Spring 2023

Clark FEST

April 26
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Welcome

Dear Clarkies and guests,

It is our pleasure to welcome you to ClarkFEST Spring 2023! Every semester, the Clark community comes together to celebrate our students' achievements, and to reaffirm our commitment to a rigorous education grounded in experiential learning. ClarkFEST also allows us to recognize excellence in mentorship from faculty and staff members and to show appreciation for the generous financial support of university fellowships and donors. This event encapsulates what we know about the Clark experience: liberal education best prepares students to become citizen-scholars in the world, and it is a team effort.

We invite you to visit our poster exhibition, attend panels and roundtables, and take one last visit to the Barrett Center to view students' Interactive Media Exhibits. Ask questions, connect with colleagues, and learn from the students, as we continue the Clark tradition of challenging conventions and changing our world.

Mary-Ellen Boyle, Ph.D.
Interim Associate Provost & Dean of the College

Steven Moon, Ph.D.
Director, Undergraduate Research and Fellowships Advising
General Information

Registration
Presenters and guests can check in at the entrance of Tilton Hall on the second floor of the Higgins University Center.

Poster Exhibition
Our poster exhibition is located in Tilton Hall & Grace Conference room and will be open from 12:30-4:30 PM. Please note that students are listed in this program by their declared major rather than the focus of their poster. Some posters may reflect students’ research expertise and experience in other related areas of study.

Panels & Roundtables
Panels and roundtable discussions will take place in the Persky and Lurie Conference rooms in the Higgins University Center, the Alumni Board Room (202) on the second floor of the Shaich Family Alumni & Student Engagement Center, and Jefferson Hall, Room 218.

Shuttle to the Barrett Center
Interactive Media Exhibits for the Becker School of Design and Technology are displayed at the Barrett Center on Roxbury Street. Clark University runs a shuttle between Main Campus and the Becker Campus, as well as other locations, every 35 minutes beginning at 7:30 AM. Use the QR code (right) to track the shuttle’s location.
Please note that there is a break in service from 12:15-12:45 PM.
Interactive Media Exhibits
Barrett Center

**Impawsible Quest - Immersive VR Experience**
RJ Anthony ‘24
Alexia Cronin ‘24
Sponsor: {Terrasa} Ulm

*Games with Duncan*
**Duncan Armstrong ‘24**
Sponsor: {Terrasa} Ulm

**Andrew A. Art and Writing**
**Andrew Austin ‘23**
Sponsor: Nevan Flanagan

**Kingdom of Krythos**
**Adam Campbell ‘24**
Jayson Angel ‘23
Warren Andress ‘23
Collin Anthony ‘24
Sponsor: Ezra Cove

**Street Rider and Level Design**
**Tyler Gaughan ‘23**
Sponsor: {Terrasa} Ulm

**Ed Greig Portfolio**
**Edward Greig ‘23**
Sponsor: {Terrasa} Ulm

**Arielle Johnson Designs**
**Arielle Johnson ‘24**
Sponsor: {Terrasa} Ulm

**Cole Klimoski Portfolio**
**Cole Klimoski ‘23**
Sponsor: {Terrasa} Ulm

**Personal 3D Game Art Projects**
**Nathaniel Manfra ‘24**
Sponsor: {Terrasa} Ulm

**Sam Nelson’s Portfolio Showcase**
**Sam Nelson ‘23**
Sponsor: {Terrasa} Ulm

**Working with Hatsune Miku!**
**Christian Octaviano ‘25**
Sponsor: {Terrasa} Ulm

**Scoring a Livestream**
**Caleb Sacks**
Sponsor: Matt Malsky

**The Garden of Taozi**
**Alexander Supron ‘26**
Sponsor: Ilir Mborja

**Pierrot**
**Marta Szemiot ‘23**
Sponsor: Ilir Mborja

**Rapid Rabbit Robot, To PAX and back!**
**Dan Zhu ‘24**
Chenxi Gao ‘24
Raven Clarico ‘26
Graham Codd ‘23
Sponsor: Ezra Cove
Biochemistry & Molecular Biology

1. **Progress Towards the Development of a Kinetic FRET-Based Assay for the Study of HECT E3 Ligases' Inhibition by Small Molecules**
   
