

Tim Abbott '26

Title: The Carleton Guide to Medieval Rome

Poster Number: 217

Nafees Abdullah '28

Title: Project Pericles: Evaluating Civic Engagement

Poster Number: 1

Genevieve Agati '28

Title: Internship in the Thielen Lab at the University of Minnesota - Twin Cities Department of Pediatrics

Poster Number: 2

Vivian Agugo '26

Title: You're Not Alone: Barriers to Studying Diverse Participants in Relationship Science

Poster Number: 3

Jocelyn Akst '27

Title: Wildlife Medicine and Rehabilitation in Maryland

Poster Number: 4

Omar Alsaad '26

Title: Summer internship at the World Bank

Poster Number: 5

Alyssa Alvarez '26

Title: What it Means to be Self-Sustaining: Exploring Farm-to-Table Practices & Land Stewardship in Alaska

Poster Number: 6

Cyrus Anderson '28

Title: Using the Cre-lox System to Investigate Lung Function and Disease in Mouse Models

Poster Number: 7

Hans Anderson '26

Title: Cyclin D1 Beyond The Cell Cycle: The Metabolic Regulation of ASS1 In t(11;14) Multiple Myeloma

Poster Number: 8

Reese Anderson '26

Title: Strategically Customizing Climate Action Plans using Social Marketing

Poster Number: 9

Hannah Anderson-Brownlee '26

Title: From the Courtroom to Change: Insights and Recommendations Through Court-Watching Protection from Abuse Hearings

Poster Number: 10

Pilar Andruet '27

Title: Surveying Springs in the Driftless

Poster Number: 143

David Appel '28

Title: Paced Mating Behavior After Altering D1:D2 Receptor Ratio Activation in Sexually Naive and Experienced Rats

Poster Number: 11

Defne Arat '27

Title: Development and Grant Writing Internship at Red Hen Press

Poster Number: 12

Roan Arendtsz '27

Title: Exploring Equivalent Width Precision Limits in the HPF Spectrograph

Poster Number: 13

Elisabeth Arnell '27

Title: Computational Investigation of the Gas Adsorptive Properties of Zeolites in Energy-Relevant Applications

Poster Number: 156

Miranda Asad '28

Title: Sex Differences in Boxelder (*Acer negundo*) Flowering Phenology

Poster Number: 161

Rocio Avila '26

Title: Selective ¹⁵N Isotopic Labeling For Large HIV RNA NMR

Poster Number: 14

Rachel Azan '26

Title: Reverse Engineering Plate Reader Data for Backend Coding

Poster Number: 15

Lydia Bacigalupo '26

Title: DKT International: Combining SRH and Marketing

Poster Number: 16

Laure Back '27

Title: Cultural Research in Iceland

Poster Number: 17

Jonah Barer '26

Title: Urban Tree Equity in the Bay Area

Poster Number: 18

Jack Bartlett '27

Title: Teaching Shakespeare: Theater and Twelfth Night

Poster Number: 19

Jack Bartlett '27

Title: Teaching Shakespeare: Theater and Twelfth Night

Poster Number: 181

Peter Berganross '26

Title: Juneau Icefield Research Program

Poster Number: 20

Bryce Bernstein '26

Title: Developing and Designing an Autonomous Underwater Vehicle

Poster Number: 21

Pranit Bhuvan '28

Title: Transfection of CRISPR-A Constructs into N2A Mouse Cell Lines to Increase CHD8 Expression

Poster Number: 22

Agnes Boahen '28

Title: Exploring the Effects of hurricanes on Coral Stability using Flow-Kick Models

Poster Number: 64

Nico Bolling '27

Title: Can Disturbance Signals be Detected and Purged to Improve Paleoclimate Fidelity of *Thuja occidentalis* Tree Ring Chronologies?

Poster Number: 23

Anna Borkowski '26

Title: Interning at Advanced Ophthalmology of Michiana

Poster Number: 24

Ahana Bose '27

Title: Isolation of Human PBMCs and Checking Expression of Neuropilin-2 using Immunofluorescence

Poster Number: 25

Vivian Bradner-Young '26

Title: New York State Psychiatric Institute Internship

Poster Number: 26

Tony Brown '27

Title: Summer Internship at the New Mexico Immigrant Law Center

Poster Number: 27

Claire Burbery '26

Title: Hatching Dynamics in *Schistocephalus solidus* are Influenced by the Timing of Egg Laying

Poster Number: 28

Henry Burkhardt '26

Title: Software Engineering Internship

Poster Number: 29

Lily Burrows '26

Title: Beyond Displays: Discovering the Backrooms of the Denno Museum Center

Poster Number: 30

Peter Calabrese '26

Title: Intermittent Fasting Mitigates Pulmonary Vascular Disease Severity in a Preclinical Model of Pulmonary Hypertension due to Lung Disease

Poster Number: 31

Foster Carroll '27

Title: Gamma-ray Spectroscopy with High Purity Germanium Detectors

Poster Number: 32

Amelia Carson '27

Title: Field and Experimental Constraints on Carbon Dioxide Removal Potential of Basalt Applied to Acidic Soils in the Midwest

Poster Number: 147

Jodie Chan '28

Title: The Role of IFN- γ and Dendritic Cells in the Immune Response to FVIII

Poster Number: 33

Lauren Chauv '27

Title: Cross-presented serine proteases as immunotherapy targets for lung cancer and osteosarcoma

Poster Number: 34

Kaitlyn Chen '26

Title: Selective Activation of the Orexin Pathway: SA8Y7S as a Potential Therapy for Colon Cancer via OX1R

Poster Number: 35

Selina Chen '26

Title: Role of Septin 4, 5, and 7 in the Development of Cardiac Fibrosis

Poster Number: 36

Long Cheng '28

Title: Entropy Growth and Operator Complexity in Quantum Walks: From Integrability to Chaos

Poster Number: 37

Pablo Christofferson '26

Title: On the Resolvent Degree of $PSU(3, q)$.

