINSPIRE VSEER Program

Alba Bon
Des Moines Area Community College, Iowa State University
My Profile as a STEM Researcher

Heritier Diakanua
Marshalltown Community College, Des Moines Area Community College, Iowa State University
My Profile as a STEM Researcher

Kristian Twyman
Hawkeye Community College
My Profile as a STEM Researcher

Session 2B Student Oral Presentations - Presenters

Aracely Miron-Ocampo
University of Iowa
Searching for Novel Antifungal Treatments and Regulatory Pathways via the Characterization of a Fluphenazine Derivative Against *C. albicans*

David Nguyen
Des Moines Area Community College
Applying Machine Learning Models to Predict the World Economic Status Based on Alcohol Consumption and Other Demographic Factors

Dasia Taylor
University of Iowa
“Gen Z Innovation Changing the World”
Transforming people’s perspectives on Science, Technology, Engineering, and Math education and innovation.

Poster Session Presenters

Julisa Aburto Sanchez
Nebraska Wesleyan University
Using Buckminsterfullerene in a Series of Reactions to Change Its Solubility

Winfred Afeaneku
University of Northern Iowa
SocioApp: Detecting Your Sociability Status with Your Smartphone

Koffi Amegble
Grinnell College
Chelator Activity of Sirtinol Induces Iron Metabolic Perturbations in Non-Small Cell Lung Cancer (NSCLC)

Daniel Carson
University of Iowa
Dual-Site Recording in the Nucleus Accumbens Core and Shell to Identify Neurophysiological Profiles

Zoe Gonzalez
Grinnell College
Characterization of the Role of *inx-12* and *inx-13* in Cellular Migration and Intercalation

Devin Hendrix
Nebraska Wesleyan University
Renewable Resources in Triacylglycerols

Hidaly Hernandez
Wartburg College
Effects of Avasopasem Manganese (GC4419) in Mouse Models of Disease

Robby Munoz
Wartburg College
Elucidating the Interactions of Vidutolimod on Neutrophils

David Nguyen
Des Moines Area Community College
Applying Machine Learning (ML) Models to Predict the World Economic Status Based on Alcohol Consumption and Other Demographic Factors

Ana Sofia and Peraza Muñuzuri
University of Iowa
Nucleus of the Solitary Tract: Molecular Ontology and Efferent Projections

Kristian Twyman
Hawkeye Community College
Water Quality After Hurricane Katrina

Ted Weiland (Professor and Mentor)
Kirkwood Community College
Transformation, Expression, and Purification of Formate Dehydrogenase Mutants

Session 4A Alumni Panel on STEM Journeys

Alice Nadeau, Session Moderator
Grinnell College Alum
Interim CEO, IINSPIRE LSAMP Alumni Committee (ILAC)

Glorianne Dorce
Grinnell College and University of Iowa Alum

Kofi Oduro
Iowa State University Alum

Madison Wardlaw
Grinnell College Alum