   **Amanda Brown ‘23** (James and Ada Bickman Summer Research Fellowship)
   
   Sponsor: Donald Spratt

2. **Preliminary Studies of IEDDA Reaction between SOS-Construct Cyclic Peptides and Wild-type/Alkene Kras**
   
   **James Claffey ‘23** (James and Ada Bickman Summer Research Fellowship)
   
   Sponsor: Arundhati Nag

3. **Study of Water Quality Over a Gradient of Urbanization through Worcester’s Watershed**
   
   **Manning DelCogliano ‘23** (Edwin A. Weiller Summer Science Fellowship)
   
   Sponsor: Nathan Ahlgren

4. **Homocysteine-Containing Cyclic Peptides as Scaffolds for the Sensing of Phosphate-Containing Metabolites**
   
   **Bella DiChiara ‘24**
   
   Sponsor: Arundhati Nag

5. **Thermodynamic Binding Affinity Analysis of the Drosophila melanogaster Homeodomain Transcription Factor Eve**
   
   **Anton Dzyuba ‘23**
   
   Sponsor: Donald Spratt

6. **Current Understanding of Nematode Trapping Mushrooms**
   
   **Laila El-Samra ‘24**
   
   Sponsor: David Hibbett

7. **Purification of the Drosophila melanogaster Homeodomain Transcription Factor Ind**
   
   **William Fan ‘23**
   
   Sponsor: Donald Spratt

8. **Investigating the Role of Wnt/Beta-catenin Signaling during Neurogenesis in the Annelid Capitella teleta**
   
   **Krishna Gajjar ‘25** (Plave Family Research Fellowship)
   
   Sponsor: Néva Meyer
9  Specificity Studies on Small Molecule Inhibitors of the Oncoprotein Gankyrin.
    Taylor Laflamme ‘23
    Sponsor: Donald Spratt

10  Optimization of Expression and Purification of the Antiviral Protein HERC5 for
    Structural Determination
    Elizabeth Liakos ‘23 (Maurine H. Milburn Research Fellowship)
    Sponsor: Donald Spratt

11  Biochemical Examination of Rac1 Variants and their Role in Hereditary Spastic
    Paraplegia
    Luke Mazur ‘23 (James and Ada Bickman Research Fellowship)
    Sponsor: Donald Spratt

12  Metamagnetic nickel (II) halide coordination complexes
    Benjamin Mukda ‘23
    Sponsor: Mark Turnbull

13  Effects of tRNA methylation on Protein Synthesis in Dictyostelium discoideum
    Luz Suarez-Canton Trueba ‘24
    Sponsor: Denis Larochelle

14  Incorporating of Site-Specific Unnatural Amino Acids (UAA)
    Daniel Williams ‘23
    Sponsor: Arundhati Nag

Biology

15  Effects of nitrogen and phosphorus gradients on medicago truncatula plant
    phenology and microbiome
    Hannah Ashton ‘23
    Davin Tafuri ‘23
    Sponsor: Chandra Jack

16  The Impact of Legumes on the Microbial Communities of Cereal Crops
    Declan Fitzpatrick ‘23
    Libby McNeil ‘23
    Emma McLellan ‘23
    Sponsor: Chandra Jack

17  Jumping Performance and Body Condition of Frogs Along an Urbanization Gradient
    Brennan Hare ‘24
    Sponsor: Phillip Bergmann

18  Cloning and Purification of UBE3B IQ Motif Truncation
    Megan Hill ‘23 (Edwin A. Weiller Summer Science Fellowship)
    Sponsor: Donald Spratt
19  The effect of bacterial inoculants on tomato plant vegetative growth  
Chrinovain Kankonde ‘23  
Hanna Ashton ‘23  
Wendy Phan ‘23  
Sponsor: Chandra Jack

20  Modeling Macroalgae: Applications of Mathematics in Kelp Aquaculture  
Ruby Krasnow ‘24  
Sponsor: Deborah Robertson

21  Sympatric North American Acorn-nesting Ant Species Possess Distinct Gut Microbiomes  
Anna (Anh) Le ‘23 (LEEP Fellowship)  
Sponsor: Kaitlyn Mathis

22  Color-specific Differences in Skin Microstructures in Boas and Pythons  
Julianne Liebow ‘23  
Sponsor: Phillip Bergmann

