

This report is listing off all presentations (presenters, title, time), grouped and ordered by building/room location titles. This report is for SSD 2024 presentations held on April 10, 2024.

Henry Hall Atrium 001

Presentation	Time	Presenters
Numerical Solutions to McVittie Timelike Geodesics	11:00 a.m. – 12:00 p.m., 12:00 p.m. – 1:00 p.m.	Zachary Tyler

Henry Hall Atrium 002

Presentation	Time	Presenters
An Ongoing Literature Review Examining the Habituation Paradigm and Developmental Disabilities	11:00 a.m. – 12:00 p.m.	Emily Radenbaugh

Henry Hall Atrium 003

Presentation	Time	Presenters
Determining the Role of ERK1/2 in the Development of Diabetic Cardiomyopathy in Type II Diabetic Mice	10:00 a.m. – 11:00 a.m.	Erin McLean

Henry Hall Atrium 004

Presentation	Time	Presenters
Biochemical Characterization of Class C B-Lactamases in Carbapenem Resistant <i>Acinetobacter baumannii</i>	10:00 a.m. – 11:00 a.m.	Genevieve Palazzolo

Henry Hall Atrium 005

Presentation	Time	Presenters
Effects of the Mediterranean Diet and Congestive Heart Failure: A Systematic Review	9:00 a.m. – 10:00 a.m.	Gage Monroe Mackenzie Ruba

Henry Hall Atrium 006

Presentation	Time	Presenters
Deletion of Two Regions of the Light-Response BTB Gene in <i>Arabidopsis thaliana</i>	10:00 a.m. – 11:00 a.m.	Emily Seburn

Henry Hall Atrium 007

Presentation	Time	Presenters
Is Remote Work Helpful or Harmful?	2:00 p.m. – 3:00 p.m., 3:00 p.m. – 4:00 p.m., 4:00 p.m. – 5:00 p.m.	Briana Drazek

Henry Hall Atrium 008

Presentation	Time	Presenters
Beyond the Red Pen: Investigating the Formation of Reader and Writer Identity Development in Pre-Service Teachers	12:00 p.m. – 1:00 p.m.	Lydia Denning

Henry Hall Atrium 009

Presentation	Time	Presenters
Learning From the Literature: Supporting Nursing Student Academic Success	10:00 a.m. – 11:00 a.m.	Maria Mauer

Henry Hall Atrium 010

Presentation	Time	Presenters
Shorter generation time may enhance primate resilience to conservation threats	2:00 p.m. – 3:00 p.m.	Makayla Madsen

Henry Hall Atrium 011

Presentation	Time	Presenters
Determining the Effect of U0126 Inhibiting ERK1 /2 Protein in STZ-Induced Diabetic Mice	11:00 a.m. – 12:00 p.m.	Caroline De Roo

Henry Hall Atrium 012

Presentation	Time	Presenters
Assessing Littoral Dissolved Oxygen Trends in Muskegon Lake	11:00 a.m. – 12:00 p.m.	John Lawrence

Henry Hall Atrium 013

Presentation	Time	Presenters
Assessing the Role of Groundwater in Road Salt Pollution of Urban Lakes	9:00 a.m. – 10:00 a.m., 3:00 p.m. – 4:00 p.m.	Jacquelyn Molloseau

Henry Hall Atrium 014

Presentation	Time	Presenters
Strengthening Sociology Curriculum: An Undergraduate Course Addendum	9:00 a.m. – 10:00 a.m.	Hana Testerman

Henry Hall Atrium 015

Presentation	Time	Presenters
The ABCs of the ADA	3:00 p.m. – 4:00 p.m.	Kaylyn Guinn Ashley Kolenbrander

Henry Hall Atrium 016

Presentation	Time	Presenters
Hot Topics Curriculum for the Boys and Girls Club	11:00 a.m. – 12:00 p.m.	Bethany Czerny

Henry Hall Atrium 017

Presentation	Time	Presenters
Workforce Housing Project	4:00 p.m. – 5:00 p.m.	Julian Silva

