



UNDERGRADUATE RESEARCH SYMPOSIUM SCHEDULE OF EVENTS SATURDAY, APRIL 25, 2026 · GENERAC HALL (LOWER-LEVEL)

TIME	CLASSROOM S011	CLASSROOM S010	CLASSROOM S009
8:00	EMILY BRANDS [HENDEE] Effects of Anesthetic Agents on the Zebrafish Cardiovascular System	SIMON DYKSTRA [HENDEE] SARS-CoV-2 and its Long-term Impact on the Brain	BROOKE MERCIER [CHARITON] <i>Fattorias e Famiglia</i> : The Tuck-A-Way Tomato Farm and the Decline of Small-Scale Agriculture in the 1930s Midwest
8:20	ALEXIS KOHLS [HENDEE] Teratogenic and Organ-Specific Effects of Lead on Chick Embryo Development	LEAH WIERSCHKE [A. EBELING] Differential Effects of Non-Nutritive Sweeteners on Gut Microbial Growth Dynamics	LUCIA GALLARDO MARTOS [SCHREIBER] Reducing Juvenile Crime Through Anti-Poverty Policy: the Role of Economic Inequality, Education, and Community Investment
8:40	HANNAH KOSKOVICH [HENDEE] Genetic Modification of <i>Taraxacum officinale</i> for Bioluminescence	JALEEL AFTAB [A. EBELING] Digital Eye Strain Among College Students: Assessing the Relationship Between Screen Time, Symptom Severity, and Visual Performance	TREVOR HOFFMAN [BADURA] AI in the Justice System and its Application to Citizens
9:00	MEGAN GROW & KIRSTIN NEUWIRTH [WITZ] Predicting Celiac Diagnoses with Machine Learning Methods	REBEKAH LUCKWALDT [POTRATZ] Folding Process of the b1I Ribozyme	LUCIA GALLARDO MARTOS [BADURA] Economic Inequality and Democratic Legitimacy: A Defense of Positive Liberty
9:20	BREAK		
9:35	KEYNOTE ADDRESS BY DR. TOVA BROWN (S011)		
10:20	RYAN HENNING [WITZ] Machine Learning Models for Stock Performance and Investment Decision-Making	KAVYA MOHANRAM [POTRATZ] Using Fluorescence to Monitor Tetrahymena Ribozyme Folding with and without Chaperone Proteins	SIERRA SKAGGS [BADURA] The Inevitability of Judicial Opinion in Measuring Negligence and Liability: a Legal Theory Approach
10:40	SUBHIN KIM [BRANDT] Modeling Gene-Environment Interactions in Autoimmune Susceptibility	TYLER KLEINHANS [POTRATZ] Effects of Acids on Tooth Demineralization at a Small College	RICHARD HILL [KUEHN] Determining the Conductivity of Copper Experimentally Using the Heat Diffusion Equation
11:00	CALLA TREDER [BRANDT] Endocardial Cell Contribution to Cardiac Regeneration in a Prenatal Murine Model of Ischemia	JAYDEN HILL [HENKEL] Antibiotic Production in Soil	CULLEN KIDDER [HACKBARTH] The Mistaken Philosophy of Ralph Waldo Emerson
11:20	TRINITY JUREK [BRANDT] Sex-specific Effects of Ibuprofen on Zebrafish Hormone Levels and Kidney Structure	MICAH GARLAND [DEGNER] Variable Protein Intake for Lactating Hampshire Ewes Effects on Milk Protein Levels and Average Daily Weight Gain for Lambs	11:25 IN THE CENTER FOR ARTS AND PERFORMANCE PRINTMAKING STUDIO SARAH GONZALEZ [LINDEMANN] Printmaking Wonders