23  Novel Immunological Assay Development at Pfizer  
Ally Madow ‘23  
Sponsor: Donald Spratt

24  Micro-thieves: Fungi that Steal Genes from Bacteria  
Carmella Martone ‘26  
Emmy Udry ‘26  
Sponsor: Javier Tabima

Chemistry

25  Copper(II) halide salts of 2-X-3-methylpyridinium (X=Cl, Br): Syntheses, structure, and magnetic behavior  
Charlotte Bedford ‘23  
Sponsor: Mark Turnbull

26  Transition metal complexes of 4’-acetylanilinium: Synthesis, structures, and magnetic behavior.  
Lyra Macek ‘23  
Sponsor: Mark Turnbull

27  Synthesis, coordination modes, structures, and magnetic properties of halogen substituted 2-hydroxypyridine copper(II) chloride coordination compounds  
Mathew Graci ‘24  
Sponsor: Mark Turnbull

28  Synthesis of Transition Metal Doped Niobate Perovskites  
Olivia Hipwell ‘23  
Sponsor: Luis Smith
29 Synthesis of Copper Containing Niobate Perovskites
Teodora-Maria Uglean '23
Sponsor: Luis Smith

30 Developing Fluorescent Multifunctional Molecules as Therapeutic Candidate for Alzheimer's Disease
Bella Poduska '24 (Beaver Fellowship)
Sponsor: Arundhati Nag

Combined Languages

31 Brouiller le binaire identitaire : La vie et l'écriture biculturelles d'Amélie Nothomb (Blurring the Identity Binary: The Bicultural Life and Writing of Amélie Nothomb)
Amelia Legato '23
Sponsor: Beth Gale

Community, Youth, and Education Studies

32 The Role of Relationships in the Difficult Dialogues Program
Brynn Keevil '23
Sponsor: Jie Park

Computer Science

33 Experiments in Synthesized views for Improved Pest Detection
Nguyen Ha '23 (LEEP Fellowship)
Sponsor: Gary Holness

34 The Usability of Whistleblowing Tools
Adryana Hutchinson '23
Sponsor: Peter Story

35 Parsing Pointer Movements in a Target Unaware Environment
Jonah Scudere-Weiss '24
Sponsor: John Magee

36 Measuring Compatibility Between Password Managers and Websites
Jinwei Tang '23 (LEEP Fellowship)
Sponsor: Peter Story

37 Understanding Hate Groups on YouTube
Keegan Veazey '23
Sponsor: Shuo Niu
Economics

39  How Much is a Layup Worth?
Samip Dhakal ’23
Sponsor: Sang Hoo Bae

40  The Collapse of U.S. Airline Stock Prices: The Response to Pandemic Policy and Behavior
Holly Gilson ’23
Sponsor: Junfu Zhang

41  Should the Fed Bite Its Tongue? Examining the Impact of Forward Guidance on Asset Prices
Shorena Giorgadze ’23
Sponsor: Edouard Wemy

42  Right-To-Work Laws and Income Inequality: The Right to Work for Less
Rosalie Leonard ’23
Sponsor: Wayne Gray

43  Causes of Homelessness in the United States
Lila McNamee ’23
Sponsor: John Brown

44  Economic Impacts of COVID-19 on Mental Health: Financial Insecurity, Health Concerns, and Social Inequalities
Amy Quan ’23
Sponsor: Magda Tsaneva

45  How Does Educational Attainment Affect Risk Tolerance Levels?
Caleb Siltler ’23
Sponsor: Junfu Zhang

46  How Did the China Trade Shock Impact US Mental Health?
Max Tickner ’23
Sponsor: Junfu Zhang

English

47  “It's Mars Time Baby”
Aanandita Bali ’23 (Loring Holmes & Ruth Dodd Drama Contest, 1st Prize)

48  “She”
Kelsey Heyel ’23 (Prentiss Cheney Hoyt Poetry Contest, 1st Prize)

49  “Family Dinner”
Kate Roller ’25 (Betty ’79 & Stanley Sultan Short Story Contest, 1st Prize)

“Whiteness is Actually the Evil in Mizora”

Christina Rose Walcott ’23 (Leroy Allston Ames Essay Contest, 1st Prize)

Environmental Science

Urban Tree Canopy Cover and Implications for Bird Populations in Central Falls and Pawtucket, Rhode Island