Poster Number: 38

Joanne Chung '26

Title: Housing Policy and Research Internship at NHC

Poster Number: 39

Joanne Chung '26

Title: Examining Elections: Political News Coverage by Local, National, and Cable News Providers

Poster Number: 99

Sam Chutkow '26

Title: Chart Review of Video Fluoroscopic Swallow Studies in BWH's Level III NICU

Poster Number: 40

Jack Cieslowski '26

Title: Paced Mating Behavior After Altering D1:D2 Receptor Ratio Activation in Sexually Naive and Experienced Rats

Poster Number: 11

Makayla Clark '27

Title: The Politics of Black Empowerment in the Americana Aesthetics of Beyoncé

Poster Number: 41

Will Clausman '26

Title: Understanding The Just Wage Framework

Poster Number: 42

Jesse Cogan

Title: Project Machu Asillo: Inca Sector, 2025

Poster Number: 44

Ximena Colmenares '28

Title: Statistics of Forensic Decision-Making

Poster Number: 142

Rose Combs '28

Title: Fred Hutch Cancer Center: Small Cell Lung Cancer Research

Poster Number: 43

Suwannee Conroy-Baarsch '26

Title: Project Machu Asillo: Inca Sector, 2025

Poster Number: 44

Caroline Cooper '26

Title: Historical Preservation Advocacy & Education, Summer 2025 at Historic Seattle

Poster Number: 45

Jackson Corcoran '26

Title: Broadcasting with the Bethesda Big Train

Poster Number: 46

Lizzie Coy-Bjork '27

Title: All The World's A Stage” - Teaching At the Great River Shakespeare Festival In Winona Minnesota

Poster Number: 47

Lizzie Coy-Bjork '27

Title: “All The World's A Stage” - Teaching At the Great River Shakespeare Festival In Winona Minnesota

Poster Number: 206

Karla Cruz Sanchez '26

Title: Murray Research Archive Data Intern

Poster Number: 48

Dylann Cullinane '26

Title: University of Michigan Psychoneuroimmunology Lab - Funded Summer Internship

Poster Number: 49

Dylann Cullinane '26

Title: Moderate Levels of Lead Exposure May Impair Learning, Cognitive Flexibility, and Long-term Memory in Young Mice

Poster Number: 50

Aidan Cunningham '26

Title: Republican China at Bretton Woods

Poster Number: 51

Charlotte Darras '27

Title: Interning at the Paris Country Club

Poster Number: 52

Nicole Dawson '26

Title: Investigating the role of translesion synthesis polymerases on translocations at interstitial telomere-like sites in *Saccharomyces cerevisiae*

Poster Number: 53

Mariana De Aguiar Féo '28

Title: What on Earth is ALAN?: DarkSky International and the fight against light pollution

Poster Number: 54

Theo Demetriades '26

Title: Modeling Access Patterns for a Shared GPU

Poster Number: 55

Devin Dennis '26

Title: Summer 2025 Internship at Regnos (Tech Startup)

Poster Number: 56

Clara Devey '27

Title: Laura Baker Services Association Public Policy Intern

Poster Number: 57

Charles Dickey '26

Title: Chicago Rat Project

Poster Number: 58

Ruby Dirks '26

Title: Environmental Policy and Advocacy Internship at Sheep Mountain Alliance

Poster Number: 59

Avery Dunn '26

Title: Isolating the Subunits of Calpain-7 to Determine Novel Substrates and Interactors

Poster Number: 60

Guinevere Dunn '28

Title: Raising Minnesota Wildlife

Poster Number: 61

Mariana Duran Amaya '27

Title: Advancing Access to Justice: Social Justice Internship at the Binger Center for New Americans

Poster Number: 62

Amir Etemadi '27

Title: EVALUATING OUTCOMES OF A PERIOPERATIVE NUTRITION PROGRAM FOR HEAD AND NECK CANCER SURGERY PATIENTS: A RETROSPECTIVE ANALYSIS

Poster Number: 63

Jasmin Fallin '28

Title: Exploring the Effects of hurricanes on Coral Stability using Flow-Kick Models

Poster Number: 64

Sivan Faruqui '26

Title: Corporate Finance at Thomson Reuters

Poster Number: 65

Mary Precious Feutsop Ngouane '27

Title: Investigating the Evolution of Milky Way-like Galaxies Using the Metallicity of Accreted Stars