Henry Hall Atrium 018

Presentation	Time	Presenters
Working Under the Surface	12:00 p.m. – 1:00 p.m.	El Beringer

Henry Hall Atrium 019

Presentation	Time	Presenters
Supporting the Sex Offender Panel	10:00 a.m. – 11:00 a.m.	Nicole Sutton

Henry Hall Atrium 020

Presentation	Time	Presenters
MyChart Use on a Psychiatric Medical Unit	9:00 a.m. – 10:00 a.m.	Elyse Paxson

Henry Hall Atrium 021

Presentation	Time	Presenters
How Does Aquatics Therapy Impact Parkinson's Disease?	9:00 a.m. – 10:00 a.m.	Hope Winslow

Henry Hall Atrium 022

Presentation	Time	Presenters
How Does Horticulture Affect Individuals with Attention Disorders?	11:00 a.m. – 12:00 p.m.	Adeline VanNoller

Henry Hall Atrium 023

Presentation	Time	Presenters
Roots of Recovery: Exploring the Effects of Nature-Based Therapy in Cancer Rehabilitation	9:00 a.m. – 10:00 a.m.	Samantha Mason

Henry Hall Atrium 024

Presentation	Time	Presenters
Paws with Purpose: Animal Assisted Interventions for children with Autism	9:00 a.m. – 10:00 a.m.	Olivia Driscoll

Henry Hall Atrium 025

Presentation	Time	Presenters
How can Games Impact the Quality of Life of Individuals with Traumatic Brain Injury?	11:00 a.m. – 12:00 p.m.	Lauryn Steel

Henry Hall Atrium 026

Presentation	Time	Presenters
Narrowing the 'Legacy Gap': A Systematic Review	2:00 p.m. – 3:00 p.m.	Nicholas Saarela

Henry Hall Atrium 027

Presentation	Time	Presenters
Horticulture Benefits for Traumatic Brain Injuries	9:00 a.m. – 10:00 a.m.	Ella Acton

Henry Hall Atrium 028

Presentation	Time	Presenters
Using Tai Chi to Improve the Lives of Refugees	9:00 a.m. – 10:00 a.m.	Isabel Gordon

Henry Hall Atrium 029

Presentation	Time	Presenters
More for Momma: Complementary Care for Postpartum Depression	9:00 a.m. – 10:00 a.m.	Olivia Adgate

Henry Hall Atrium 030

Presentation	Time	Presenters
Exploring the Effects of Canine Companionship on Mental Health	9:00 a.m. – 10:00 a.m.	Myriam Martinez

Henry Hall Atrium 031

Presentation	Time	Presenters
Caregiver-Mediated Intervention for Children with Autism Spectrum Disorders	9:00 a.m. – 10:00 a.m.	Sydney Higgins

Henry Hall Atrium 032

Presentation	Time	Presenters
Pawsitive Therapy: Easing Autism Stress with Animal-Assisted Interventions	9:00 a.m. – 10:00 a.m.	Kassidi Hill

Henry Hall Atrium 033

Presentation	Time	Presenters
Back to Life; Dementia and the Power of Music	9:00 a.m. – 10:00 a.m.	Nicole Bolter

Henry Hall Atrium 034

Presentation	Time	Presenters
Sibling or Sidedish: Cannibalism vs. Kinship Recognition in Baby Spiders	2:00 p.m. – 3:00 p.m.	Eden Hodgson Cassandra Hundley Luc McPherson Andrew Medley

Henry Hall Atrium 035

Presentation	Time	Presenters
Synthesis of a Tripodal–CMPO Ligand for f–element Extractions	1:00 p.m. – 2:00 p.m.	Katherine Mast

Henry Hall Atrium 036

Presentation	Time	Presenters
Investigating the Role of Spatial Structure on the Origination of Adaptive Processes	1:00 p.m. – 2:00 p.m., 2:00 p.m. – 3:00 p.m.	John Shea

Henry Hall Atrium 037

Presentation	Time	Presenters
Exploiting Phylogenetic Analysis to Improve Evolutionary Search Algorithms	10:00 a.m. – 11:00 a.m., 12:00 p.m. – 1:00 p.m., 4:00 p.m. – 5:00 p.m.	Marcos Sanson

