UNDERGRADUATE RESEARCH & INTERNSHIP SYMPOSIUM

WEITZ CENTER FOR CREATIVITY COMMONS
4:30 - 6:30 PM
OCTOBER 13, 2023
Mustafa Abbashar ’24
Title: Hennepin County Public Defenders Office Investigator
Presentation time: 4:30 - 5:15 p.m.
Poster number: 1
Abstract number: 1001

Tim Abbott ’26
Title: Finding Voice in the Middle Ages: Collating William of Fly's Commentary on Lamentations
Presentation time: 5:45 - 6:30 p.m.
Poster number: 1
Abstract number: 1002

Nayi Abdi ’25
Title: Immigration in America through the Immigrant Law Center of Minnesota
Presentation time: 5:45 - 6:30 p.m.
Poster number: 53
Abstract number: 1116

Sara Abraha ’25
Title: Bacterial Expression of Helminth Aminoacyl-tRNA Synthetases
Presentation time: 4:30 - 5:15 p.m.
Poster number: 2
Abstract number: 1003

Aadi Akyianu ‘25
Title: Machine Learning in Education
Presentation time: 5:45 - 6:30 p.m.
Poster number: 2
Abstract number: 1004

Amira Aladetan ’24
Title: Patient Messaging and Bias: Enhancing Medical Communication Through the use of Large Language Models (LLMs)
Presentation time: 4:30 - 5:15 p.m.
Poster number: 3
Abstract number: 1005

Star Alvarez-Zavala ’24
Title: Marketing and Digital Design
Presentation time: 4:30 - 5:15 p.m.
Poster number: 4
Abstract number: 1006
Abdullah Ansar ’25
Title: Global Middle Ages: Travelling Texts and Narratives
Presentation time: 5:45 - 6:30 p.m.
Poster number: 118
Abstract number: 1007

Benjamin Ansbacher ’26
Title: Using Ordinal Pattern Analysis to Reveal Symmetry Families in Experimental Time Series
Presentation time: 5:45 - 6:30 p.m.
Poster number: 3
Abstract number: 1008

Gideon Antwi ’26
Title: Summer Internship at Saykid: Designing and Coding a Website
Presentation time: 5:45 - 6:30 p.m.
Poster number: 4
Abstract number: 1009

Maricarmen Arce ’27
Title: Responses to Vitamin D in Colonic Organoids
Presentation time: 4:30 - 5:15 p.m.
Poster number: 5
Abstract number: 1010

Beck Arnow ’24
Title: Groundwater Modeling Simulation in Karst Systems
Presentation time: 5:45 - 6:30 p.m.
Poster number: 5
Abstract number: 1011

Allison Audette ’25
Title: Internship at Institut Imagine’s Ophthalmological Genetics Laboratory, Paris, France
Presentation time: 5:45 - 6:30 p.m.
Poster number: 6
Abstract number: 1012

Faridah Azeez ’25
Title: Autonomy + Freedoms in A Tracked Education System
Presentation time: 5:45 - 6:30 p.m.
Poster number: 7
Abstract number: 1013

Conor Babcock O’Neill ’24
Title: Sablefish Summer
Presentation time: 5:45 - 6:30 p.m.
Poster number: 8
Abstract number: 1014
**Grace Bacon ’25**
Title: The Effects of Setting on Tic Frequency in Individuals with Tic Disorders
Presentation time: 4:30 - 5:15 p.m.
Poster number: 6
Abstract number: 1015

**Marta Bacon ’25**
Title: Preliminary study: The Effect of Rhyme context on Word Recall in a complex span divided attention task
Presentation time: 4:30 - 5:15 p.m.
Poster number: 7
Abstract number: 1016

**Audrey BadjouenDzouabet ’24**
Title: Beyond the Classroom: The Micro- and Macrosystem of the School-to-Confinement Pathway
Presentation time: 4:30 - 5:15 p.m.
Poster number: 8
Abstract number: 1017

**Julius Bakke ’24**
Title: Community Organizing Internship
Presentation time: 4:30 - 5:15 p.m.
Poster number: 9
Abstract number: 1018

**Jens Bartel ’25**
Title: Decoding the Minimal Cell: Construction of a CRISPRi Library for JCVI-syn3B
Presentation time: 5:45 - 6:30 p.m.
Poster number: 9
Abstract number: 1019

**Batmend Batsaikhan ’24**
Title: Designing a Synchronous Integrated Development Environment for a Small-Scale Startup
Presentation time: 5:45 - 6:30 p.m.
Poster number: 10
Abstract number: 1020

**Nate Bauer ’24**
Title: Policy Analyst Intern at Mutual Aid Myanmar
Presentation time: 4:30 - 5:15 p.m.
Poster number: 10
Abstract number: 1021
Natalie Bax ‘24
Title: Modeling Ventilation Times of ICU Patients
Presentation time: 4:30 - 5:15 p.m.
Poster number: 11
Abstract number: 1022

Eden Bergene ‘25
Title: Consulting Internship
Presentation time: 5:45 - 6:30 p.m.
Poster number: 11
Abstract number: 1023

Alana Berger ‘24
Title: Towards Understanding the Photoluminescent Behavior of F8BT in Air
Presentation time: 5:45 - 6:30 p.m.
Poster number: 12
Abstract number: 1024

Jonathan Birgen ‘26
Title: Investigative Intern of Hennepin County Public Defender Office
Presentation time: 4:30 - 5:15 p.m.
Poster number: 12
Abstract number: 1025

Malachy Bloom ‘24
Title: Warm and Fuzzy Dark Matter during Cosmic Dawn
Presentation time: 5:45 - 6:30 p.m.
Poster number: 13
Abstract number: 1026

Sophie Boileau ‘24
Title: Parallel Algebraic Multigrid for Fusion and Higher Order Partial Differential Equations
Presentation time: 4:30 - 5:15 p.m.
Poster number: 13
Abstract number: 1027

Mariko Bolton ‘25
Title: Interning at Northern Clay Center
Presentation time: 4:30 - 5:15 p.m.
Poster number: 14
Abstract number: 1028

Max Borden ‘25
Title: Collection and Analysis of Biological Samples in Hydrothermal Vents
Presentation time: 4:30 - 5:15 p.m.
Poster number: 15
Abstract number: 1029
James Bradle ‘24
Title: Multifamily Marketing
Presentation time: 5:45 - 6:30 p.m.
Poster number: 14
Abstract number: 1030

Paloma Bravo ‘24
Title: BPA modulation of the cytokine environment
Presentation time: 4:30 - 5:15 p.m.
Poster number: 16
Abstract number: 1031

Micah Brown ‘27
Title: Project80 3.0: An Updated Student-Driven Framework for Creating Multimedia Educational Resources from Primary Literature
Presentation time: 5:45 - 6:30 p.m.
Poster number: 15
Abstract number: 1032

Lillian Buchman ‘24
Title: Quinceañera: Past and Present
Presentation time: 4:30 - 5:15 p.m.
Poster number: 17
Abstract number: 1033

Kevin Bui ‘24
Title: Navigating New Horizons: Our Startup's Odyssey
Presentation time: 4:30 - 5:15 p.m.
Poster number: 115
Abstract number: 1248