Poster Number: 66

Kjome Fischer '28

Title: Sex Differences in Boxelder (*Acer negundo*) Flowering Phenology

Poster Number: 161

Julian Flanagan '26

Title: Aminoacyl-tRNA Synthetases from a Fish Tapeworm

Poster Number: 67

Bridget Foley '27

Title: International Sales at Infopro Digital

Poster Number: 68

Roland Foster '28

Title: Working as a Public Defender

Poster Number: 69

Margaret Frost '27

Title: Sexual experience alters the rewarding effects of morphine and amphetamine in female Long-Evans rats

Poster Number: 70

Brynn Gaebe '26

Title: Orthopedic Research Internship at Children's Hospital Colorado

Poster Number: 71

Ambar Galaviz Navarrete '26

Title: Rewriting England: Early Gothic Literature and Catholicism

Poster Number: 72

Yinan Gao '26

Title: Ligand Enabled Enantioselective α -Hydroarylation of Vinylheteroarenes

Poster Number: 73

Benjamin Garcia '26

Title: Craft Brewing Internship in Niyodogawa, Japan

Poster Number: 74

Juan Garcia Reyes '26

Title: "Pues nos usaron. Regalamos nuestros mejores años": A Sociological Study of Aging in Older Latin-American Immigrants in the US

Poster Number: 75

Lillie Geil '26

Title: Administration and Community Engagement Intern at Prison Pet Partnership

Poster Number: 76

Riley Gibson '26

Title: Mapping the World: Nuremberg to Northfield

Poster Number: 77

Christine Gichimu '26

Title: GROWTH AND REFLECTION THROUGH SERVICE ABROAD

Poster Number: 78

Khava Gillespie '27

Title: Impacts of Shared Identity and Experience on Felt Understanding

Poster Number: 79

David Gimelfarb '27

Title: My Summer Internship: Publishing Scientific Papers and Presenting at an International Conference

Poster Number: 80

Kiana Giuliani '27

Title: Progress Towards More Efficient Catalysis at Co=Si Bonds

Poster Number: 81

Madeleine Goldberger '28

Title: Examining Elections: Political News Coverage by Local, National, and Cable News Providers

Poster Number: 98

Maxima Gomez-Palmer '26

Title: Gut Bacteria Diversity Predicts Bib Feather Brightness in Common Yellowthroats

Poster Number: 82

Adrián González '26

Title: Phylogenetic Insights into Nutrient Limitation: Mapping the History of Iron, Nitrogen, and Phosphorus Scavenging in Microbes

Poster Number: 83

Olivia Gottlieb '28

Title: Summer at the Massachusetts State House

Poster Number: 84

Rilke Grimlund '26

Title: Controlled Protein Unfolding Using Ion Mobility

Poster Number: 85

Alexander Grosse '26

Title: Exploring the Developmental Relationship Between BND1 and BND2 cells as it Relates to T1D

Poster Number: 86

Aselya Gullickson '26

Title: Royal Structures, Macedonian Kings, Magical Objects, and Identity in Ancient Northern Greece

Poster Number: 87

Bensen Han '27

Title: Museum at Dinosaur Junction

Poster Number: 88

Trinity Hanif '26

Title: Building Connections Across Borders

Poster Number: 89

Arthur Hanson '26

Title: Neurointervention for Intracranial Atherosclerotic Disease

Poster Number: 90

Alden Harcourt '27

Title: CLM Ventures Internship Experience

Poster Number: 91

Katelyn Harder '26

Title: You're Not Alone: Barriers to Studying Diverse Participants in Relationship Science

Poster Number: 3

Oscar Hayes '28

Title: My Time as a Judicial Intern at the Bronx Criminal Court

Poster Number: 92

Zoe Heart '26

Title: Analysis of Outcomes of Gillette Rehabilitation Therapies as Measured by the COPM Change Score

Poster Number: 93

Eleanor Hebard '26

Title: In Vitro Selection of DNAzymes for Protein Lysine Acylation

Poster Number: 94

Perry Hefferren-Harkless '27

Title: Arb Exhibit Project Manager

Poster Number: 95

Katie Hess '26

Title: Engineering Salmonella for Localized Endostatin Delivery

Poster Number: 96

Jordyn Hirte '27

Title: Immunofluorescence Reveals Antibodies Derived from Patient Tumor-Infiltrating B Cells Bind to Human and Mouse Melanoma Cells

Poster Number: 97

Caitlyn Holl '28

Title: Achieving Full Coverage of the SME Minimal Matter Sector

Poster Number: 128

Sonja Holtey '28

Title: Examining Elections: Political News Coverage by Local, National, and Cable News Providers

Poster Number: 98

Anne Grace Hooper '26

Title: Devising Theater in the City: My Time at Chicago Children's Theater

Poster Number: 99

Grace Hou '27

Title: Financial Planning Internship

Poster Number: 100

Nina Hsu '26

Title: Enhancing Employee Experience at WTW

Poster Number: 101

Haochen Hu '26

Title: Establishing Our Career in Finance: Summer Internship at Sinolink Securities

Poster Number: 102

Margaret Hu '26

Title: Investigating regulators of macrophage antibody-dependent cellular phagocytosis of leukemia cells

Poster Number: 103

Hanna Hunde '26

Title: A Peek into Medicinal Chemistry: My Experience Interning at a Drug Discovery Lab

Poster Number: 104

Floris Irakoze '26

Title: Bridging Finance and Climate Risk through Research

Poster Number: 105

Maryjane Iteghete '28

Title: Inhalable Micro- and Nano-Plastic Particles 1: Earliest Observations of Polystyrene in Urban and Remote Locations (2002-2014)