Nicole Buckley ’23 (HERO Fellowship)
Sponsor: John Rogan

Geography

Impacts and Perceptions of Environmental Changes in the Hadwen Arboretum, Clark University, Worcester (MA)

Shradha Birdika ’24 (HERO Fellowship)
Sponsor: John Rogan

Ecosystem Service Benefit Analysis of Potential Urban Tree Canopy- A case study in Cumberland, Rhode Island

Lucy Fleming ’23 (HERO Fellowship)
Sponsor: John Rogan

Analysis of Low-Cost Air Quality Sensors to Monitor PM 2.5 Distribution in Providence, Rhode Island

Danielle Hall ’23 (HERO Fellowship)
Sponsor: John Rogan

Effects of Weather on Dawn Chorus Bird Activity in the Worcester Plateau Forest Ecosystem

Lara Jordan ’23
Sponsor: Florencia Sangermano

Leaf Traits Predict Shoot Flammability Differences Between Forest and Savanna Trees

H. Maxwell Marinace ’23
Sponsor: Anthony Bebbington

Environmental History for Environmental Stewardship: The Greater Worcester Land Trust’s Parson’s Cider Mill & Poor Farm Brook

Ryan Shumeyko ’23
Sponsor: Rinku Roy Chowdhury

Global Environmental Studies
58  Economic Resilience of Sustainable Farmers in Monteverde, Costa Rica: A Circular Economy Approach to Agriculture  
Amritha Pai ’24 (MFGSS Scholarship)  
Sponsor: Deborah Martin

59  Local Residents' Land Use, Environmental Perceptions, and Relationships with Broad Meadow Brook Wildlife Sanctuary  
Alana Sacks ’23  
Sponsor: Rinku Roy Chowdhury

60  Land Use History in the Broad Meadow Brook Wildlife Sanctuary in Worcester, Mass and Resident Perceptions of Conservation  
Charlotte Zieselman ’24 (HERO Fellowship)  
Sponsor: John Rogan

Interactive Media

61  Belonging and Neurodiversity in Educational Environments  
Milo Justice ‘26  
Sean Cahill ‘26  
Sponsor: Ilir Mborja

International Development & Social Change

62  Human Rights Review: Home Demolitions in Palestine  
Mira Adamjee ’23  
Sponsor: Ken MacLean

63  Violence Against Women  
Oshina Bharati ’23

64  Brokering Guyana's Oil Wealth: Dodgy Deals in a New Petrostate  
Rose Delogu ’23  
Sponsor: Denise Humphreys-Bebbington

65  Faith Cultures of Exile: The Congolese Christian Community in Worcester  
Amelia Legato ’23  
Sponsor: Anita Fábos

66  Stop the Violence: Ni Una Menos a Case Study of Social Change  
Emery Letendre ’23  
Sponsor: Ellen Foley

Management

67  Fashion In Afrofuturism
Xio Alvarado ‘26
Sponsor: Odile Ferly

Physics

68  Magneto Elastic Robots
    Balaram Desai ‘24 (Maurine H. Milburn Summer Research Fellowship)
    Max Moss ‘23 (Maurine H. Milburn Summer Research Fellowship)
    Sponsor: Arshad Kudrolli

69  Resistivity Measurements on 1T-TaS₂
    Hope Robinson ‘23
    Sponsor: Michael Boyer

Political Science

70  Congressional Internship with MA-2 Congressman Jim McGovern
    Maggie Herlihy ‘23 (Harrington Public Affairs Fellowship)
    Sponsor: Heather Silber Mohamed

71  Roe V. Wade Overturned; Will Women Get their Abortion Rights Back?
    Sarah Nazar ‘23
    Sponsor: Michael Butler

Psychology

72  "Palestine is in My Heart": A Qualitative Analysis of a Palestinian Woman’s Resistance
    Reem Abouchleih ‘23
    Sponsor: Johanna Vollhardt

73  The Relationship Between Students’ Gender and Perceived Belonging in University
    Maya Albornoz-Seidel ‘26
    Gwenne Balcius ‘26
    Grace Foose ‘26
    Sponsor: Nancy Budwig

74  Diaspora Puerto Ricans Perspectives on Colonialism and Education
    Estefania Alicea ‘23
    Sponsor: Carmen Marazzi