Henry Burkhardt ‘26
Title: Conflict and Control: Dispute Resolution and Community Stature on English Wikipedia
Presentation time: 5:45 - 6:30 p.m.
Poster number: 94
Abstract number: 1198

Kate Burton ‘24
Title: Impact of Oscillatory Fluid Flow on the BMP2 Signaling Pathway
Presentation time: 4:30 - 5:15 p.m.
Poster number: 18
Abstract number: 1034
Taia Bush ’24
Title: *Death in the Margins: On Academic and Civic Engagement with the Resting and the Living*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 19
Abstract number: 1035

Megan Cablk ’25
Title: *Long Time, No See! Resilience of Cotton-Top Tamarins' Memory Over a Two-Month Period*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 20
Abstract number: 1036

Huanchen Cai ’24
Title: *Attitudes Toward Mexican Immigrants: The Role of Christian Nationalism and Religiosity*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 21
Abstract number: 1037

Bee Candelaria ’24
Title: *Looking for Roman Mosaicists From the Ground Up*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 22
Abstract number: 1038

Kristoff Cao ’25
Title: *The Gridded Pandemic: Understanding Grassroot Party Organ’s Experience During the Zero-Covid Campaign*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 23
Abstract number: 1039

Ryan Cechini ’25
Title: *Interning In Juvenile Court*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 116
Abstract number: 1040

Title: *The Ethics of Paternalism*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 117
Abstract number: 1041

Ben Chamberlain Zivsak ’24
Title: *Investigating the Effects of Positive Feedback on Gender-Based “Brilliance” Acquisition and Self-Efficacy in Children*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 24
Abstract number: 1042
Martha Chan ’25
Title: Preliminary Study: Effects of Pb Exposure on Memory and Neuroinflammation in Young Mice
Presentation time: 5:45 - 6:30 p.m.
Poster number: 67
Abstract number: 1144

Miriam Chasnov ’25
Title: Financial Representative Intern at Northwestern Mutual
Presentation time: 4:30 - 5:15 p.m.
Poster number: 25
Abstract number: 1043

Amy Chen ’24
Title: Parasite Loads Vary by Reproductive Score in Threespine Stickleback
Presentation time: 5:45 - 6:30 p.m.
Poster number: 16
Abstract number: 1044

Lyn Chen ’26
Title: Information Security at SYSCOM
Presentation time: 4:30 - 5:15 p.m.
Poster number: 26
Abstract number: 1045

Jasmine Choi ’24
Title: Plan For Every Project (PFEP)
Presentation time: 5:45 - 6:30 p.m.
Poster number: 17
Abstract number: 1046

Woohyeok Choi ’26
Title: EYL Internship
Presentation time: 4:30 - 5:15 p.m.
Poster number: 27
Abstract number: 1047

Dorothy Si-Jhen Chou ’25
Title: RoboCup and IYRC: Exploring Professional Robotics in Taiwan
Presentation time: 4:30 - 5:15 p.m.
Poster number: 28
Abstract number: 1048
Evan Christensen ’24
Title: Interning at Slingwave, Inc.: Working Within a Marketing Analytics Startup
Presentation time: 4:30 - 5:15 p.m.
Poster number: 29
Abstract number: 1049

Luisa Cichowski ’24
Title: Land Access, Community, and Environmental Stewardship at Sharing Our Roots Farm
Presentation time: 4:30 - 5:15 p.m.
Poster number: 30
Abstract number: 1050

Arden Clauss ’24
Title: Improving Electron Diffraction Methods by Accounting for Beam-Induced Lattice Reorientation
Presentation time: 5:45 - 6:30 p.m.
Poster number: 18
Abstract number: 1051

Suwannee Conroy-Baarsch ’26
Title: Vermont: Income and Obligation Support During the COVID-19 Pandemic
Presentation time: 5:45 - 6:30 p.m.
Poster number: 119
Abstract number: 1052

Caroline Crampton ’25
Title: Impact of Fructose Consumption on Liver Function
Presentation time: 4:30 - 5:15 p.m.
Poster number: 31
Abstract number: 1053

Natalia Crimmel ’24
Title: Investigating the role of β-tubulin post-translational phosphorylation on chromosome segregation fidelity
Presentation time: 4:30 - 5:15 p.m.
Poster number: 32
Abstract number: 1054

Linzhu (Anna) Cui ’24
Title: Parental, Academic, and Societal Influences on Chinese Adolescents Mental Health
Presentation time: 5:45 - 6:30 p.m.
Poster number: 19
Abstract number: 1055
Ella Cunningham ’24
Title: Curbs, Compost, and Contentment!
Presentation time: 4:30 - 5:15 p.m.
Poster number: 33
Abstract number: 1056

Claudia d’Auria ’24
Title: Effect of DREADD-induced VMN Silencing On Paced Mating Behavior in Female Rat
Presentation time: 4:30 - 5:15 p.m.
Poster number: 91
Abstract number: 1191

Maika Danford ’24
Title: Studying Ellipsis with Indonesian Syntax
Presentation time: 5:45 - 6:30 p.m.
Poster number: 20
Abstract number: 1057

Ella Daniels-Koch ’25
Title: Communing with Others in Alaska’s Southeast
Presentation time: 5:45 - 6:30 p.m.
Poster number: 21
Abstract number: 1058

Nicole Dawson ’26
Title: Investigating the Function of of Arginine Methylation at Mutated Sites of the IBiD Domain of the CBP by CARM1
Presentation time: 5:45 - 6:30 p.m.
Poster number: 22
Abstract number: 1059

Micah Day-O’Connell ’25
Title: Bernard Williams on Morality and Alienation
Presentation time: 5:45 - 6:30 p.m.
Poster number: 120
Abstract number: 1060

Seven Delgado ’24
Title: Cultivating Creativity: Reflections on a Graphic Design Internship
Presentation time: 4:30 - 5:15 p.m.
Poster number: 34
Abstract number: 1061

Spencer Delle Fave ’25
Title: Characterizing Mutations in Human Mitochondrial Alanyl Aminoacyl-tRNA Synthetases
Presentation time: 5:45 - 6:30 p.m.
Poster number: 23
Abstract number: 1062
Theo Demetriades ’26
Title: Global Sensitivity Analysis
Presentation time: 4:30 - 5:15 p.m.
Poster number: 35
Abstract number: 1063

Lara Dominguez ’25
Title: Late-flowering asters (Symphyotrichum oolentangiense) escape pre-dispersal seed predation but maintain successful pollination
Presentation time: 5:45 - 6:30 p.m.
Poster number: 24
Abstract number: 1064

Luke Drake ’25
Title: Individual Cerebellar Granule Cell Activity Changes as Mice Learn Reward Timing
Presentation time: 5:45 - 6:30 p.m.
Poster number: 25
Abstract number: 1065

Gabe Driscoll ’24
Title: Simulating the HD 163296 Planet-Forming Disk
Presentation time: 5:45 - 6:30 p.m.
Poster number: 26
Abstract number: 1066