Poster Number: 106

Maryjane Iteghete '28

Title: Paced Mating Behavior After Altering D1:D2 Receptor Ratio Activation in Sexually Naive and Experienced Rats

Poster Number: 11

Sam Jackson '27

Title: The Carleton Guide to Medieval Rome

Poster Number: 217

JP Janik '26

Title: Characterizing The Vocal Circuit Anatomy of Singing Mice

Poster Number: 107

Annabel Jay '26

Title: The Sibley Group: Paleogeography and Paleoclimate of North America 1.4 Billion Years Ago

Poster Number: 108

Sophia Jazaeri '27

Title: Above the Table and Onto the Stage: Examining the Art of Roleplaying Games through Performance Studies

Poster Number: 109

Yeseo Jeon '26

Title: Software Engineering Internship at DioMedical

Poster Number: 110

Anoushka Jha '29

Title: Compensatory Pathways Driving Osimertinib Resistance in EGFR-Mutant NSCLC and Therapeutic Avenues

Poster Number: 111

Richy Jing '27

Title: Investigate recent crypto trends and new blockchains

Poster Number: 112

Aiden Johnson '27

Title: Integrating Critical Pedagogy into Undergraduate Software Design

Poster Number: 113

Eleanor Johnson '26

Title: Moderate Levels of Lead Exposure May Impair Learning, Cognitive Flexibility, and Long-term Memory in Young Mice

Poster Number: 50

Lily Johnson '27

Title: Alternating fire-induced mass flowering by the prairie forb *Elyngium yuccifolium* reduces pre-dispersal seed predation in Arb restored prairies

Poster Number: 255

Stella Johnson '27

Title: NRP2 Mediated Guidance of Vascular Sprouting

Poster Number: 114

Lizzy Johnstone '27

Title: Regioselectivity in Chalcone Additions Using Photoredox Catalysis

Poster Number: 151

Eunseo Jung '26

Title: Moderate Levels of Lead Exposure May Impair Learning, Cognitive Flexibility, and Long-term Memory in Young Mice

Poster Number: 50

Peter Kenedi '27

Title: A Summer at the Théâtre de l'Opprimé

Poster Number: 115

Hollin Keyser-Parker '26

Title: Interning at the Massachusetts Appeals Court

Poster Number: 116

Laurine Kim '26

Title: Cultural Mediation at Musée en Herbe

Poster Number: 117

Max Kingston '26

Title: Laser Heterodyne Radiometry of the Sun as a Star: Beam Synthesis for Mitigating Antenna Pattern Systematics

Poster Number: 118

Palmy Klangsathorn '26

Title: Machine Learning Engineer Internship

Poster Number: 119

Ryder Koll-Bravmann '26

Title: Behind the Scenes of Commercial Production: Insights from My Internship at Hungryman

Poster Number: 120

Lenn Kong '26

Title: Exploring the Effects of hurricanes on Coral Stability using Flow-Kick Models

Poster Number: 64

Warren Kozak '27

Title: 9-DOF Inertial Measurement Unit Data for Swimming Stroke Classification and Hand Position Estimation

Poster Number: 121

Manoka Kozaki '26

Title: Internship at the U.S. Department of Commerce, Foreign Commercial Service at the U.S. Embassy in Belgium

Poster Number: 122

Jordan Kramer '26

Title: Real Estate Development Internship

Poster Number: 123

Kathryn Kresse '26

Title: Sexual experience alters the rewarding effects of morphine and amphetamine in female Long-Evans rats

Poster Number: 70

Sophie Kulyeva '27

Title: Current Density Coil Applications in Space Weather Forecasting

Poster Number: 124

Ella Kuriyama '26

Title: On the Resolvent Degree of $PSU(3, q)$.

Poster Number: 38

Abby Kwart '28

Title: Adolescent Medicine Research

Poster Number: 125

Eric Lail '26

Title: Stigma, Moral Agency, and Narrative Self in Substance Addiction

Poster Number: 126

Michaela Lam '27

Title: Project Destiny: An Urban Ministry

Poster Number: 127

Hank Langer '28

Title: Sex Differences in Boxelder (*Acer negundo*) Flowering Phenology

Poster Number: 160

Will Lankenau '27

Title: Achieving Full Coverage of the SME Minimal Matter Sector

Poster Number: 128

Anna Lee '28

Title: VCD-induced menopause accelerates AD pathology

Poster Number: 129

Noah Zameer Lee '27

Title: Technology Assistant at Genomics Lab at UChicago

Poster Number: 130

Sydney Lenz '28

Title: My Experience Working With Youth at the Key

Poster Number: 131

Zach Leslie '26

Title: Clinical Researcher at UMN with GI group

Poster Number: 132

Hallie Li '28

Title: Exploring Hongkong Stock Markets and IPO Regulations at Fosun Wealth

Poster Number: 133

Lanmeng (David) Li '26

Title: Stressors Differentially Affect Grooming Behavior in *Drosophila melanogaster*