75  YouTubers Tackle Racism: Exploring the Impact of Racial Justice Videos on Viewers
    Aanandita Bali ‘23
    Sponsor: James Córdova & Shuo Niu

76  Standing at a Middle Ground: A Qualitative Study of the Identity Development of Transracial Asian American Adoptees
    Athena Boutross ‘25
Sponsor: Brett Coleman

77  *Differences in First-Gen and Non-First-Gen Students With Their Sense of Belonging?*
Julia Calisto ‘26
Parker Anderson ‘26
Morgan Glick ‘26
Brian Nguyen ‘26
Sponsor: Nancy Budwig

78  "You Can’t Leave Me." How Two Sisters Coped with the Holocaust
Emily Clarke ‘24
Sponsor: Johanna Vollhardt

79  *The Effect of Age on Collective Victimization Beliefs Amongst Jewish American*
Phoebe Cohen ‘24
Isabelle Raskin ‘23
Sponsor: Johanna Vollhardt

80  *Analyzing Coping Strategies Used by Rohingya Genocide Survivors*
Sam Cole ‘23
Sponsor: Johanna Vollhardt

81  *Examining Perceptions of Play Therapy Across Clinicians, Caregivers, and Teachers: Implications on Elementary School Student’s Academic Outcomes and Accessibility to Services*
Brenna Donahue ‘23 (LEEP Fellowship)
Sponsor: Ana Kamille Marcelo

82  “I’m never going back”: Exploring Historical, Social, and Cultural Barriers and how that Affects Access to and Perception of Mental Healthcare for Black Youth
MiKayla Dotson ‘23
Sponsor: Aaron Haddock

83  *Perceptions of Intimate Partner Violence in Polyamorous Relationships versus Monogamous Relationships*
Maya Falb ‘23 (Steinbrecher Fellowship)
Sponsor: Kathleen Palm Reed and Gia Davis

84  *Heritage and Convert Buddhism: Exploration into Perspectives and Practices*
MacKenzie Johnson ‘23
Zach Cooper ‘24
Sponsor: Justin Laplante

85  *LGBTQ+ and Heterosexual Parent Responsiveness to Expressions of Mental Illness by their Adopted Child*
Jill Jones ‘23
Sponsor: Abbie Goldberg
86 Student Engagement in College: A Comparative Analysis of International and Domestic Student Perceptions
Raquel Jorge Fernandes ’23
Julia Kennedy ’24
Ye Sun ’24
Sponsor: Nancy Budwig

87 Coping with Gender-Based Violence in India: A Narrative Analysis
Charlotte LeClair ’23
Sponsor: Johanna Vollhardt

88 The Role of Concern with Racism and Hope in Asian Americans’ Participation in Everyday Resistance
Chang Liu ’23
Sponsor: Hu Young Jeong

89 Factors Affecting Community Support for GBQ+ Latine Men After the Pulse Nightclub Shooting
Annelba Melendez ’23
Sponsor: Esteban Cardemil

90 Examining Shifts in Intersectional Awareness
Anjo Nagallo ’23
Sponsor: Alena Esposito

91 Appearance Investment and Intimacy in the Context of Romantic Relationships: Direct and Indirect Effects
Lily Palmer ’23
Sponsor: James Córdova

92 Examining Cultural Stress Through the Experiences of Latinx Immigrant Mothers
Paloma Pellegrino ’24
Sponsor: Esteban Cardemil

93 How Community Involvement Mediates the Relationship Between Nativity Status and Mental Health Outcomes Among GBQ Latines
Samuel Pomann ’23
Sponsor: Esteban Cardemil

94 Jewish American Experiences: Past and Present
Isabelle Raskin ’23
Sponsor: Johanna Vollhardt

95 Boys Get The Toys
Liam Swiggard ’23
Sponsor: Alena Esposito
Sociology

Surviving Sexual Violence: A Comparative Study of the Yazidi Genocide and the Bosnian Genocide
Leah McGhee ‘23
Sponsor: Asya Darbinyan

Student-Designed

Faith and Exile in Worcester: Iraqi Muslim Communities
Pia Cano ’23
Sponsor: Anita Fábos

Reproductive Narratives
Ilse McCormick ‘23
Sponsor: Danielle Hanley
Oral Presentations