Henry Hall Atrium 038

Presentation	Time	Presenters
The Kids Aren't Alright	12:00 p.m. – 1:00 p.m.	Timothy Giovas Shanna McElrath Alexia Sisty

Henry Hall Atrium 039

Presentation	Time	Presenters
Synthesis of Tripodal, Multidentate CMPO Compounds with Long Alkyl Chains for f-element Extractions	9:00 a.m. – 10:00 a.m.	Brianna Gordon

Henry Hall Atrium 040

Presentation	Time	Presenters
All Roads Lead to Home: Exploring the Complexities of Home in Antiquity	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m., 12:00 p.m. – 1:00 p.m., 1:00 p.m. – 2:00 p.m.	Caroline Collier Westley Garnet Martin Hall Elinor Harrison Kate Kripli Jacob Morgan Kelly Morgan Grayce Richards Sydney Sturgis

Henry Hall Atrium 041

Presentation	Time	Presenters
Lanthanide Extractions via Organic Compound	9:00 a.m. – 10:00 a.m.	Colin Carter

Henry Hall Atrium 042

Presentation	Time	Presenters
A Multi-Mediation Model for Living One's Calling on Job Stress	3:00 p.m. – 4:00 p.m.	Leah Fetzer

Henry Hall Atrium 043

Presentation	Time	Presenters
The Effects of Ethical Leadership and Diversity Climate on Burnout	10:00 a.m. – 11:00 a.m.	Kileen Orr

Henry Hall Atrium 044

Presentation	Time	Presenters
Kinetic Characterization of the Class D β -lactamase OXA-146 with a Series of BATSIs	2:00 p.m. – 3:00 p.m.	Paige Moser

Henry Hall Atrium 045

Presentation	Time	Presenters
Deforestation at Brownsberg Nature Park, Suriname, over Two Decades	9:00 a.m. – 10:00 a.m.	Daniela De Andrade

Henry Hall Atrium 046

Presentation	Time	Presenters
A Systematic Review and Concept Mapping to Explore Knowledge and Gaps Surrounding the Professional Identity in Nursing	11:00 a.m. – 12:00 p.m.	Sarah Geoghan

Henry Hall Atrium 047

Presentation	Time	Presenters
The Effect of Mindful Sport Performance Enhancement on F.A.M.E. (Flow, anxiety, mindfulness, emotion regulation)	10:00 a.m. – 11:00 a.m.	Jillian Liford

Henry Hall Atrium 048

Presentation	Time	Presenters
Isoforms of GAP-43: Making Connections to Alzheimer's Disease	1:00 p.m. – 2:00 p.m.	Kates Krasin Caitlin Lutz Jacob Reed Jamie Valkenburg Connor Veen

Henry Hall Atrium 049

Presentation	Time	Presenters
Sedimentology and Petrography of 2.2 Ga Randville Dolomite Stromatolites, Upper Peninsula of Michigan	2:00 p.m. – 3:00 p.m.	Garrett Brown

Henry Hall Atrium 050

Presentation	Time	Presenters
The Effects of Gut Volume and Parity on the Pubis	10:00 a.m. – 11:00 a.m.	Emma Long Emma Piasecki

Henry Hall Atrium 051

Presentation	Time	Presenters
How Similar are Two <i>Candida albicans</i> Phosphatase Enzymes in their Regulation of Virulence Traits?	9:00 a.m. – 10:00 a.m.	Kaitlyn Knapp

Henry Hall Atrium 052

Presentation	Time	Presenters
Traumatic Brain Injury: Approaches to Treatment	9:00 a.m. – 10:00 a.m.	Lindsey Bunday

Henry Hall Atrium 053

Presentation	Time	Presenters
Computational Docking Approach to Antibiotic Design	10:00 a.m. – 11:00 a.m.	Nicolette Owen

Henry Hall Atrium 054

Presentation	Time	Presenters
Evaluating the Effects of Cholesterol on HER2+ Breast Cancer Cells	10:00 a.m. – 11:00 a.m.	Madelyn Maurer