Poster Number: 172

Lisa Li '27

Title: Regioselectivity in Chalcone Additions Using Photoredox Catalysis

Poster Number: 151

Losh Li '28

Title: Tracing the Communication Network of Late Qing Dynasty

Poster Number: 134

Yiwen Li '28

Title: Bridging Legal Practice and Social Impact

Poster Number: 135

Leon Liang '26

Title: SCOPE: Accelerating ML Pipeline Exploiting Cloud Resources

Poster Number: 136

Yunan Liu '26

Title: Optimizing Giant Magnetoresistance & Exchange Biasing for use in Mesoscale Magnetic Dots

Poster Number: 137

Facundo Lopez '27

Title: Quantum Communication Protocols Utilizing Higher Dimensional Embedding

Poster Number: 138

Gloria Ma '29

Title: Investigating the Effect of Long-term Oral Administration of Different Dosages of Caffeine on Anesthetic Emerging Time in Rodents

Poster Number: 139

Meg MacLaury '27

Title: Language and Climate in French Elementary Education

Poster Number: 140

Josh Madigan '27

Title: Statistics of Forensic Decision-Making

Poster Number: 141

Rebecca Marshall '27

Title: Surveying Springs in the Driftless

Poster Number: 142

Ava McQuain '27

Title: Fire-induced mass flowering allows rattlesnake master (*Eryngium yuccifolium*) to evade pre-dispersal seed predation by moth (*Coleotechnites eryngiella*) larvae in an Iowa prairie remnant

Poster Number: 219

Lejla Mehmedovic '27

Title: A Post-Yugoslavia Era: Bosnia's struggle for Independence, Identity, & Justice 30 years after the war

Poster Number: 143

Alexei Mendez '27

Title: Naloxone Administration Disrupts Paced Mating Behavior in Sexually Naive, but not Experienced, Female Rats

Poster Number: 144

Camila Mendoza '28

Title: Leveraging Symbiotic Co-Evolution for Improved Problem-Solving

Poster Number: 145

Declan Miller '26

Title: Field and Experimental Constraints on Carbon Dioxide Removal Potential of Basalt Applied to Acidic Soils in the Midwest

Poster Number: 146

Abdulrahman Mohamed '26

Title: Remote Work for International Investing Consultation Internship

Poster Number: 147

Sasha Monks '26

Title: Southern Birth Justice Network

Poster Number: 148

Ian Morgan '27

Title: Written in Light: Determining Stellar Population Classification for Red Clump Stars Using Low-resolution Spectra

Poster Number: 149

Madeline Morrison '26

Title: Changes in Tau Phosphorylation Following Traumatic Brain Injury in Humanized Mouse Model

Poster Number: 150

Zoe Morton '26

Title: Regioselectivity in Chalcone Additions Using Photoredox Catalysis

Poster Number: 151

Sam Much '27

Title: Lidar Analysis of the Island of Patmos, Greece

Poster Number: 152

Emily Muenzer '26

Title: Molecular Determinants of a Cooperative Antibody Interaction During Peanut Oral Immunotherapy

Poster Number: 153

Tej Murthy '27

Title: Making A Difference: My Political Consulting Internship Experience

Poster Number: 154

Kiran Myneni '28

Title: Computational Investigation of the Gas Adsorptive Properties of Zeolites in Energy-Relevant Applications

Poster Number: 155

Nicholas Nguyen '26

Title: Restoring *Pedicularis canadensis* and *Comandra umbellata*, Two Hemiparasitic Species, into Carleton's Arboretum

Poster Number: 156

Olivia Nicol '26

Title: Neurogenesis in Males

Poster Number: 157

Narjis Nusaibah '26

Title: Alo Health: Health for Every Woman, Every Step, Every Stage.

Poster Number: 158

Daniel Nykamp '26

Title: One-Directional Action Potentials for Vagus Nerve Stimulation

Poster Number: 159

Cameron O'Connor '27

Title: Sex Differences in Boxelder (*Acer negundo*) Flowering Phenology

Poster Number: 160

Cameron O'Connor '27

Title: Expression of Hydroxylases Involved in Bleomycin Biosynthesis

Poster Number: 207

Daniel O'Connor '28

Title: Impacts of Shared Identity and Experience on Felt Understanding

Poster Number: 79

Magali O'Connor '26

Title: Counseling Works: Through an Administrative Lens

Poster Number: 161

Lydia Olson '26

Title: Teaching Minnesota: Interpreting Indigenous Narratives at Historic Sites

Poster Number: 162

Jamal Omosun '26

Title: Uncovering the Effect of Model Weights on Politically Based Prompts

Poster Number: 163

Matthew Onyango '28

Title: Building Connections Through Community Health Engagement

Poster Number: 164

Kritika Pandit '26

Title: Product Development at SayKid

Poster Number: 165

Ella Parke '27

Title: The Carleton Guide to Medieval Rome

Poster Number: 217

Livi Peters '26

Title: Simulating Microvalve Performance Using Finite Element Analysis

Poster Number: 166

Christopher Pliego Rodriguez '26

Title: Stressors Differentially Affect Grooming Behavior in *Drosophila melanogaster*

Poster Number: 172

Evelyn Ponce '26

Title: Increased Neutrophil Extracellular Traps in Tamoxifen Treated Breast Cancer Patients

Poster Number: 167

Saayan Prasad '28

Title: Chaos and Entropy in Ensembles

Poster Number: 168

Matilda Pro '27

Title: Regioselectivity in Chalcone Additions Using Photoredox Catalysis

Poster Number: 151

Dina Prohofsky '26

Title: Development of PSiP Pincer-Type Ligand Frameworks Featuring Central N-Heterocyclic Silyl and Silylene Donors