12:00 - 12:30 PM Lurie Conference Room NBA Salary Prediction
   Sammy Paley ’23
   Sponsor: Ayan Ghosh Dastidar

12:30 – 1:00 PM Lurie Conference Room The Influence of Matched and Mismatched Political Affiliations on Relationship Satisfaction
   Giordana Sena ’23
   Sponsor: James Córdova

12:30 -1:30 PM ASEC 413 “Every Monstrous Thing” — On The Intersection of Queerness, Disability, and Monstrosity in the Victorian Gothic
   Kelsey Heyel ’23

   Separating Fact from Fallacy: Transgender Representations in Popular Manga and their Cultural Impact
   Chloe Carleton ’23
   Sponsor: Alice Valentine

12:30 – 2:00 PM ASEC 202 Reflections on Cultural Immersion in Ghana
   Andy A. Acevedo, Sofia Bishop, Jasmin Blanco-Zapata, Dyujae Bantu Biko Gayman, Chloe Rebecca Jacobs, Clarissa Catherine Ko, Rajiti Madhikarmi, Kennedy Messado, Leyla Shirley Knight, Jamuna Prajapati, Gralen Step hon Vereen Jr.
   Sponsors: Kamaro Abubakar, Katherine Alexandra Esparza Campana, Margo Foreman, Nadia Lyndora Ward

1:00 – 2:00 PM Lurie Conference Room Art History Honors Theses
   Resignification and Reclaiming during La Movida Madrileña: Artificiality and Subversion in Ouka Leele’s Peluquería
   Maire O’Donnell ’23
Queer Relationality: Ray Johnson’s Silhouettes as Glyphs, Dumps, Letters and Holes

**Kira Houston ‘23**
Sponsor: Kristina Wilson

1:30 – 4:00 PM  ASEC 304

**History Honors Theses**

“Enlightened Motherhood”: Frances Ellen Watkins Harper and the Conception of Black Womanhood

**Christina Rose Walcott ‘23**
Sponsor: Drew McCoy

Discussing Delicates: An Analysis of the Construction of Hygiene Practices and Standards in Early Modern England

**Mary Kelley ‘23**
Sponsor: Nina Kushner

His Soul Goes Marching On: Soldier’s Spirits and the Use of Seances in Understanding the Civil War

**Rosie Cohen ‘23**
Sponsor: Amy Richter

Brothers in Trick: Czechoslovakian Animation of the Normalization Era

**Allee McDonald ‘23**
Sponsor: Frances Tanzer

In Search of Sympathy: The Complexities of Anti-Abortion Rhetoric, 1830-1897.

**Hannah Friend ‘23**
Sponsor: Amy Richter

“All Organizing is Science Fiction:” Speculative Fiction in the New Negro and Black Arts Movements

**Adeline Hebert ‘23**
Sponsor: Ousmane Power-Greene

2:00 – 2:30 PM  Lurie Conference Room

**Developing Video Games on Embedded Systems**

**Darius Grauslys ‘24**
Sponsor: Li Han
2:00 – 3:00 PM  Persky Conference Room

The Halls: Training Day 6 - Table Read
Faith Duggan ‘23
Raina Carfaro ‘23
Sponsor: Jennifer Plante

2:00 – 4:00 PM  ASEC 202

Political Science Honors Theses
Jordanian National Identity, Black September, and the Salience of Trauma
Alec Hoffman ‘23

Colonial Legacies and Corruption in the Philippines
Isabel Jardiniano ‘23

Healing and Hatred: Thinking beyond Law Enforcement in the Fight against White Nationalism
Jacob Mela ’23

The Post-Apocalypse and Anxieties of a Global Future: How Fears of International Conflict and Violence are Reflected Onscreen
Jessie Garbeil ‘23
Sponsor: Kristen Williams

2:30 – 3:30 PM  Lurie Conference Room

Afrofuturistic Dream School
Madisyn Bradeen-Curet ’26
Quinton Davis ’26
Sponsor: Odile Ferly

3:30 – 4:00 PM  Lurie Conference Room

Analyzing the Effects of Pacific Decadal Oscillation on Streamflow Patterns in Southeast Alaska
Finnegan Wertz ’23
Sponsor: Abby Frazier

4:00 – 4:30 PM  Lurie Conference Room

Caribbean Immigrant Caregivers Experiences and their Approach to Parenting
Crissan Clayton ’23 (LEEP Fellowship)
Sponsor: Ana Kamille Marcelo
Research Awards

Each year, Clark University gives an estimated $250,000 in funding to undergraduate students for research experiences on campus, across the US, and abroad. Many of these awards are generously funded by alumni and their families, and advance students' co-curricular education through applied and experiential learning. Recipients represented at ClarkFEST Spring 2023 are denoted in the program.

Atupem ’82 International Internship Award
*In memory of Gary S. Poor, supporting internships for student members of the Clark Global Scholars program from Ghana or another African nation.*

Barth Internship Award
*Funded by the Theodore Barth Foundation, providing support for unpaid internships at non-profits.*

ClarkCONNECT Summer Internship Program
*Provides support for students to complete an unpaid or low-paying summer internship with a Clark alum mentor.*

Edwin A. Weiller Summer Science Fellowship
*In memory of Edwin A. Weiller, III, given by Bruce H. Weiller ('81), Shari B.S. Weiller, and family*

Erickson Research Award
*Funds summer research for students majoring in Math or Physics.*

Goulandris Summer Internship Award
*Funds a summer internship in environmental sciences.*

Harrison Mackler ’07, Jason Pietrucha and Friends Summer Research Award
*Supports summer research for rising juniors or seniors in biology or biochemistry.*

Harrington Fellowship Program
*Supported by the Francis A. Harrington Public Affairs Fund, established 1963 for politics & policy research.*

History Department Internship Program
*Funds summer internships in public history or history fields beyond the academy.*

Human-Environment Regional Observatory (HERO) Program
*Funds undergraduate-graduate-faculty collaborative research on the human-environment relationship in Massachusetts*

James (’39) and Ada Bickman Summer Science Research Internship
*Funds summer research in chemistry.*

June Patron ’65 Endowed Internship Award
*Funds a summer internship for political science students in Washington, D.C.*
LEEP Fellows Program
Funds projects or research during the summer that engages with the community outside of Clark, with a focus on problem-based inquiry and the application of course materials to real-world experiences.

Lois & Robert Green Summer Internship Award
Supports a summer internship as an assistant to a city official.

Maurine H. Milburn Research Fellowship
Established by Janice Culpepper ('77) in honor of Maurine Milburn to support student research in Chemistry, Biology, and Physics

Penn Research Award
Established by Erica Penn ('84) and Kevin Penn, supporting summer research for women in STEM.

Peter J. Condakes '78 Research Fellowship
Funds undergraduate summer research in geography and environmental studies and science.

Plave Family Research Fellowship
Established by Lee Plave ('80) and family to find research in neuroscience related to Amyotrophic Lateral Sclerosis (ALS)

Steinbrecher Fellowship Program
Established in memory of David C. Steinbrecher ('81) by family and friends in 2005

Tamara Gay Walker '75 Award Memorial Fund
Established in memory of Tamara Gay Walker by her husband Dennis Dimitri '75 to fund student study in languages, comparative literatures, and the arts.
Thank You

ClarkFEST Spring 2023 is sponsored by the Dean of the College Office and organized by the Office of Undergraduate Research & Fellowships Advising.

We thank the student presenters for their imagination, passion, and drive that make ClarkFEST such an exciting event. We thank the faculty and staff mentors who provide careful guidance to all Clark students throughout their educational journey.

Finally, we thank the faculty and staff across the university that have made this event happen:

**ATS**
Dorothy Erickson

**Becker School of Design & Technology**
Paul Cotnoir
Donald Desrochers
{Terrasa} Ulm

**Career Connections Center**
Lisa Chase

**Dean of the College**
Mary-Ellen Boyle
Lori Buckley
Evan Wilson

**Department of Psychology**
Kerri Stearns

**Dining Services**
Kim McElroy

**Division of Student Success**
Kamaro Abubakar

**Facilities Management**
Joseph Mogel

**ITS**
James Cormier

**Library**
Laura Robinson
Cynthia Shenette

**Marketing & Communications**
Meredith King
Jordan Aubin
Jill Friedman
Millie Rossman
Steven King

**Provost Office**
Sebastián Royo
Amy Lee

**University Events**
Amy Joseph

Exit Survey
Please share your experience with us by completing a brief survey.
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