Shira Dubin ’25
Title: Forest Composition Influences Bird Diversity
Presentation time: 5:45 - 6:30 p.m.
Poster number: 27
Abstract number: 1067

Julia Dunn ’25
Title: Workers’ Rights and Labor Organizing at Colorado Jobs With Justice
Presentation time: 4:30 - 5:15 p.m.
Poster number: 36
Abstract number: 1068

Collin Eldridge ’25
Title: Modeling Uncertainty in Spatial Data
Presentation time: 5:45 - 6:30 p.m.
Poster number: 28
Abstract number: 1069

Nate Ellis ’24
Title: Investigative Intern of Hennepin County Public Defender Office
Presentation time: 4:30 - 5:15 p.m.
Poster number: 12
Abstract number: 1025
Grace Enz ‘26
Title: Refugee Resettlement: Summer Internship at the International Institute of Minnesota
Presentation time: 4:30 - 5:15 p.m.
Poster number: 37
Abstract number: 1070

Albert Ezem Osakwe ‘25
Title: What We Can Learn from French College Admissions Data
Presentation time: 4:30 - 5:15 p.m.
Poster number: 38
Abstract number: 1071

Julian Flanagan ‘27
Title: Segmental Labeling of Large Disordered Proteins using Sortase A
Presentation time: 4:30 - 5:15 p.m.
Poster number: 39
Abstract number: 1072

Isabel Folger ‘24
Title: The Anne Boleyn Illusion: Multisensory Integration, Somatotopic Remapping, and Body Schema Manipulation
Presentation time: 5:45 - 6:30 p.m.
Poster number: 29
Abstract number: 1073

Ty Folks ‘25
Title: From Confusion to Clarity: ChatGPT and R for Academic Advising
Presentation time: 5:45 - 6:30 p.m.
Poster number: 30
Abstract number: 1074

Emmett Forster ‘24
Title: Digging Up Dinner: Carleton Food Practices During the 20th Century
Presentation time: 5:45 - 6:30 p.m.
Poster number: 56
Abstract number: 1122

Title: Small Cycladic Islands Project 2021
Presentation time: 5:45 - 6:30 p.m.
Poster number: 89
Abstract number: 1189

Taaja Foster ‘24
Title: Chines Medicine
Presentation time: 4:30 - 5:15 p.m.
Poster number: 40
Abstract number: 1075
Anna Frankel ‘24  
Title: Summer Internship at Boston Outdoor Preschool Network  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 41  
Abstract number: 1076

Adele Fredericks ’25  
Title: Field Trial of Enhanced Silicate Weathering as a Carbon Dioxide Removal Technology  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 35  
Abstract number: 1087

Teddy Friedman ‘24  
Title: Characterization of Atmospheric Aerosols from Consumer Products in New York City  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 42  
Abstract number: 1077

Ambar Galaviz ’26  
Title: Carving Out Space: Freedom and Property of POC in Early America  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 32  
Abstract number: 1081

Grace Gatewood ‘24  
Title: Magnetic Configuration in Mesoscale Magnetic Dots  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 43  
Abstract number: 1078

Jeremy Gautama ’26  
Title: Summer Research Partnership in Cinema and Media Studies. The Wandering House ~ Sonic Archive  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 44  
Abstract number: 1079

Katherine Geist ’24  
Title: Molecular Dynamics Study of Cation Sites in Zeolites  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 31  
Abstract number: 1080
Riley Gibson ’26
Title: Carving Out Space: Freedom and Property of POC in Early America
Presentation time: 5:45 - 6:30 p.m.
Poster number: 32
Abstract number: 1081

Sam Gilbert ’24
Title: Not Afraid to Look: A Theological and Eschatological Interpretation.
Presentation time: 4:30 - 5:15 p.m.
Poster number: 45
Abstract number: 1082

Abigail Goff ’25
Title: “La Jeune Journaliste Américaine”: Broadcasting on French National Radio as a Journalism Intern in Paris, France
Presentation time: 4:30 - 5:15 p.m.
Poster number: 46
Abstract number: 1083

Zev Goldhaber-Gordon ’24
Title: A Broadband Microwave Alvarez Metalens
Presentation time: 5:45 - 6:30 p.m.
Poster number: 33
Abstract number: 1084

Alejandro Gonzalez ’24
Title: Financial Crimes Advanced Intern at PwC
Presentation time: 4:30 - 5:15 p.m.
Poster number: 47
Abstract number: 1085

Alex Gran ’25
Title: Mapping parameter dependence for tunneling and entanglement dynamics in the kicked top
Presentation time: 5:45 - 6:30 p.m.
Poster number: 34
Abstract number: 1086

Anna Greenlee ’24
Title: Field Trial of Enhanced Silicate Weathering as a Carbon Dioxide Removal Technology
Presentation time: 5:45 - 6:30 p.m.
Poster number: 35
Abstract number: 1087
Rachel Gregg ’25
Title: Field Trial of Enhanced Silicate Weathering as a Carbon Dioxide Removal Technology
Presentation time: 5:45 - 6:30 p.m.
Poster number: 35
Abstract number: 1087

Ben Griesel ’24
Title: Testing the potential of synthetic data to classify and predict breast cancer mortality based on repeat queries while evaluating ML algorithm performance
Presentation time: 5:45 - 6:30 p.m.
Poster number: 36
Abstract number: 1088

Lily Haas ’24
Title: The Virtual Viking Longship Project
Presentation time: 5:45 - 6:30 p.m.
Poster number: 37
Abstract number: 1089

Hannah Hackenmueller ’25
Title: Re-Interpreting Borehole Breakouts from Well Logs in Central California: Implications for Stresses in the San Andreas Fault System
Presentation time: 5:45 - 6:30 p.m.
Poster number: 38
Abstract number: 1090

Youssef Haddad ’25
Title: Simulating a 6T SRAM Circuit with a Novel, Light-Effect Transistor
Presentation time: 4:30 - 5:15 p.m.
Poster number: 48
Abstract number: 1091

Margaret Hall ’25
Title: Reprocessable, Disulfide-Containing Polyimides
Presentation time: 5:45 - 6:30 p.m.
Poster number: 39
Abstract number: 1092

Jackie Harris ’26
Title: Order-by-order Continuum Normalization of NEID Solar Spectra with RASSINE
Presentation time: 5:45 - 6:30 p.m.
Poster number: 40
Abstract number: 1093
Kyra Helmbold ’24
Title: Conflict and Control: Dispute Resolution and Community Stature on English Wikipedia
Presentation time: 5:45 - 6:30 p.m.
Poster number: 94
Abstract number: 1198

Simon Hempel-Costello ’24
Title: Simulation of Diffusion-Reaction Systems In Protein Crystals for X-Ray Crystallography
Presentation time: 4:30 - 5:15 p.m.
Poster number: 49
Abstract number: 1094

Emma Henry ’24
Title: Paralegal Intern at Streefland Law Firm
Presentation time: 5:45 - 6:30 p.m.
Poster number: 41
Abstract number: 1095

Andrew Hong ’24
Title: Algorithms for Exemplar-Based Modeling
Presentation time: 4:30 - 5:15 p.m.
Poster number: 50
Abstract number: 1096