Poster Number: 169

Rachel Punter '28

Title: Light Exposure Increases Cell Death and Proinflammatory Cytokine Production in Macrophages

Poster Number: 170

Conlan Ramirez '26

Title: Bacterial Expression of Aminoacyl-tRNA Synthetases from Two Flatworms

Poster Number: 171

Marely Ramirez Cortes '27

Title: Stressors Differentially Affect Grooming Behavior in *Drosophila melanogaster*

Poster Number: 172

Malia Reeg '26

Title: Surveying Springs in the Driftless

Poster Number: 142

Noah Reid '26

Title: Regioselectivity in Chalcone Additions Using Photoredox Catalysis

Poster Number: 151

Moriah Reusch '27

Title: Food Access Internship at the Community Action Center

Poster Number: 173

Luke Revell '28

Title: Trailblazing: Strategy & Business Development with Bright Path Portfolios

Poster Number: 174

Edith Reyes Contreras '25

Title: Copepod Population Affects *S. solidus* Infection Success but Not *Cercomere* Development

Poster Number: 175

Justin Rodriguez '27

Title: Are Life-Forms Real? Philosophy of Biology and the 'Transcendental Argument'

Poster Number: 176

Megan Roesler '26

Title: Sustainable Farming at Carleton's Student Organic Farm

Poster Number: 177

Zoe Roettger '27

Title: Fuisse Ferar: Power and Control in [Tibullus] 3.13

Poster Number: 178

Andrew Rose '27

Title: Summer Internship in Development at The John Howard Association

Poster Number: 179

Kaelyn Rothe '27

Title: Teaching Shakespeare: Theater and Twelfth Night

Poster Number: 180

Kaelyn Rothe '26

Title: Teaching Shakespeare: Theater and Twelfth Night

Poster Number: 19

Calla James Ruff '27

Title: Medieval Archaeology at a Rural Irish Castle

Poster Number: 181

Aviva Sachs '26

Title: Methods of Ecological Restoration in Minnesota Prairies and Wetlands

Poster Number: 182

Ayana Sakamoto '26

Title: Aspartame contributes to tumor progression in hepatocellular carcinoma

Poster Number: 183

Niko Sams '28

Title: Building Confidence and Connections Through Music Mentorship

Poster Number: 184

Hermela Samuel '26

Title: Phone-Based Promotion of Preventive Health Measures: Social Entrepreneurship in Colorectal Cancer Screening Outreach

Poster Number: 185

Ethan Saucedo '27

Title: Supporting Geochronology Research with Mineral Separates

Poster Number: 186

Luna Schindler-Payne '26

Title: Community Defense: My Internship At The Immigrant Law Center Of Minnesota

Poster Number: 187

Marie Schumacher '26

Title: Computational Investigation of Silicon-Metal Cooperative Chemistry

Poster Number: 188

Dash Schwab '27

Title: Lower Middle Market Private Equity

Poster Number: 189

Nina Schwab '28

Title: UCSF PRISM Study and Diabetes Research

Poster Number: 190

Audrey Schwartz '26

Title: Learning the Hard Way: Automated Curriculum Learning in Humans (and Machines)

Poster Number: 191

Jerry Shang '26

Title: Examining the Emergence of Proto-National Consciousness Through the Literatus Yuan Haowen and His Poetry

Poster Number: 192

Ma'Ki Shaw '27

Title: Building Community Through STEM

Poster Number: 193

Joella Shearer '26

Title: Youth and the Future of Culture at the Smithsonian Center for Folklife and Cultural Heritage

Poster Number: 194

Rui Shen '26

Title: Game Development Summer Internship at SayKid

Poster Number: 195

Sarah Shi '26

Title: Creating Structure-Guided Mutants in the Sec8 and Sec15 Subunits of the Exocyst

Poster Number: 196

Danny Shope '26

Title: Achieving Full Coverage of the SME Minimal Matter Sector

Poster Number: 128

Ronen Silberman '27

Title: Testing the Effects of Electronic Cigarette Flavor Chemicals on Reward and Reinforcement

Poster Number: 197

Eliana Simon '26

Title: The Myth of Bangladeshi Independence in the Short Fiction of Mahasweta Devi and Hasan Azizul Huq

Poster Number: 198

Samir Singh '28

Title: The 77th Japan-America Student Conference

Poster Number: 199

Ryan Soli '28

Title: Two-Compartment Population Pharmacokinetic Database for Antibodies and Antibody-Drug Conjugates (ADCs)

Poster Number: 200

Lilly Soillis '28

Title: Season and Age Influence Paced Mating Behavior, with Differences in Hit Rate, Mounts, and Proceptive Behaviors Between Fall and Spring

Poster Number: 241

Christina Song '28

Title: Construction of Gut Microbiome Genomic Libraries via TFUM seq in RAW264.7 Macrophages

Poster Number: 201

Varinn Sood '29

Title: Neutrophil Elastase Release Stimulated by Uranium-Bearing Mine Dust Exposure

Poster Number: 202

Ruby Spector '26

Title: Cell cycle genes regulate sexually dimorphic neuron development in *Caenorhabditis elegans*