Henry Hall Atrium 055

Presentation	Time	Presenters
Social Justice Begins With Me: Environmental Justice	2:00 p.m. – 3:00 p.m.	Danielle Ellis

Henry Hall Atrium 056

Presentation	Time	Presenters
Discourses on Belonging and the University Student	9:00 a.m. – 10:00 a.m.	Louis Cousino

Henry Hall Atrium 057

Presentation	Time	Presenters
Adjunct Professor Satisfaction at GVSU	9:00 a.m. – 10:00 a.m.	Sydney Lynn

Henry Hall Atrium 058

Presentation	Time	Presenters
Archives in Michigan: Guidance for First Time Researchers	11:00 a.m. – 12:00 p.m.	Hannah Krebs

Henry Hall Atrium 059

Presentation	Time	Presenters
Assessment of Molybdenum in <i>Galleria mellonella</i>	9:00 a.m. – 10:00 a.m.	Indie Sobiech Jonathan Tran

Henry Hall Atrium 060

Presentation	Time	Presenters
Co-CRISPR/cas9 Disruption of the Arylalkylamine N-acetyltransferase-like 7 (AANATL-7) Gene in <i>Drosophila melanogaster</i>	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m., 11:00 a.m. – 12:00 p.m., 12:00 p.m. – 1:00 p.m., 4:00 p.m. – 5:00 p.m.	Lydia Cruce Margaret Cubitt

Henry Hall Atrium 061

Presentation	Time	Presenters
Emotion Socialization in Cultural Perspective: Investigating a Western biased Instrument	9:00 a.m. – 10:00 a.m., 12:00 p.m. – 1:00 p.m., 1:00 p.m. – 2:00 p.m.	Victoria Airo Ian Wilson

Henry Hall Atrium 062

Presentation	Time	Presenters
Validity of Derived Life Space Measurements of Older Adults from Real Time Tracking Compared to Self Report Life Space Variables	9:00 a.m. – 10:00 a.m.	Carly Rinas

Henry Hall Atrium 063

Presentation	Time	Presenters
Characterization of Inhibitors of ADC-33, a β -lactamase Variant Involved in Antibiotic Resistance	12:00 p.m. – 1:00 p.m.	Zoe Ziegler

Henry Hall Atrium 064

Presentation	Time	Presenters
Estimated Number of Observed White Dwarf Binary Stars for LISA	11:00 a.m. – 12:00 p.m.	Corey Wright

Henry Hall Atrium 065

Presentation	Time	Presenters
Evaluating the Role of Iron Restriction on <i>Staphylococcus lugdunensis</i> Biofilm Formation and Subsequent Antibiotic Sensitivity	11:00 a.m. – 12:00 p.m.	Linnea Baldori

Henry Hall Atrium 066

Presentation	Time	Presenters
Geochemical Analyses of Carbonate Cements in West Michigan Glacial Sediments: Insight into Past Hydroclimate?	10:00 a.m. – 11:00 a.m.	Owen McCaffrey

Henry Hall Atrium 067

Presentation	Time	Presenters
Addressing Grand Rapids' Housing Crisis in the 2024 Master Plan	9:00 a.m. – 10:00 a.m.	Avery Koan

Henry Hall Atrium 068

Presentation	Time	Presenters
Evaluating the Role of Iron Restriction on <i>Staphylococcus lugdunensis</i> Biofilm Formation and Subsequent Antibiotic Sensitivity	11:00 a.m. – 12:00 p.m.	Mitchell Tiell

Henry Hall Atrium 069

Presentation	Time	Presenters
Spherical Easel: Application Design and Development Collaboration	11:00 a.m. – 12:00 p.m.	Dat Nguyen

Henry Hall Atrium 070

Presentation	Time	Presenters
Individual Differences in Motivation for Alcohol Use and its Associations with Self-esteem and Anxiety	2:00 p.m. – 3:00 p.m.	Jack Lipscomb

Henry Hall Atrium 071

Presentation	Time	Presenters
ERA Activism in West Michigan	9:00 a.m. – 10:00 a.m.	Dorian Fedewa Avery Koperski