Molly Howard ’24
Title: Affordable Housing in Northfield
Presentation time: 4:30 - 5:15 p.m.
Poster number: 51
Abstract number: 1097

Mattias Hoz ’25
Title: Juvenile Justice and Advocacy in the Fourth Judicial District
Presentation time: 4:30 - 5:15 p.m.
Poster number: 52
Abstract number: 1098

Margaret Hu ’26
Title: Enhancing Macrophage Phagocytosis of Leukemia Cells
Presentation time: 5:45 - 6:30 p.m.
Poster number: 42
Abstract number: 1099

Cassie Huang ’24
Title: Catalytic Aerobic C-H Bond Activation by Tris(Phosphinimato) Copper Complexes
Presentation time: 4:30 - 5:15 p.m.
Poster number: 53
Abstract number: 1100
Scott Hudson ’24  
Title: *Perceptions and Censorship of Marlene Dietrich in Nazi Germany and the Irish Free State*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 43  
Abstract number: 1101

Abby Ignasiak ’24  
Title: *The Proline-Rich Region of Hybrid Proline-Rich Proteins Drives Protein Localization to Chloroplasts in Plants*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 54  
Abstract number: 1102

Isabel Intrater ’26  
Title: *Video Mitigation Project at The Legal Aid Society*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 55  
Abstract number: 1103

Sam Isaacman ’24  
Title: *The Complexity of Criminal Justice*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 44  
Abstract number: 1104

Emery John ’24  
Title: *Understanding the Athamanians*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 56  
Abstract number: 1105

Marshall Johnson ’25  
Title: *Exploring Steric Considerations for Cobalt-Silylene Catalysis*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 45  
Abstract number: 1106

Trevor Jones ’24  
Title: *Sport Medicine Integration at St. Croix Soccer Club*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 46  
Abstract number: 1107

Nzingha Joseph ’25  
Title: *Stable Tamari Order*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 47  
Abstract number: 1108
Chrinovic Kabelu ‘26
Title: Simple Charity Internship: Fostering Community Engagement and Impact
Presentation time: 5:45 - 6:30 p.m.
Poster number: 48
Abstract number: 1109

Max Keller ‘25
Title: Simulating Ecological Speciation in Soft-Body Robots
Presentation time: 5:45 - 6:30 p.m.
Poster number: 49
Abstract number: 1110

Zaria Kelly ‘25
Title: The Queen of Hadrian’s Wall? Exploring Identities in Roman Britain Using Epigraphical Evidence
Presentation time: 4:30 - 5:15 p.m.
Poster number: 57
Abstract number: 1111

Liam Kennedy ‘24
Title: Long Time, No See! Resilience of Cotton-Top Tamarins' Memory Over a Two-Month Period
Presentation time: 4:30 - 5:15 p.m.
Poster number: 20
Abstract number: 1036

Aidan Khan ‘25
Title: Computational Exploration of the Role of Sterics in Silicon-Metal Cooperative Chemistry
Presentation time: 5:45 - 6:30 p.m.
Poster number: 60
Abstract number: 1130

Amanda Khouw ‘24
Title: Risk Factors and Infection Prevention Guidelines for Candida auris at a Large Academic Medical Center
Presentation time: 4:30 - 5:15 p.m.
Poster number: 58
Abstract number: 1112

Klara Kjome Fischer ‘26
Title: Balloon Altitude Analysis of Cosmic Ray Flux Experiment
Presentation time: 5:45 - 6:30 p.m.
Poster number: 50
Abstract number: 1113
Palmy Klangsathorn ’26
Title: Few-shot NER and Thai NER
Presentation time: 5:45 - 6:30 p.m.
Poster number: 51
Abstract number: 1114

Ellis Kondrashov ’25
Title: Qualitative Impacts of Community Based Cancer Outreach in Milwaukee's SE Asian Population
Presentation time: 5:45 - 6:30 p.m.
Poster number: 52
Abstract number: 1115

Fatima Koroma ’26
Title: Immigration in America through the Immigrant Law Center of Minnesota
Presentation time: 5:45 - 6:30 p.m.
Poster number: 53
Abstract number: 1116

Manoka Kozaki ’26
Presentation time: 4:30 - 5:15 p.m.
Poster number: 118
Abstract number: 1117

Kat Kresse ’26
Title: Concussion Alliance Summer Science Writing Intern
Presentation time: 5:45 - 6:30 p.m.
Poster number: 54
Abstract number: 1118

Amberly Kroha ’25
Title: Borehole Breakouts in Cemented Granular Rock Analogues
Presentation time: 4:30 - 5:15 p.m.
Poster number: 59
Abstract number: 1119

Esme Krohn ’24
Title: "The Best Interests of the Child:" Parental Claims in Nebraska Child Custody Cases, 1877-1924
Presentation time: 5:45 - 6:30 p.m.
Poster number: 55
Abstract number: 1120
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Presentation time</th>
<th>Poster number</th>
<th>Abstract number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ezra Kucur ’25</td>
<td><strong>Cell Biomechanics Lab: Microneedle Array Project</strong></td>
<td>4:30 - 5:15 p.m.</td>
<td>60</td>
<td>1121</td>
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<tr>
<td></td>
<td><strong>Digging Up Dinner: Carleton Food Practices During the 20th Century</strong></td>
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<td>Leo Kugel ’26</td>
<td><strong>Working at Department of Commerce's Economic Development Administration</strong></td>
<td>5:45 - 6:30 p.m.</td>
<td>57</td>
<td>1123</td>
</tr>
<tr>
<td>Kira Kunzman ’24</td>
<td><strong>Concussion Alliance: Working Administratively as a Science Writing Mentor</strong></td>
<td>4:30 - 5:15 p.m.</td>
<td>61</td>
<td>1124</td>
</tr>
<tr>
<td>Emily Lanegraff ’24</td>
<td><strong>Food Access Intern/Interim Program Assistant at the CAC</strong></td>
<td>5:45 - 6:30 p.m.</td>
<td>58</td>
<td>1125</td>
</tr>
<tr>
<td>Nahome Lantyderu ’26</td>
<td><strong>Understanding the Athamanians</strong></td>
<td>4:30 - 5:15 p.m.</td>
<td>56</td>
<td>1105</td>
</tr>
<tr>
<td>Alex Lattal ’26</td>
<td><strong>Gravitational-Wave Data Quality: Veto Algorithms</strong></td>
<td>4:30 - 5:15 p.m.</td>
<td>62</td>
<td>1126</td>
</tr>
<tr>
<td>Nick Lattal ’24</td>
<td><strong>Investigating the role of long-range Ret signaling in regulating Adar2a A-to-I editing in zebrafish posterior lateral line neurons</strong></td>
<td>5:45 - 6:30 p.m.</td>
<td>59</td>
<td>1127</td>
</tr>
</tbody>
</table>
**Tosh Le ’24**
Title: *ATLAS Detector Collisions in Virtual Reality*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 63
Abstract number: 1128

**Caroline Lee ’24**
Title: *Exploration of Deep-Sea Hydrothermal Vent Food Webs*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 64
Abstract number: 1129

**Claire Lee-Zacheis ’26**
Title: *Computational Exploration of the Role of Sterics in Silicon-Metal Cooperative Chemistry*
Presentation time: 5:45 - 6:30 p.m.
Poster number: 60
Abstract number: 1130

**Cynthia Leng ’25**
Title: *Uncovering Life Stories of Tibetan Women Through Text and Spatial Analysis*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 65
Abstract number: 1131

**Sophie Lenzer ’25**
Title: *Exploring the Effects of Leuprolide on Sprague Dawley Rats and Implications for Gender-Affirming Healthcare*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 66
Abstract number: 1132

**Rebecca Lerdau ’25**
Title: *Soil Seed Banks in Tropical Dry Forest*
Presentation time: 5:45 - 6:30 p.m.
Poster number: 61
Abstract number: 1133

**AJ LeSure ’24**
Title: *SayKid: The Importance of Conversational Design in Youth Education*
Presentation time: 5:45 - 6:30 p.m.
Poster number: 62
Abstract number: 1134

**Oliver Licht ’25**
Title: *Orbital Angular Momentum Mode Sorting in Free-Space Optical Communication Links*
Presentation time: 5:45 - 6:30 p.m.
Poster number: 63
Abstract number: 1135
Ammy Lin ’24
Title: Anthropology, History, and Politics: How National Identity is Reflected in Taiwanese Cuisine
Presentation time: 4:30 - 5:15 p.m.
Poster number: 67
Abstract number: 1136

Yuxin Lin ’24
Title: Charting Precision: Navigating Quality Assurance in Speech Recognition Technology
Presentation time: 4:30 - 5:15 p.m.
Poster number: 68
Abstract number: 1137

Maddy LoRusso ’23
Title: Long Time, No See! Resilience of Cotton-Top Tamarins' Memory Over a Two-Month Period
Presentation time: 4:30 - 5:15 p.m.
Poster number: 20
Abstract number: 1036

Bianca Lott ’26
Title: Small Cycladic Islands Project 2022
Presentation time: 5:45 - 6:30 p.m.
Poster number: 89
Abstract number: 1189

Eliza Lox ’25
Title: Solidarity Organizing with CTUL
Presentation time: 4:30 - 5:15 p.m.
Poster number: 69
Abstract number: 1143

Harald Lundberg ’24
Title: Should Generative AI Own What It Makes and Can We Plagiarize It?
Presentation time: 4:30 - 5:15 p.m.
Poster number: 119
Abstract number: 1138

Kunwu Lyu ’25
Title: Hopeless Resistance
Presentation time: 5:45 - 6:30 p.m.
Poster number: 121
Abstract number: 1139
Josey MacDonald ’25
Title: Fire-Induced Mass Flowering Allows Rattlesnake Master (Eryngium Yuccifolium) to Escape Pre-Dispersal Seed Predation by Larvae of the Moth Coleotechnites Eryngiella
Presentation time: 5:45 - 6:30 p.m.
Poster number: 84
Abstract number: 1176

Casey MacVeagh ’24
Title: Formulation and transfer of stimuli-responsive polymer capsules
Presentation time: 5:45 - 6:30 p.m.
Poster number: 64
Abstract number: 1140

Christopher Maring ’25
Title: Hidden Currents: A Novel Flow Sensor For Measuring Water Velocities within Biological Assemblages
Presentation time: 5:45 - 6:30 p.m.
Poster number: 65
Abstract number: 1141

Aydn Math ’24
Title: Applications of a Disease Dynamics Model to Crime Spread in California
Presentation time: 5:45 - 6:30 p.m.
Poster number: 66
Abstract number: 1142

Jemsy Mathew ’25
Title: Characterizing Mutations in Human Mitochondrial Alanyl Aminoacyl-tRNA Synthetases
Presentation time: 5:45 - 6:30 p.m.
Poster number: 23
Abstract number: 1062

Alex Mazur ’24
Title: Solidarity Organizing with CTUL
Presentation time: 4:30 - 5:15 p.m.
Poster number: 69
Abstract number: 1143

Sage McCann ’26
Title: Preliminary Study: Effects of Pb Exposure on Memory and Neuroinflammation in Young Mice
Presentation time: 5:45 - 6:30 p.m.
Poster number: 67
Abstract number: 1144
Alice McClain ’24
Title: Spleen Development Research
Presentation time: 4:30 - 5:15 p.m.
Poster number: 70
Abstract number: 1145

Chris Melo Mejia ’25
Title: Reviewing the Cognitive Benefits of Dance and Video games In Older Adults
Presentation time: 5:45 - 6:30 p.m.
Poster number: 68
Abstract number: 1146

Luis Miranda ’24
Title: Manipulating DNA Polymers With Magnetic Tweezers: A Computational Overview
Presentation time: 5:45 - 6:30 p.m.
Poster number: 69
Abstract number: 1147

Marjorie Mitalski ’24
Title: Summer Internship at the Rice County Historical Society
Presentation time: 4:30 - 5:15 p.m.
Poster number: 71
Abstract number: 1148

Griffin Momsen-Hudson ’25
Title: Global Middle Ages Summer Research
Presentation time: 5:45 - 6:30 p.m.
Poster number: 122
Abstract number: 1149

Alice Mongane ‘25
Title: Examining the pH Dependence of Hydroxynitrile Lyase
Presentation time: 4:30 - 5:15 p.m.
Poster number: 72
Abstract number: 1150

Keya Mookencherry ’25
Title: Concussion Research and Science Writing with Concussion Alliance
Presentation time: 4:30 - 5:15 p.m.
Poster number: 73
Abstract number: 1151

Nick Moore ’24
Title: Optogenetic Activation of Aggression-Promoting Neurons in Drosophila melanogaster
Presentation time: 5:45 - 6:30 p.m.
Poster number: 72
Abstract number: 1155
Ben More ’24
Title: A Recipe for Growth: My Summer with the Northfield Community Action Center Food Shelf
Presentation time: 5:45 - 6:30 p.m.
Poster number: 70
Abstract number: 1152

Henry Moshfeghi ’25
Title: Loving Eyes Foundation Internship Summer 2023
Presentation time: 4:30 - 5:15 p.m.
Poster number: 74
Abstract number: 1153

Katie Munro ’24
Title: A radioactivity-free assay for aminoacylation by alanyl-tRNA synthetase
Presentation time: 5:45 - 6:30 p.m.
Poster number: 71
Abstract number: 1154

Navya Murahari ’25
Title: Optogenetic Activation of Aggression-Promoting Neurons in Drosophila melanogaster
Presentation time: 5:45 - 6:30 p.m.
Poster number: 72
Abstract number: 1155

Wanying Na ’24
Title: Designing an In Vitro Stimulation Protocol to Test Immune Cell Activation by Gut Microbiome of Inflammation-Prone Mice
Presentation time: 4:30 - 5:15 p.m.
Poster number: 75
Abstract number: 1156

Shreya Nair ’24
Title: Diet, Exercise and the Gut Microbiome in Cancer
Presentation time: 5:45 - 6:30 p.m.
Poster number: 73
Abstract number: 1157

Mays Neiroukh ’25
Title: Leveraging Machine Learning in the Design of Novel Ionic Liquids
Presentation time: 4:30 - 5:15 p.m.
Poster number: 76
Abstract number: 1158

Jack Nelson ’24
Title: Bacterial Expression of Helminth Aminoacyl-tRNA Synthetases
Presentation time: 4:30 - 5:15 p.m.
Poster number: 2
Abstract number: 1003
Kate Ng ’24  
Title: *Understanding Heritage: Exploring Hong Kong Culture Through Hong Kong Cinema*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 77  
Abstract number: 1159

Quan Nguyen ’25  
Title: *Exploring Steric Considerations for Cobalt-Silylene Catalysis*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 45  
Abstract number: 1106

Tin Nguyen ’24  
Title: *Trust Based Relational Intervention: A Nonprofits’ Approach*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 78  
Abstract number: 1160

Tiffany Nyamao ’25  
Title: *Impact of Distance Reiki Among Patients with Multiple Myeloma*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 74  
Abstract number: 1161

Daniel Nykamp ’26  
Title: *An Online Tool to Search for False Gravitational Wave Signals*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 75  
Abstract number: 1162

Katie O'Leary ’25  
Title: *Effects of Phthalate on the Upper Limit of Detection of Ion-Selective Electrodes*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 76  
Abstract number: 1163

Anita Obor ’24  
Title: *Long Time, No See! Resilience of Cotton-Top Tamarins' Memory Over a Two-Month Period*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 20  
Abstract number: 1036

Jack Ochoa-Andersen ’24  
Title: *The Virtual Viking Longship Project*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 37  
Abstract number: 1089
Lindsay Okindo ’24  
Title: Washburn Center for Children - Family Focused Classroom Internship  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 79  
Abstract number: 1164

Brett Olson ’24  
Title: Preserving Performance at the Franklin Furnace Archive  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 77  
Abstract number: 1165

Karl Olson ’25  
Title: Chickens accelerate the increase in soil organic carbon and microbial activity in regenerative agricultural systems.  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 78  
Abstract number: 1166

Jamal Omosun ’26  
Title: Identifying and Classifying Misinformation About Cryptocurrencies on Twitter  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 80  
Abstract number: 1167

Arthur Onwumere ’24  
Title: Examining the Use of Research Evidence in Local Policymaking During COVID-19  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 79  
Abstract number: 1168

Evan Orjala ’24  
Title: The Global Middle Ages  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 120  
Abstract number: 1169

Title: Digging Up Dinner: Carleton Food Practices During the 20th Century  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 56  
Abstract number: 1122

Kritika Pandit ’26  
Title: The Virtual Viking Longship Project  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 37  
Abstract number: 1089
Joseph Park ’25
Title: Quantitative analysis of behavior during virtual navigation using DeepLabCut and Python
Presentation time: 5:45 - 6:30 p.m.
Poster number: 80
Abstract number: 1170

Audrey Parrott ’25
Title: Cytokine Profile of LRP1 Wild Type T Cells vs. LRP1 Knockout T Cells
Presentation time: 4:30 - 5:15 p.m.
Poster number: 81
Abstract number: 1171

Cate Patterson ’2023
Title: Parasite Loads Vary by Reproductive Score in Threespine Stickleback
Presentation time: 5:45 - 6:30 p.m.
Poster number: 16
Abstract number: 1044

Ian Paulson ’24
Title: A Test of EP Violations on Cooper Pairs
Presentation time: 5:45 - 6:30 p.m.
Poster number: 81
Abstract number: 1172

Doug Pham ’24
Title: Clash Detection Algorithm for Revit
Presentation time: 5:45 - 6:30 p.m.
Poster number: 82
Abstract number: 1173

David Pille ’24
Title: Synthesis of 3,4-disubstituted Pyrroles by Michael Addition Ring Closure
Presentation time: 5:45 - 6:30 p.m.
Poster number: 83
Abstract number: 1174

Eila Planinc ’26
Title: Claiming Inspiration and The Oma People of Laos
Presentation time: 4:30 - 5:15 p.m.
Poster number: 82
Abstract number: 1175

Nithin Poreddy ’25
Title: Preliminary Study: Effects of Pb Exposure on Memory and Neuroinflammation in Young Mice
Presentation time: 5:45 - 6:30 p.m.
Poster number: 67
Abstract number: 1144
**Will Puzella ’25**  
Title: *Fire-Induced Mass Flowering Allows Rattlesnake Master (Eryngium Yuccifolium) to Escape Pre-Dispersal Seed Predation by Larvae of the Moth Coleotechnites Eryngiella*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 84  
Abstract number: 1176

**Ryan Quinn ’25**  
Title: *Mapping parameter dependence for tunneling and entanglement dynamics in the kicked top*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 34  
Abstract number: 1086

**Anka Raicevic ’25**  
Title: *Long Time, No See! Resilience of Cotton-Top Tamarins' Memory Over a Two-Month Period*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 20  
Abstract number: 1036

**Daanyal Raja ’25**  
Title: *Retinopathy of Prematurity Telemedicine Screening: Biweekly Screening After 40 Weeks Postmenstrual Age*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 83  
Abstract number: 1177

**Sophie Rast ’24**  
Title: *The Bing Crosby House Museum*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 84  
Abstract number: 1178

**Cat Reed ’26**  
Title: *Digging Up Dinner: Carleton Food Practices During the 20th Century*  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 56  
Abstract number: 1122

**Drew Rodriguez-Michel ’25**  
Title: *Summer Research Partnership in Cinema and Media Studies. The Wandering House ~ Sonic Archive*  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 44  
Abstract number: 1079
Natalia Ron-Lopez ’25
Title: Start a Riot: Thinking the Possibility of a Politics of Excess
Presentation time: 5:45 - 6:30 p.m.
Poster number: 85
Abstract number: 1179

Ayanna Rose ’25
Title: Multicultural Planning and Migrant Acculturation
Presentation time: 4:30 - 5:15 p.m.
Poster number: 85
Abstract number: 1180

Adam Rothman ’25
Title: The Past and Future of Detecting the Smallest Particle in the Universe: A Livingston-Style Historical Literature Review of Neutrino Detectors
Presentation time: 4:30 - 5:15 p.m.
Poster number: 86
Abstract number: 1181

Title: My Communications Internship at the Office of Governor Walz and Lieutenant Governor Flanagan
Presentation time: 4:30 - 5:15 p.m.
Poster number: 87
Abstract number: 1182

Charlie Ruppe ’26
Title: Magnetic Configuration in Mesoscale Magnetic Dots
Presentation time: 4:30 - 5:15 p.m.
Poster number: 43
Abstract number: 1078

Lia Salomon ’25
Title: Juneau Icefield Research Program
Presentation time: 5:45 - 6:30 p.m.
Poster number: 86
Abstract number: 1183

Josh Sampson ’26
Title: Negative Correlation Between Copepod Age and Vulnerability to S. Solidus Infection
Presentation time: 4:30 - 5:15 p.m.
Poster number: 88
Abstract number: 1184
Hermela Samuel ’26
Title: Serving at the Ethiopian Community Support and Advocacy Center (ECSAC) Engaging Community Needs and Establishing Integrative Initiatives
Presentation time: 4:30 - 5:15 p.m.
Poster number: 89
Abstract number: 1185

Natalie Sanchez ’24
Title: Preliminary Study: Effects of Pb Exposure on Memory and Neuroinflammation in Young Mice
Presentation time: 5:45 - 6:30 p.m.
Poster number: 67
Abstract number: 1144

Jake Schaefer ’26
Title: Modeling Planet Forming Disk HD 163296 with Differential Evolution
Presentation time: 4:30 - 5:15 p.m.
Poster number: 90
Abstract number: 1186

Luna Schindler-Payne ’26
Title: Interning at the Washington Observer
Presentation time: 5:45 - 6:30 p.m.
Poster number: 87
Abstract number: 1187

Ian Scott ’24
Title: Youth Reconciliation Abroad: Art and Conversation in Northern Ireland
Presentation time: 5:45 - 6:30 p.m.
Poster number: 88
Abstract number: 1188

Victoria Semmelhack ’25
Title: Small Cycladic Islands Project 2023
Presentation time: 5:45 - 6:30 p.m.
Poster number: 89
Abstract number: 1189

Sonia Shah ’24
Title: Psychophysiology and Social Experiences
Presentation time: 5:45 - 6:30 p.m.
Poster number: 90
Abstract number: 1190
Ted Shao ’25
Title: Effect of DREADD-induced VMN Silencing On Paced Mating Behavior in Female Rat
Presentation time: 4:30 - 5:15 p.m.
Poster number: 91
Abstract number: 1191

Zack Shawn ’26
Title: Summer Assistant at Curbside Compost Co-op
Presentation time: 5:45 - 6:30 p.m.
Poster number: 91
Abstract number: 1192

Frank Sheffield ’24
Title: Smooth Muscle and Inflammatory Markers are Increased in Obliterans Bronchiolitis Lungs
Presentation time: 5:45 - 6:30 p.m.
Poster number: 92
Abstract number: 1193

Samantha Sheridan ’24
Title: Modeling Uncertainty in Spatial Data
Presentation time: 5:45 - 6:30 p.m.
Poster number: 28
Abstract number: 1069

Sarah Shi ’26
Title: Examining structure-based mutants in the exocyst complex for gain of function activity
Presentation time: 5:45 - 6:30 p.m.
Poster number: 93
Abstract number: 1194

Ellie Simon ’25
Title: Urban Dynamics in Hellenistic Greece
Presentation time: 4:30 - 5:15 p.m.
Poster number: 92
Abstract number: 1195

Title: Digging Up Dinner: Carleton Food Practices During the 20th Century
Presentation time: 5:45 - 6:30 p.m.
Poster number: 56
Abstract number: 1122

Phoebe Sinner ’24
Title: Plasmid Design in Engineered Genetic Incompatibility of Drosophila suzukii
Presentation time: 4:30 - 5:15 p.m.
Poster number: 93
Abstract number: 1196
Muno Siyakurima ’24
Title: Educating Kids with Voice Interactive Games
Presentation time: 4:30 - 5:15 p.m.
Poster number: 94
Abstract number: 1197

Dylan Smith ’24
Title: Conflict and Control: Dispute Resolution and Community Stature on English Wikipedia
Presentation time: 5:45 - 6:30 p.m.
Poster number: 94
Abstract number: 1198

Maddie Smith ’24
Title: The Virtual Viking Longship Project
Presentation time: 5:45 - 6:30 p.m.
Poster number: 37
Abstract number: 1089

Lizzet Solache Salgado ’25
Title: A radioactivity-free assay for aminoacylation by alanyl-tRNA synthetase
Presentation time: 5:45 - 6:30 p.m.
Poster number: 71
Abstract number: 1154

Charlie Solomon ’25
Title: Understanding the Athamanians
Presentation time: 4:30 - 5:15 p.m.
Poster number: 56
Abstract number: 1105

Nicholas Spezia-Shwiff ’24
Title: The Global Middle Ages
Presentation time: 4:30 - 5:15 p.m.
Poster number: 121
Abstract number: 1199

Brayden Stark ’24
Title: Mutual Aid Myanmar International Aid and Grant Writing
Presentation time: 4:30 - 5:15 p.m.
Poster number: 95
Abstract number: 1200

Title: Examining State-Level Social Assistance
Presentation time: 5:45 - 6:30 p.m.
Poster number: 95
Abstract number: 1201
Marko Stojanovic ’24
Title: The LA Media Intern Experience
Presentation time: 4:30 - 5:15 p.m.
Poster number: 96
Abstract number: 1202

Micah Jay (MJ) Strike ’24
Title: Immune Response to Temperature and Light-Induced Bleaching in the Model Anemone Exaiptasia diaphana
Presentation time: 5:45 - 6:30 p.m.
Poster number: 96
Abstract number: 1203

Mia Strubel Iram ’25
Title: Researching Extremism with the World Jewish Congress (WJC)
Presentation time: 4:30 - 5:15 p.m.
Poster number: 97
Abstract number: 1204

Daphne Suh ’24
Title: Social Mobility Beliefs in Children: Findings from SMG3
Presentation time: 4:30 - 5:15 p.m.
Poster number: 98
Abstract number: 1205

Ben Szeto ’26
Title: UBP10 Effect on Gross Chromosomal Rearrangement in Sacharomyces Cerevisiae
Presentation time: 4:30 - 5:15 p.m.
Poster number: 99
Abstract number: 1206

Brandon Szeto ’25
Title: ToyBot Basketball and Football
Presentation time: 4:30 - 5:15 p.m.
Poster number: 100
Abstract number: 1207

Misaki Taniguchi ’26
Title: Bison Wallows Increase the Heterogeneity of Soil Microbial Processes in Prairies
Presentation time: 5:45 - 6:30 p.m.
Poster number: 97
Abstract number: 1208
Maeva Tchouaffe ’25
Title: How the Compounds Potassium Permanganate and Potassium Ferrate Eliminate Water Pollution
Presentation time: 4:30 - 5:15 p.m.
Poster number: 101
Abstract number: 1209

Nia Terry ’26
Title: Doing Good with WalkGood: Community Health and Wellness in Los Angeles
Presentation time: 5:45 - 6:30 p.m.
Poster number: 98
Abstract number: 1210

Brian Thevenot ’26
Title: Judicial Summer Internship
Presentation time: 4:30 - 5:15 p.m.
Poster number: 102
Abstract number: 1211

Bella Thomas ’25
Title: Improved Cause-Specific Mortality Estimation Via Modular and Local Calibration of Verbal Autopsy (VA) Data
Presentation time: 5:45 - 6:30 p.m.
Poster number: 99
Abstract number: 1212

Stella Thompson ’26
Title: Summer of Sweat and Skill-building at WWCD92.9 FM
Presentation time: 4:30 - 5:15 p.m.
Poster number: 103
Abstract number: 1213

Blake Tran ’24
Title: Heavy Metal Contamination of Philadelphia Play Area Soil
Presentation time: 5:45 - 6:30 p.m.
Poster number: 100
Abstract number: 1214

Thea Traw ’25
Title: Facilitating Visual Comparison of Clonal Trees
Presentation time: 5:45 - 6:30 p.m.
Poster number: 101
Abstract number: 1215
Josiah Tusler ’25  
Title: Solar Parameters and Their Role in the Deep Underground Neutrino Experiment (DUNE)  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 102  
Abstract number: 1216

Kate Ulrich ’25  
Title: Investigating TFRC Prevalence in Small Cell Lung Cancer  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 103  
Abstract number: 1217

Evan Umbreit ’26  
Title: Studying the Eruptive Processes of the Submarine Stratovolcano, Bogoslof  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 104  
Abstract number: 1218

Vasilii Vaganov ’24  
Title: Developing a highly efficient, multiplexable, photosensitized proximity labeling technology  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 104  
Abstract number: 1219

Marycruz Valdivia Acosta ’24  
Title: Amor and Autism: Latine Parents Values of  
Presentation time: 5:45 - 6:30 p.m.  
Poster number: 105  
Abstract number: 1220

Isabella Vazquez ’24  
Title: The Role of Art in Medicine  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 105  
Abstract number: 1221

Aniketh Vipparla ’24  
Title: Mammalian CHMP3 effects on a S. cerevisiae model of retrotransposition  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 106  
Abstract number: 1222

Grace Wallace-Jackson ’24  
Title: What does "the Commons" mean?  
Presentation time: 4:30 - 5:15 p.m.  
Poster number: 107  
Abstract number: 1223
Alex Wang ’26
Title: “Hallelujah, Socialism!”: An Attempt to Explain Jonestown
Presentation time: 5:45 - 6:30 p.m.
Poster number: 123
Abstract number: 1224

Emerald Wang ’25
Title: epilepsy research in Boston Children's Hospital
Presentation time: 5:45 - 6:30 p.m.
Poster number: 106
Abstract number: 1225

Nathan Wang ’26
Title: Investigating Two-Component Gas Adsorption in Zeolites
Presentation time: 5:45 - 6:30 p.m.
Poster number: 114
Abstract number: 1238

Noel Wang ’25
Title: Summer on the Masumoto Family Farm
Presentation time: 4:30 - 5:15 p.m.
Poster number: 108
Abstract number: 1226

Xi Wang ’26
Title: The dilemma: in the midst of development and preservation
Presentation time: 5:45 - 6:30 p.m.
Poster number: 107
Abstract number: 1227

Caleb Wataoka ’24
Title: Discovering Identity in Japan through Music
Presentation time: 5:45 - 6:30 p.m.
Poster number: 108
Abstract number: 1228

Emma Watson ’2023
Title: Field Trial of Enhanced Silicate Weathering as a Carbon Dioxide Removal Technology
Presentation time: 5:45 - 6:30 p.m.
Poster number: 35
Abstract number: 1087

Amelia Watt ’25
Title: Investigating the Legacy of Art as a Form of Resistance in the Wake of the Regime of Nicolae Ceausescu
Presentation time: 5:45 - 6:30 p.m.
Poster number: 109
Abstract number: 1229
Liwei Weng ’25
Title: Sustainability Internship at City of Northfield
Presentation time: 4:30 - 5:15 p.m.
Poster number: 109
Abstract number: 1230

Grace Werner ’24
Title: Interning at the Immigrant Law Center of MN
Presentation time: 4:30 - 5:15 p.m.
Poster number: 110
Abstract number: 1231

Luke Wharton ’25
Title: Software Design Internship- Tag Video Systems
Presentation time: 5:45 - 6:30 p.m.
Poster number: 110
Abstract number: 1232

Ella Wiegman ’25
Title: Analyzing Phenotypic Characteristics of Clostridioides difficile Mutants
Presentation time: 5:45 - 6:30 p.m.
Poster number: 111
Abstract number: 1233

Augustus Williams ’24
Title: Sample Size Applet for SMARTs
Presentation time: 5:45 - 6:30 p.m.
Poster number: 112
Abstract number: 1234

Faith Williams ’26
Title: Learning about Learning: Reflecting on a Middle School Summer STEAM Internship
Presentation time: 4:30 - 5:15 p.m.
Poster number: 111
Abstract number: 1235

Linnea Williams ’26
Title: Late-flowering asters (Symphyotrichum oolentangiense) escape pre-dispersal seed predation but maintain successful pollination
Presentation time: 5:45 - 6:30 p.m.
Poster number: 24
Abstract number: 1064

Alex Wilson ’24
Title: Global Middle Ages
Presentation time: 4:30 - 5:15 p.m.
Poster number: 122
Abstract number: 1236
Maya Wolff ’24
Title: Research on Addictive, Compulsive, and Impulsive Disorders
Presentation time: 5:45 - 6:30 p.m.
Poster number: 113
Abstract number: 1237

Henry Wolters ’26
Title: Investigating Two-Component Gas Adsorption in Zeolites
Presentation time: 5:45 - 6:30 p.m.
Poster number: 114
Abstract number: 1238

Sofia Woodruff ’25
Title: Is First-Order Learning Separate From Mini-Grammars?
Presentation time: 5:45 - 6:30 p.m.
Poster number: 115
Abstract number: 1239

Crystal Wu ’24
Title: Field Trial of Enhanced Silicate Weathering as a Carbon Dioxide Removal Technology
Presentation time: 5:45 - 6:30 p.m.
Poster number: 35
Abstract number: 1087

Yiming Xia ’24
Title: DESIGNING BIN-PICKING ROBOT for HARDWARE STORE
Presentation time: 5:45 - 6:30 p.m.
Poster number: 116
Abstract number: 1240

Andy Yang ’24
Title: State-level Social Assistance Responses to the COVID-19 Pandemic between 2020-2021
Presentation time: 4:30 - 5:15 p.m.
Poster number: 123
Abstract number: 1241

Hope Yu ’26
Title: The Global Middle Ages: Pacific Islands, Pirates, & Expansive Interconnection
Presentation time: 4:30 - 5:15 p.m.
Poster number: 124
Abstract number: 1242

Eric Yuan ’25
Title: Research Group on State-Level Emergency Welfare
Presentation time: 4:30 - 5:15 p.m.
Poster number: 125
Abstract number: 1243
Xingyi Zhang ’24
Title: *Optimal Constructions for DNA Self-Assembly of k-Regular Graphs*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 112
Abstract number: 1244

Yichen Zhang ’24
Title: *Geriatric Depression Symptoms during COVID-19*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 113
Abstract number: 1245

Hank Zhao ’25
Title: *Establishing My Career in Data Science: Summer Internship at Slingwave*
Presentation time: 5:45 - 6:30 p.m.
Poster number: 117
Abstract number: 1246

Eric Zhou ’26
Title: *Computational Evaluation of Cell-to-Cell Interactions in Cancer Immunotherapy Data*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 114
Abstract number: 1247

Tan Zhou ’25
Title: *Navigating New Horizons: Our Startup's Odyssey*
Presentation time: 4:30 - 5:15 p.m.
Poster number: 115
Abstract number: 1248