Poster Number: 203

Liliana Speiser '28

Title: Learning About Video Marketing

Poster Number: 204

Caroline Stanton '27

Title: All The World's A Stage" - Teaching At the Great River Shakespeare Festival In Winona Minnesota

Poster Number: 205

Caroline Stanton '27

Title: "All The World's A Stage" - Teaching At the Great River Shakespeare Festival In Winona Minnesota

Poster Number: 47

Iris Steiner-Manning '26

Title: Social Change through Labor Organizing

Poster Number: 206

Efram Stewart '26

Title: Examining Elections: Political News Coverage by Local, National, and Cable News Providers

Poster Number: 98

Naomi Straub '26

Title: Expression of Hydroxylases Involved in Bleomycin Biosynthesis

Poster Number: 207

Sunny Sun '26

Title: The Letters They Kept: Left-behind Wives and the Archive of Separation

Poster Number: 208

Madeline Tabora '26

Title: A Colorimetric Assay for Alanyl-tRNA Synthetase Activity

Poster Number: 209

Will Tan '27

Title: Creation of a Thermosensitive Hydrogel

Poster Number: 210

Irene Tang '26

Title: Mitochondrial Lactate Import via MCT1 Supports Carbohydrate Oxidation in the Absence of MPC

Poster Number: 211

Jenny Tang '28

Title: Supporting Migrant Education in Shanghai: My Stepping Stones Internship

Poster Number: 212

Misaki Taniguchi '26

Title: Investigating Orchid Germination Through Fungi and Media Trials

Poster Number: 213

Lola Taraday '26

Title: Hennepin County Public Defender's Internship

Poster Number: 214

Wilson Taraday '28

Title: Project Management at Bloom Projects

Poster Number: 215

Bobby Targ '26

Title: Accessible Bacterial Motility Tracking and PFU/CFU Identification

Poster Number: 216

Julia Tassava '26

Title: The Carleton Guide to Medieval Rome

Poster Number: 217

Fatima Taylor-Kamara '26

Title: Liberty and Justice for All: Exonerating the Justice System at GNIP

Poster Number: 218

Perri Thompson '26

Title: Fire-induced mass flowering allows rattlesnake master (*Eryngium yuccifolium*) to evade pre-dispersal seed predation by moth (*Coleotechnites eryngiella*) larvae in an Iowa prairie remnant

Poster Number: 219

Theo Tirschwell '27

Title: International Law In Singapore and Sichuan

Poster Number: 220

Tripp Tokioka '26

Title: From Carleton to Congress: Interning on the Hill

Poster Number: 221

Alison Trackman '26

Title: Sodium Ion Battery Development

Poster Number: 222

Cuong Tran '26

Title: Learn by Play with Automated Logic Game Generation

Poster Number: 223

Daya Tucker '27

Title: Empowering Pediatric Cancer Research in the Cloud

Poster Number: 224

Hays Turner '27

Title: Ultracold Atomic Physics at UT Austin

Poster Number: 225

Sara Typrin '26

Title: Characterizing Forest Response Pathways in the Blackwater National Wildlife Refuge

Poster Number: 226

Evan Umbreit '26

Title: Thermal Properties of Basement Rocks: Effects of Deformation and Texture from 25-1000°C

Poster Number: 227

Maja Urban '27

Title: Inhalable Micro- and Nano-Plastic Particles 2: Influence of Meteorological Conditions on Polystyrene Observations

Poster Number: 228

Charlotte Vадnais '27

Title: Investigating Alterations in Brain Functional Connectivity in Tourette Syndrome Using REACT with the 5-HTT Atlas

Poster Number: 229

Fernando Valdes Nicholson '28

Title: Suppression of *Toxoplasma gondii* in neuronal stem cells through the use of a novel anti-parasitic drug

Poster Number: 230

Claudette Valencia '26

Title: Competency Unit: The Role of Advocacy in Public Defense

Poster Number: 231

Matthew Vincent '26

Title: Examining Elections: Political News Coverage by Local, National, and Cable News Providers

Poster Number: 98

Jonathan Vonderlage '26

Title: The Relationship Between Injury-Related Fear and Brain Activity in Individuals with Anterior Cruciate Ligament Reconstruction

Poster Number: 232

Nina Wakabayashi '28

Title: The Carleton College Collection of Japanese Maps: Creating a Digital Index and a Foundation for Future Research

Poster Number: 233

Nina Wakabayashi '28

Title: Driftless Field School: An Immersive Field Study in Wisconsin, Examining the Lived Realities of Small-Scale Farmers in a Moral Market

Poster Number: 234

Jason Wan '27

Title: Paleogeographic Constraints of the Mozambique Ocean through the Neoproterozoic from Paleomagnetism of the Central Egypt Desert

Poster Number: 235

Harper Wang '28

Title: Lay Firm Internship: Case Analysis and Contract Review

Poster Number: 236

Hadley Ward '27

Title: Alaska Beauty Peony Co-op Internship

Poster Number: 237

Dean Watkins '26

Title: Moderate Levels of Lead Exposure May Impair Learning, Cognitive Flexibility, and Long-term Memory in Young Mice

Poster Number: 50

Lily Watne '28

Title: Paced Mating Behavior After Altering D1:D2 Receptor Ratio Activation in Sexually Naive and Experienced Rats