Henry Hall Atrium 072

Presentation	Time	Presenters
Timeline and Study of the 20th century West Michigan Women's Movement	9:00 a.m. – 10:00 a.m., 12:00 p.m. – 1:00 p.m., 4:00 p.m. – 5:00 p.m.	Julian Edouard Michael Frait Jason Hiegel

Henry Hall Atrium 073

Presentation	Time	Presenters
Katherine Downes Lewis: Teacher, Activist, Woman	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m.	Travis Balog Lauryn Comstock Hannah Duran Lindsay White

Henry Hall Atrium 074

Presentation	Time	Presenters
Evaluating the Role of Iron Restriction on <i>Staphylococcus lugdunensis</i> Biofilm Formation and Subsequent Antibiotic Sensitivity	12:00 p.m. – 1:00 p.m.	Angelina Avramenko

Henry Hall Atrium 075

Presentation	Time	Presenters
A New <i>Epithemia</i> Species from Douglas Lake, Michigan	9:00 a.m. – 10:00 a.m.	Ryan Ruppert

Henry Hall Atrium 076

Presentation	Time	Presenters
Extending Voronoi Diagrams to Measure the Impact of Local Services on Individual Homes	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m.	Levi Klamer

Henry Hall Atrium 077

Presentation	Time	Presenters
Live Testing for Safety-Critical Robotics Applications	9:00 a.m. – 10:00 a.m.	Andrew Goodling

Henry Hall Atrium 078

Presentation	Time	Presenters
The Effects of Landscape on Arthropod Community Structure in Pinecones	9:00 a.m. – 10:00 a.m.	Denise Gardner

Henry Hall Atrium 079

Presentation	Time	Presenters
Iron Complexes as Redox Electrolytes in Flow Batteries	1:00 p.m. – 2:00 p.m.	Christina Jiang

Henry Hall Atrium 080

Presentation	Time	Presenters
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Isotachophoresis Method for Quantifying the Competitive Growth of Mixed Bacteria Cultures 1:00 p.m. – 2:00 p.m.

Colton Dysart

Henry Hall Atrium 081

Presentation	Time	Presenters
How Paralanguage Drives Advertising Impact	12:00 p.m. – 1:00 p.m.	Alissa Sayavong

Henry Hall Atrium 082

Presentation	Time	Presenters
Gendered Performance in Voice Acting	12:00 p.m. – 1:00 p.m.	Madelyn Dwyer

Henry Hall Atrium 083

Presentation	Time	Presenters
Differences in Perceptions of Vulgar Language Use by Gender	11:00 a.m. – 12:00 p.m.	Lynnae Fisher

Henry Hall Atrium 084

Presentation	Time	Presenters
Intonation and Gender in Customer Service Settings	11:00 a.m. – 12:00 p.m.	Jackson Hicks

Henry Hall Atrium 085

Presentation	Time	Presenters
Gendered Differences in discourse marker use: Taylor Swift and Bruno Mars	11:00 a.m. – 12:00 p.m.	Courtney Hess

Henry Hall Atrium 086

Presentation	Time	Presenters
Gendered Linguistic Resources Used In Advertisements	12:00 p.m. – 1:00 p.m.	Natalie Niehaus

Henry Hall Atrium 087

Presentation	Time	Presenters
Exploring the Effects of Chromosome Rearrangement on Gene Characteristics in <i>Drosophila willistoni</i> : A Comparative Genomics Approach	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m., 11:00 a.m. – 12:00 p.m., 1:00 p.m. – 2:00 p.m., 2:00 p.m. – 3:00 p.m., 3:00 p.m. – 4:00 p.m., 4:00 p.m. – 5:00 p.m.	Kailani Acierto Madison Atwood Leonardo Balcazar Danielle Brower Taylor Grifhorst Edwin Lopez Maldonado Alyssa Oberly Bushra Rashrash Delaney Sacra Ashlyn Tyson

Henry Hall Atrium 088

Presentation	Time	Presenters
Emoji Expression Between Men and Women	9:00 a.m. – 10:00 a.m.	Hannah Hutton

Henry Hall Atrium 089

Presentation	Time	Presenters
Gendered Language in Musicals	12:00 p.m. – 1:00 p.m.	Gwendalyn LaComte

Henry Hall Atrium 090

Presentation	Time	Presenters
Among Us: 3 rd Rock From the Sun and Measuring Gender Performativity	3:00 p.m. – 4:00 p.m.	Robert Hyma

Henry Hall Atrium 091

Presentation	Time	Presenters
Codeswitching and Its Use Among Black Women in Corporate America	1:00 p.m. – 2:00 p.m.	Jada Thomas

Henry Hall Atrium 092

Presentation	Time	Presenters
What's Your, Uh, Gender: An Examination of Perceived Gender via Usage of Pause Fillers	9:00 a.m. – 10:00 a.m.	Samuel Scroggins

Henry Hall Atrium 093

Presentation	Time	Presenters
Gendered Questioning of Celebrities	10:00 a.m. – 11:00 a.m.	Alison Dreese

Henry Hall Atrium 094

Presentation	Time	Presenters
"I Now Pronouns You" They and Them: Perceived Inclusion within Gender-Neutral Language by Gender Identity	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m.	Lex Larkspur

Henry Hall Atrium 095

Presentation	Time	Presenters
Interactive Evolution of Generative Art	11:00 a.m. – 12:00 p.m.	Abigail Diller

Henry Hall Atrium 096

Presentation	Time	Presenters
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I Hear You Loud and Queer

12:00 p.m. – 1:00 p.m.

Catherine Battaglia

Henry Hall Atrium 097

Presentation	Time	Presenters
Bacterial Contamination of Patient Specimens	10:00 a.m. – 11:00 a.m., 11:00 a.m. – 12:00 p.m., 12:00 p.m. – 1:00 p.m.	Kyle Beachnau Molly Mitchell Austin Thornburg

Henry Hall Atrium 098

Presentation	Time	Presenters
Gendered Language and Performance in Stand-Up Comedy	12:00 p.m. – 1:00 p.m.	Michaela Christie

Henry Hall Atrium 099

Presentation	Time	Presenters
Improvements in Interprofessional Coordination, Data Collection, and Grant Deliverables	1:00 p.m. – 2:00 p.m.	Mary Claire Meimers

Henry Hall Atrium 101

Presentation	Time	Presenters
End-to-end Development of an AI Web Application for Healthcare	9:00 a.m. – 10:00 a.m.	Unai Amilleta Gonzalez Marcos Diaz Puerta Aliah Lloyd Gautam Subedi

Henry Hall Atrium 102

Presentation	Time	Presenters
What Distinguishing Features of <i>Mycobacterium tuberculosis</i> Cause Global	9:00 a.m. – 10:00 a.m., 10:00 a.m. – 11:00 a.m.	Ahmed Hassan Mesfin Teshome

Henry Hall Atrium 104

Presentation	Time	Presenters
Welcome, Traveler	9:00 a.m. – 10:00 a.m.	Claire West

Henry Hall Atrium 106

Presentation	Time	Presenters
Using Normal Mode Analysis to Compare the Conformational Changes Induced by Diazepam and Flumenazil in the $\alpha 1$ - $\beta 2$ - $\gamma 2$ GABA(A) Receptor	12:00 p.m. – 1:00 p.m.	Amber Heist

Kirkhof Center GRR 001

Presentation	Time	Presenters
Monitoring Periphyton Growth in Response to Treatments that Control Cyanobacterial Blooms	11:00 a.m. – 12:00 p.m.	Allison Romanski

Kirkhof Center GRR 002

Presentation	Time	Presenters
Mechanical Injury in Crayfish – A Further Exploration	2:00 p.m. – 3:00 p.m.	Patrick Baumann Colin Carter Jonathan McCabe

Kirkhof Center GRR 003

Presentation	Time	Presenters
Evaluating Possible Model Changes for the United States Healthcare System and Identifying Potential Obstacles to Change	2:00 p.m. – 3:00 p.m.	Brooke Hoyt