Poster Number: 11

Sam Watson-Stevens '27

Title: Interning at the Exoneration Project

Poster Number: 238

Alex Wcislo '26

Title: Traversing the Digitization Pipeline: From Archived Specimens to AI Transcriptions and Databasing

Poster Number: 239

Lucas Wcislo '26

Title: Brood Pollination of *Oenocarpus Mapora*

Poster Number: 240

Jennifer Wen '27

Title: Season and Age Influence Paced Mating Behavior, with Differences in Hit Rate, Mounts, and Proceptive Behaviors Between Fall and Spring

Poster Number: 241

Liwei Weng '26

Title: Summer Internship at HHZX Human Resources Consultancy

Poster Number: 242

George Wening '27

Title: Wrangell Mountain Center - 2025 Summer Internship

Poster Number: 243

Nadia Whalen '27

Title: Optimization of CRISPR in RAW264.7 Macrophages

Poster Number: 244

Annie Wiener '26

Title: Legislative Internship for the Massachusetts House of Representatives

Poster Number: 245

Adriana Wiggins '26

Title: Risk Prediction Models of Progression in Smoldering Multiple Myeloma Patients

Poster Number: 246

Linnea Williams '26

Title: Development Intern at The Reporters Committee for the Freedom of the Press

Poster Number: 247

Lily Wong '26

Title: Interning with the American Bar Association Commission on Immigration

Poster Number: 248

Evelyn Xie '26

Title: Modeling Human Like Cognition with Neural Networks on Orientation Delay Estimation Task

Poster Number: 249

Alex Xuan '26

Title: Internship Experience in the Garment District: Insights into International Trade

Poster Number: 250

Ruishi Xue '27

Title: Health and Advocacy Across Borders: Internship at URACA

Poster Number: 251

Zijian Xun '27

Title: Approaches to Welcoming Newcomers in Semi-Public Online Communities

Poster Number: 252

Janet Yan '27

Title: Creating Training Material for Computational Analysis of French Literature

Poster Number: 253

Andy Yang '28

Title: Evaluating a Stakeholder and Equity Data-Driven Implementation (SEDDI) of HPV Self-Sampling Initiatives Across Primary Care Clinics

Poster Number: 254

Ryan Yang '27

Title: Alternating fire-induced mass flowering by the prairie forb *Elyngium yuccifolium* reduces pre-dispersal seed predation in Arb restored prairies

Poster Number: 255

Emma Yao '27

Title: Modeling Dual Gene Drive Dynamics in Panmictic Populations

Poster Number: 256

Nicole Yao '28

Title: Traditional Chinese Medicine: A Philosophy of Healing, Survival, and Health

Poster Number: 257

James Yi '28

Title: Atmospheric CO₂ Capture Using LDOs (Layered Double Oxides)

Poster Number: 258

Sophia Ying '26

Title: From Divine to Human: How Ptolemaic Coinage Innovated Within Alexander's Standard

Poster Number: 259

Sophia Ying '26

Title: Royal Structures, Macedonian Kings, Magical Objects, and Identity in Ancient Northern Greece

Poster Number: 87

Hope Yu '26

Title: The Ruins of the Old Palace: Historical Memory and Revisionism Through the Tours of the Chosŏn Kings

Poster Number: 260

Esther Yun '27

Title: Proliferation Inhibition Effect of Afatinib on Colon Cancer Cells

Poster Number: 261

Naomi Zeidenberg '26

Title: Working as a Lake Programs Field Intern with the Lake Stewards of Maine

Poster Number: 262

Emily (Xiaohan) Zhang '27

Title: Investigating the Role of NME2 in the Innate Immune Response of Macrophages

Poster Number: 263

Emma Zhang '27

Title: IT Intern: Empowering Global Supply Chain Workflows

Poster Number: 264

James Zhang '26

Title: Geothermal Heating Costs Under Policy Uncertainty: Estimating the Impact of Inflation Reduction Act Funding

Poster Number: 265

Owen Zhang '26

Title: Coherent Umbrella-like Vibration of Methyl Radical Studied with Core-level Transient Absorption Spectroscopy

Poster Number: 266

Aaron Zhao '28

Title: Rps19bp1 Loss Triggers Ribosomal Stress and p53-Mediated Heart Defects

Poster Number: 267

Cindy Zhao '27

Title: Legal Internship With the Immigrant Law Center of Minnesota

Poster Number: 268

Jincheng Zhao '28

Title: Phecode Analysis of Stuttering in Patients with Down Syndrome within Vanderbilt University Medical Center Electronic Health Records

Poster Number: 269

Rosemary Zhao '27

Title: Advancing Access to Justice: Social Justice Internship at the Binger Center for New Americans

Poster Number: 62

Eric Zhou '26

Title: Computational Investigation into the Role of B-Cells During In Situ to Invasive Breast Cancer Transition in Spatial Transcriptomics Data

Poster Number: 270

Austin Zhu '26

Title: NCAM-Mimetic PA Nanoscaffolds as a Platform to Study Axonal Projection in Parkinson's Disease

Poster Number: 271

Thea Zimmerman Comas '26

Title: Summer Internship with Northfield Union of Youth

Poster Number: 272

Title:

Poster Number:

Title:

Poster Number:

Title:

Poster Number:

