

FALL FEST 2017

OCTOBER 27 FROM 1-4 P.M.

GODDARD LIBRARY | ACADEMIC COMMONS & 2ND FLOOR



A Celebration of Undergraduate Students'
Academic Achievements & Scholarly Distinctions



CLARK
UNIVERSITY



CHALLENGE CONVENTION. CHANGE OUR WORLD.

FALL FEST

This event celebrates the research and creative work Clark undergraduate students produce with the support and mentoring of the University's distinguished faculty and staff, and illustrates the University's commitment to LEEP. Many of the projects on display today have been supported by various University programs, including the Steinbrecher Fellowship Program, the LEEP Fellow program, the Harrington Fellows program, the Theodore Barth Foundation Internship Award, the NOAA Fellows program, the HERO Fellows program, and the Lois and Robert Green Urban Development and Social Change (UDSC) Summer Internship program.

What is LEEP (Liberal Education and Effective Practice)?

At Clark, we are pioneering a new model of liberal education: Liberal Education and Effective Practice (LEEP) that combines a traditional liberal arts experience with authentic engagement in the world and workplace. This innovative model integrates the wealth of intellectual and academic resources already present at the university with the skills and capacities that are becoming increasingly essential in the 21st century. The Clark undergraduate experience in all its dimensions—from the classroom to the research laboratory, from the co-curricular experience to teams and clubs—will educate graduates known not just for academic excellence, but also for resilience, persuasion, creativity, and the ability to demonstrate character when tested.

Steinbrecher Fellowship Program

In 2005, the family and friends of Clark alumnus David C. Steinbrecher '81 created the Steinbrecher Fellowship Program with a generous gift that established a permanent endowment in memory of David that provides fellowships for Clark undergraduates to pursue original ideas, creative research, public service or enrichment projects. The Steinbrecher Fellowship also seeks to create and maintain a vibrant community of learners by bringing Fellows together with each other and with a small group of faculty mentors to share ideas, experiences, and intellectual excitement at dinners and other special gatherings several times during each academic year.

LEEP Fellows Program

The LEEP Fellows program provides opportunities for students to complete LEEP Projects while receiving close mentoring and comprehensive programming support. The LEEP Project is an opportunity for Clark students—typically juniors and rising seniors—to take what they've learned in the classroom and explore its real-world applications. LEEP Projects take different forms, such as creating a product for a local business, assisting families in a developing country, working alongside a researcher in a lab either on campus or in the field, or providing research to support a sustainability initiative. Throughout their LEEP Project students reflect on their experience and relate what they are learning to future goals. LEEP Projects culminate in a campus presentation at Fall Fest that offers the opportunity to hone essential public speaking skills.

The Harrington Fellows Program

The Harrington Public Affairs Fellowship Program for undergraduates encourages and supports the pursuit of original research on politics and public policy as well as service projects, and is funded by the Francis A. Harrington Public Affairs Fund established in 1963.

Theodore Barth Foundation Internship Award

Thanks to the generosity of the Theodore Barth Foundation, Career Services offers undergraduate students up to \$2500 to support unpaid summer internships in the nonprofit sector. This funded internship opportunity is open to first-years, sophomores, and juniors.

NOAA Fellows Program

Scientists and managers with the National Oceanic and Atmospheric Administration (NOAA) partnered with Clark University to offer qualified undergraduate students paid summer field internships. Opportunities were available in NOAA labs and offices nationwide, working in fields such as applied ocean and atmospheric science, policy, and science communication.

HERO Fellows Program

The Human-Environment Regional Observatory (HERO) program is a unique undergraduate-graduate-faculty experience that engages in research on human-environment relationships in Massachusetts. HERO Fellows conduct hands-on research under the mentorship of Clark University faculty. The research conducted by HERO Fellows often leads to scholarly publications, presentations at academic conferences across the USA, and awards and honors.

Lois and Robert Green Urban Development and Social Change (UDSC) Summer Internship Program

The Urban Development and Social Change Program offers a paid summer internship for a continuing Clark undergraduate student, made possible by a generous endowed fund established by Clark alumni Lois and Robert Green. The intern assists a Worcester City Councilor or the staff of a Worcester city government agency or non-profit organization with a variety of projects and activities aimed at addressing issues of concern to residents of Worcester.

From 1 to 4 p.m. students will display their research findings through posters and electronic media (PowerPoint) presentations. **Posters are found on both the 1st and 2nd floors of the Goddard Library. Oral presentations are being held on the 4th floor of the library in the Fuller and Prouty Conference rooms.** Please enjoy some light refreshments found upstairs on the 2nd floor — thank you for coming!

OPEN HOUSE AND PRESENTATIONS

ORAL PRESENTATIONS

Fuller Conference Room (4th floor — Goddard Library)

- 1-1:45 p.m. POLITICAL SCIENCE
Interning with American Legislators: U.S. Senator Elizabeth Warren, U.S. Representative Keith Ellison, MA State Representative James Kelcourse. Jana Kelnhofer '17, John Hoegland '19, David Sullivan '20
(sponsor: Professor Mark Miller)
- 1:50-3 p.m. POLITICAL SCIENCE
Interning at the United Nations: Our Experiences from Albania, Pakistan, Lebanon, Georgia, and Dominican Republic. Dea Dodi '17, Maha Akbar '20, Sara Leila Nasah '20, Davit Tvildiani, Maria Pena '18 (sponsor: Professor Srinivasan Sitaraman)
- 3-3:15 p.m. COMPUTER SCIENCE
Emotion Analysis on Head-Mounted-Displays to Aid Visually Impaired Individuals. Rafael Zuniga '18 (sponsor: Professor John Magee)
- 3:20-3:40 p.m. GLOBAL ENVIRONMENTAL STUDIES
Environmental Journalism and Travel Writing Internship. Marissa Callender '18
LEEP Fellow (sponsor: Professor Soren Sorenson)
- 3:40-4 p.m. SOCIAL AND ENVIRONMENTAL JUSTICE
How Does Mindfulness Inform Social Action? Emmye Vernet '19, LEEP Fellow
(sponsor: Jessica Bane Robert, LEEP Center)

Prouty Conference Room (4th floor — Goddard Library)

- 1-1:45 p.m. ART HISTORY and HISTORY
Representation and Autonomy in the 1893 Chicago World's Fair. Toni Armstrong '19 and Khalil Power '18, LEEP Fellows (sponsors: Professor Amy Richter and Professor Kristina Wilson)
- 1:50-2:05 p.m. INTERNATIONAL DEVELOPMENT AND SOCIAL CHANGE
Rabbit Heart Poetry Film Assistant. Sarah Meigs '18, LEEP Fellow
(sponsor: Ruby Maddox, LEEP Center)
- 2:10-2:25 p.m. COMPUTER SCIENCE
Internship Experiences with Access to Information of Office of the Prime Minister of Bangladesh. Arnab Banik '19, LEEP Fellow (sponsor: Vickie Cox-Lanyon, LEEP Center)
- 2:30-2:45 p.m. INFORMATION SCIENCE
Citizen Worcester. Khaled Khalifa, '18 and Muhammad Islam '19, LEEP Fellows
(sponsor: Anthony Penny, Goddard Library)
- 2:50-3:10 p.m. GEOGRAPHY
From Crosby to Coal Miners: How WHY? Public Radio is Navigating Social Divides. Kate Summers '18 (sponsor: Professor James Murphy)

- 3:15–3:40 p.m. MUSIC
Preventing Dissonance in the Classroom: An Approach to Teaching Opera that Depicts Sexual Violence. Sydney Pepper '19 (sponsor: Professor Ben Korstvedt)
- 3:45–4 p.m. COMMUNICATION AND CULTURE
The Process Podcast. Patrick Robinson '18, LEEP Fellow (sponsor: Evette Walters, LEEP Center)

SUMMER RESEARCH & LEEP FELLOWS POSTERS/PRESENTATIONS

Biochemistry and Molecular Biology

1. *Biochemical studies of HACE1, an E3 Ubiquitin Ligase linked to Huntington's Disease and Wilms' Tumor.* Diana Argiles Castillo '18 (sponsor: Professor Donald Spratt)
2. *Synthesis of a Small Molecule Probe to Target Amine Oxidases.* Luke Barrows '19, LEEP Fellow (sponsor: Professor Charles Jakobsche)
3. *Investigating the Catalytic Activity of GFA and FALDH.* Katherine Battey '18 (sponsor: Professor Deborah Robertson)
4. *Determination of the Binding Strength of Kruppel for specific CRMs (cis-regulatory modules).* Aaron Bogle '18 (sponsor: Professor Donald Spratt)
5. *Investigation of the Nucleolar Localization of DdSrc1 in Dictyostelium discoideum.* Hector Bucaro '19 (sponsor: Professor Denis Larochelle)
6. *Formaldehyde Dehydrogenase as a Selectable Marker for Transformation in Marine Diatoms.* Christina Campagna '18 (sponsor: Professor Deborah Robertson)
7. *An Angelman Syndrome Substitution in the HECT E3 Ubiquitin Ligase C-Terminal Lobe of E6AP Affects Protein Stability and Activity.* Chloe Kellum '19 (sponsor: Professor Donald Spratt)
8. *Biochemistry of HERC4, an E3 Ubiquitin Ligase Involved in Cancer Metastasis and Spermatogenesis.* Young Sun Lee '19, LEEP Fellow (sponsor: Professor Donald Spratt)
9. *Developing Potent and Selective Inhibitors of Lysyl Oxidase.* Joseph McElwee '19 and Saadman Islam '19, LEEP Fellows in collaboration with Muyun Xu, graduate student (sponsor: Professor Charles Jakobsche)
10. *IDE-dependent Degradation of Insulin in the Presence of ATP.* Rebecca Meservier '18 in collaboration with Valerie Ivancic, graduate student (sponsor: Professor Noel Lazo)
11. *Biochemical studies of the HECT E3 Ubiquitin Ligase WWP1 and its involvement in Ebola, Breast and Prostate Cancer.* Emilie Ogisu '18, LEEP Fellow (sponsor: Professor Donald Spratt)
12. *Biochemical Studies to Better Understand how the HECT E3 Ligase Are11 Forms Lysine33 Ubiquitin Chains.* Lara Prosterman '18, LEEP Fellow (sponsor: Professor Donald Spratt)
13. *Uncovering the Mechanism of the HERC2 C-lobe Extension: An Ubiquitin Ligase Involved in Breast Cancer Tumorigenesis.* Noah Schwaegerle '18, LEEP Fellow (sponsor: Professor Donald Spratt)

Bioinformatics

14. *Core Promoter Element Nucleotide Interdependency Analysis in Drosophila melanogaster and Homo sapiens*. Regan Conrad '19 (sponsor: Professor Jackie Dresch)

Biology

15. *Cloning SMAD4 Gene in Capitella teleta*. Ann Kim '18 (sponsor: Professor Neva Meyer)
16. *Inheritance of Obesity in Drosophila*. Aishwarya Ayyappan '18 (sponsor: Professor Andreas Bergmann, UMass Medical School)
17. *A Balancing Act: How Lizards Use Their Tail During Locomotion on Different Substrates*. Kristen Glennie '18 (sponsor: Professor Philip Bergmann)
18. *Investigating Notch function during neurogenesis in the annelid, Capitella teleta*. Jenna Libera '18 (sponsor: Professor Neva Meyer)
19. *How Muscle Mass and Gear Ratio Affect Swimming and Jumping Performance in L. clamitans*. Jordan Majka '18 (sponsor: Professor Philip Bergmann)
20. *Convergent Evolution of Snake-like Body Shapes in Lizards: A Comparison of Locomotor Patterns*. Sara Mann '19 (sponsor: Professor Philip Bergmann)
21. *Developing a non-vertebrate model to study Aspergillus fumigatus virulence*. Rachel Mills '18 (sponsor: Professor John Gibbons)
22. *Centrin B and its correlation to the nuclear structure of Dictyostelium Discoideum*. Christopher Morales '18, LEEP Fellow (sponsor: Professor Denis Larochelle)
23. *Analyzing Proneural Gene Expression in the Annelid Capitella teleta Using Fluorescent In-Situ Hybridization*. Ashley Renfro '19 (sponsor: Professor Neva Meyer)
24. *Microhabitat use of snake-like Philippine lizards (Scincidae: Brachymeles)*. Erika Schaper '18 (sponsor: Professor Philip Bergmann)
25. *Investigating Genetics Pathways Involved in Huntington Disease and Model to Screen for Huntington Therapeutics*. Thanh Trinh '18 (sponsor: Professor Denis Larochelle)
26. *Searching for freshwater Thaumarchaeota in Walden Pond*. Holly Whytock '18 and Carly Johnson '18 (sponsor: Professor Nathan Ahlgren)
27. *Understanding Basic Research Techniques Through Extraction and Identification of Plant-Parasitic Nematodes*. Mary Yohannes '19 (sponsor: Professor Denis Larochelle)

Chemistry

28. *Synthesis, Characterization and Electrical Studies of LMA/MMA Random Co-polymers using ATRP*. Jeremy Abdulla '18 (sponsor: Professor Sergio Granados-Focil)
29. *Magnetostructural correlations of L2CuBr2 (L = 3-cyanopyridine, 2-amino-3-cyanopyridine, 2-amino-5-cyanopyridine) prepared via mechanochemical synthesis*. Jonathan Chellali '18, Sherman Fairchild Fellow (sponsors: Professors Mark Turnbull and Christopher Landee)
30. *Industrial Scale Polymer Studies at PCI Synthesis*. Micheal Kebede '18, James and Ada Bickman Fellow (sponsor: Professor Mark Turnbull)
31. *Synthesis of magnetic ladders from the reaction of 2-ethylpyrazine with CuX₂ (X= Br, Cl)*. Nikita Kupko '20 in collaboration with graduate student Jeffrey C. Monroe (sponsors: Professors Mark Turnbull and Christopher Landee)
32. *Exploration of Synthetic Conditions for Controlling Cu₂O Morphology*. Yana Zubarev '19, Sherman Fairchild Summer Scholars Program (sponsor: Professor Luis Smith)

Communication and Culture

33. *Design By Knowledge*. Byron Lewis-Cummings '18, LEEP Fellow
(sponsor: Professor Teja-Jose Arboleda)

Computer Sciences

34. *Web Application — Scrum Poker*. Hung Nguyen '18 (sponsor: Professor Li Han)
35. *Participatory Design using Sensory Substitution Devices with Tactile and Audio Feedback*.
Ella Tuson '19, Samantha Hughson '19, Christina Zymaris '19, and Ryan King '19,
LEEP Fellows (sponsor: Professor John Magee)

Economics

36. *Birth of Cities*. Claire Morehouse '20, LEEP Fellow (sponsor: Professors John Brown and
David Cuberes)
37. *The analysis of relationship between the Dollar exchange rate and oil price*. Siyi Wang '18
(sponsor: Professor David Cuberes)

Education

38. *Summer Arts Facilitator at Boys and Girls Club of Worcester*. Mackenzie Satalino '18 and
Freya Pollock '18 (sponsor: Linda Freedman, Craft Center)

Environmental Science

39. *Rapid bathymetry for safer navigation: Developing an automated process to get water depth
from satellites*. Tyler Anderson '18 (sponsor: Professor Chris Williams)
40. *Analysis of Large Precipitation Events for Burlington, VT from 1900 to 2016*.
Harris Eidelman '19 (sponsor: Professor Tania Bacchus, Johnson State College)
41. *Endangered Species Act-Listed Species Tracking in the Mid-Atlantic and New England*. Alexis
Stabulas '18 (sponsor: Professor John Baker)

Geography

42. *Modeling Abundance of Wild Bee Pollinators in Massachusetts for Economic and Ecological
Benefit*. Sophia Aronow '18 (sponsor: Arthur Elmes, Marsh Institute)
43. *The Houseless Right to the City: Property and the Collectivization of Urban Space in Portland,
Oregon*. Ian Jackson '18, LEEP Fellow (sponsor: Professor Mark Davidson)
44. *Finding Harmful Algal Blooms Using High Resolution Satellites*. Carly Robbins '18
(sponsor: Professor Florencia Sangermano)

Global Environmental Studies

45. *Investigating Effective Civic Action for Environmental Legislation at the State Level
Through Internships and Engagement with Climate Action Now, Western Massachusetts*.
Koby Gardner-Levine '18, LEEP Fellow (sponsor: Professor John Rogan)

HERO (Human-Environment Regional Observatory)

46. *An assessment of juvenile tree health and stewardship on private properties in Holyoke and Chelsea, Massachusetts, for the Greening the Gateway Cities Program.*
Gemma Wilkens '18, Meyru Bhanti '18, Eli Baldwin '19, Miles Weule '18, Joe Mogel '18, and Hannah Corney '18 in collaboration with Arthur Elmes, Marc Healy, Zhiwen Zhu, (sponsors: Professors John Rogan and Deborah Martin)
47. *Assessment of Juvenile Street Tree Health in Greening the Gateway Cities Program.*
Hannah Corney '18, Miles Weule '18, Joe Mogel '18, Gemma Wilkens '18, Meyru Bhanti '18, and Eli Baldwin '19 in collaboration with Arthur Elmes, Marc Healy, Zhiwen Zhu, (sponsors: Professors John Rogan and Deborah Martin)

Holocaust and Genocide Studies

48. *Holocaust and Genocide Studies Summer Stipend Recipient 2017.* Macy Golman '19
(sponsor: Professor Shelly Tenenbaum)

Innovation and Entrepreneurship

49. *Community Development and Entrepreneurship Through Sustainable Urban Agriculture.* Kaiomi Inniss '19, Karina Nunez Ortega '18, Kendra Melanson '19, Fiona McDonnell '18, LEEP Fellows (sponsor: Professor John Dobson)
50. *My Semester in the City with the College for Social Innovation.* Taylor Miller '18
(sponsor: Professor Heather Silber Mohamed)

International Development and Social Change (IDSC)

51. *How Does Cuba Address the Needs of Their Society?* Zion Bereket '18, Lorena Chelaru '18, LEEP Fellows (sponsor: Micki Davis, LEEP Center)
52. *Governmentality in Namibia's Development.* Samuel Kennedy '18, LEEP Fellow (sponsor: Professor Dave Bell)
53. *Internship at Kenyan Embassy.* Saroya Madlala '18, LEEP Fellow
(sponsor: Professor Dave Bell)
54. *Working with Sexually Exploited Women in Main South Worcester.* Leah Meyers '18, LEEP Fellow (sponsor: Marianne Sarkis, Global Community Health Program)
55. *ThinkWoo Summer Youth Think Tank Series.* Alexis Richards '18, LEEP Fellow
(sponsor: Ruby Maddox, LEEP Center)
56. *Economic Importance of Mexican Labor.* Leonard Strauss '19
(sponsor: Professor Denise Humphreys Bebbington)

Language, Literature and Culture

57. *Hispanic Culture and Heritage/Herencia y Cultura Hispánicas (HCH)*
Margaret Foster '18 in collaboration with Celia Ringland '17 and Elyana Kadish '17
(sponsor: Professor Lola Juan-Moreno)

LEEP Project

58. *Assessing the Effects of Free Healthcare on Maternal and Neonatal Health in Rural Nepal.* Sweta Basnet '18, LEEP Fellow (sponsor: Ruby Maddox, LEEP Center)
59. *C4 Opt-In: My Summer with Planned Parenthood.* Isabella Frederick '19 LEEP Fellow (sponsor: Ruby Maddox, LEEP Center)
60. *LEEP Project — Youth Programs Intern.* Rebecca Wallace '19 LEEP Fellow (sponsor: Karen Pelletier, Worcester Chamber of Commerce)

Mathematics and Computer Science

61. *An Evolved Evolutionary Algorithm.* Michael Gaiewski '18 (sponsor: Professor Jacqueline Dresch)
62. *Manifolds Theory and General Relativity.* Mateo Gomez '19 (sponsor: Professor Amir Aazami)
63. *Classification of Subgroups in $SO(3)$.* So Jung Kim '19 (sponsor: Professor Otto van Koert, Seoul National University)

Music

64. *Music as Social Empowerment.* Callie Ostrowski '18, Kathleen Scannell '18, Elizabeth Jones '19, LEEP Fellows (sponsor: Professor Peter Sulski)

Physics

65. *Systematic Arrangement of Cu_2O Nanocubes.* Burhan Ahmed '19 (sponsor: Professor Michael Boyer)
66. *The Evolution of Porosity in Granular Media.* Nathan Fitzpatrick '18 (sponsor: Professor Arshad Kudrolli)
67. *The Clark University MicroGrid and Wind Turbine MPPT System.* Sheila Ford '20 (sponsor: Professor Charles Agosta)
68. *Motion of Dislodged Object Over Barrier.* Samuel Hoang '20 (sponsor: Professor Arshad Kudrolli)
69. *Density Based Traffic in 1-Dimension.* Gregory Jones '19 (sponsor: Professor Arshad Kudrolli)
70. *Evolutionary Synchronization of Biological Oscillators.* Timothy Jones '19 (sponsor: Professor Ranjan Mukhopadhyay)
71. *Photochemistry of Astrochemically-relevant Ammonia Ices.* Muhammad Kasule '18, LEEP Fellow (sponsor: Professor Michael Boyer)
72. *Clark University MicroGrid: Web Development & Data analyzing.* Megan McIntyre '19, LEEP Fellow (sponsor: Professor Charles Agosta)
73. *Frequency Dependent Filtering by Signalling Pathways.* Cameron Mitchell '18 (sponsor: Professor Ranjan Mukhopadhyay)
74. *Superfluid to Checkerboard Phase Transition in Optical Lattice.* Matthew Pacenka '20 (sponsor: Professor Barbara Capogrosso Sansone)

75. *Scanning Tunneling Microscopy (S.T.M) & Scanning Electron Microscopy (S.E.M) imaging of cuprous oxide nanocubes*. Ben Philip Osuri '19, LEEP Fellow
(sponsor: Professor Michael Boyer)
76. *Earthworm Locomotion in Granular Media*. Bernny Ramirez '18, LEEP Fellow
(sponsor: Professor Arshad Kudrolli)
77. *Modelling the Evolution of Bio-Oscillators Robust to Changes in Temperature*.
Ram Sharma '19 (sponsor: Professor Ranjan Mukhopadhyay)

Political Science

78. *Exploring the Use of Child Soldiers by Terrorist Groups and Government Policies in Mali*.
Charline Kirongozi '18 (sponsor: Professor Michael Butler)
79. *Africa and Institutions: South Africa's decision to consider leaving the International Criminal Court*. Ashleigh Nongogo '18 (sponsor: Professor Kristen Williams)

Psychology

80. *Interparental Conflict and Child Social Outcomes*. Khali Maden '18 in collaboration with
Justin LaPlante, graduate student (sponsor: Professor James Cordova)
81. *The Impact of Symptom Dimension, Dysfunctional Beliefs, and Trajectories of Change on
Intensive/Residential Treatment for OCD*.
Emma Needles '18 (sponsor: Professor Esteban Cardemil)
82. *An Analysis on the Peer Response to Sexual Violence*. Andrew Nickerson, '19
(sponsor: Professor Kathleen Pam Reed)
83. *Ethnic Differences in College Student Purpose*. Aidan Ottoni-Wilhelm '18
(sponsor: Professor Seana Moran)
84. *The Role of Future Dangerousness in Death Penalty Cases*. Bailey Pridgen, '18
(sponsor: Professor Allen Brown, Anna Maria College)
85. *Storytelling as Activism: Testimony Collection with NARAL Pro-Choice*. Becky Schaffer, '19
(sponsor: Professor Michael Bamberg)

Screen Studies

86. *An Analysis of Millennial Ideals and Leadership, as seen through Marvel Comics*.
Ben Wasserman '18, LEEP Fellow (sponsor: Professor Jeremy Powell)

Sociology

87. *Sustainable Farming with the Shaker Organic Gardens*. Marin Smith '19, LEEP Fellow
(sponsor: Ruby Maddox, LEEP Center)

Studio Art

88. *Your Story International (Haiti, Leogane)*. Yenifer Cabreja '19, LEEP Fellow (sponsor:
Professor Stephen DiRado)
89. *Apprenticeship and Studio Management with Fine Arts Photographer Rachel Loischild*.
Mathilde McAlpin '18, LEEP Fellow (sponsor: Professor Rachel Loischild)

Theodore H. Barth Foundation

90. *Law and Order: In the Woo*. Jessica Boulet '19, LEEP Fellow (sponsor: Vickie Cox Lanyon, LEEP Center)
91. *My time at the New England Wildlife Center: Making the world a better place one raccoon at a time*. Brian Eckelman '20 (sponsor: Vickie Cox-Lanyon, LEEP Center)
92. *ArtsWorcester*. Alyssa Pelletier '19, LEEP Fellow (sponsor: Vickie Cox-Lanyon, LEEP Center)
93. *Urban Agriculture in Berkeley, CA*. Rebecca Silver '19 (sponsor: Vickie Cox-Lanyon, LEEP Center)
94. *Internship at ENDA Energie*. Leta Branham '18 (sponsor: Vickie Cox-Lanyon, LEEP Center)

Urban Development and Social Change (UDSC)

95. *Community Development through Housing Stability*. Claire Shapton '19 (sponsor: Professor Deborah Martin)
96. *Transitions from Jail to the Community: an Analysis of Statewide Resources*. Katherine Wallace '19 (sponsor: Marianne Sarkis, Global Community Health Program)

STUDENT DISTINCTIONS

HONOR SOCIETIES

2017-2018 Members of Fiat Lux

Marisa Bohlman
Lorena Chelaru
Emilee Cocuzzo
Joshua DeMelo
Margaret Foster
Katherine Grady
Erica Issenberg
Lucyna Kogut
Elizabeth Marszalek
Leah Meyers
Kayla Paton
Brenna Robeson
Jennifer Rubin
Maria Rudorf
Annie Share
Alexis Stabulas
Abigail Waldron

2017-2018 Members of Gryphon and Pleiades

Brendan Burgess
Emilee Cocuzzo
Joshua DeMelo
Sherief Eldeeb
Margaret Foster
Alexander Grayson
Adam Katzman
Carly Robbins
Jennifer Rubin
Maria Rudorf
Annie Share
Qurrat (Anny) Ul-Ain

UNIVERSITY AWARDS

The Marshall Geer McKim Memorial Fund

Alyssa Collins
Halley Glier
Yamaya Jean
Melanie Jennings
Daniel Oliveria

The Thomas Wisniewski Undergraduate Award

Ian Jackson

DEPARTMENTAL AWARDS

Biology

*M. Margaret Comer Memorial Award
for Undergraduate Studies in the
Biological Sciences*
Jordan Majka
Azra Tahria

David Potter Prize for Excellence in Biology
Wynn Haimer
Lucyna Kogut

Chemistry and Bio-Chemistry

*Chemical Rubber Company Press Freshman
Chemistry Achievement Award*
Tayla Cormier
Emma Narkewicz

Organic Chemistry Prize
Luke Barrows

*Wen-Yang Wen Award for Excellence in
Chemistry*
Jonathan Chellali

Economics

David R. Porter '35
Prize for Excellence in Economics
Tehreem Cheema
Michael Gaiewski
The Roger Van Tassel Book Prize
Lakshmana Chavali
Karishma Sewsankar

English

Leroy Allston Ames Essay Contest
Logan Manchester
William H. Carter Jr. Prize in English
Charlotte Gyang-Duah
Loring Holmes and Ruth Dodd Drama Contest
Toni Armstrong
Prentiss Cheney Hoyt Poetry Contest
Maria Connors
Jessica Hoops
Betty '79 and Stanley Sultan
Short Story Contest
Chukwuma Egbuzie
Rachel Lloyd
Davina Tomlin

Geography

Strabo Award
Ian Jackson
Rose Kendrick

Philosophy

Excellence in Philosophical Studies
Mitchell Dumbke
Logic Prize in Philosophy
Heather Riesenber

Physics

Roy S. Andersen '43 Award
Michael O'Connor
Albert C. Erickson '30 Academic Award
Muhammad Kasule

Political Science

Morris H. Cohen Prize
Adam Katzman
Zenovia Sochor Memorial Fund
Charline Kirongozi
Nathan MacDonald
Brenna Robeson

Psychology

Simon and Eve Colin Undergraduate
Creativity Award
Sherief Eldeeb
Jenna Libera
Herman A. Witkin Memorial Fellowship
Andrés Gvirtz

Visual and Performing Arts

Jason Michael Simpkins
Memorial Endowment for Screen Studies
Sarah Kaplan

STUDENT SUMMER RESEARCH AND INTERNSHIP AWARDS

Chandler Bailey Internship in Economics

Andres Gvirtz

Theodore H. Barth Foundation Summer Internship Award

Maha Akbar

Jessica Boulet

Leta Branham

Brian Eckelman

Alyssa Pelletier

Maria Pena

Rebecca Silver

Lise Anne and Leo E. Beavers II Fellowship

Ann Kim

Jenna Libera

James '39 and Ada Bickman Summer Science Research Internship

Micheal Kebede

Chloe Kellum

Nikita Kupko

Jordan Reseta

Sara Bickman Music and Arts Summer Internship Award

Liat Graff

Teide Riley-McNary

Jacqueline Savageau

Peter J. Condakes Summer Research Award

Sophia Aronow

Ian Jackson

Albert C. Erickson '30 Summer Research Award

Nikolay Ionkin

Stanley Geschwind Memorial Summer Internship Award

Sheila Ford

Lois M.P.A. '78 and Robert '49 Green UDSC (Urban Development and Social Change) Summer Internship

Claire Shapton

Katherine Wallace

The Harrington Public Affairs Fellowship Program for Undergraduates

Dea Dodi

Samantha Flanagan

Jana Kelnhofer

Charline Kirongozi

Sara Nasah

David Sullivan

HERO (Human-Environment Regional Observatory) Fellowship

Eli Baldwin

Meyru Bhanti

Hannah Corney

Joe Mogel

Miles Weule Chandler

Gemma Wilkens

Innovation and Entrepreneurship Program U-Reka Honorees

Anika Kreckel and Max Kreckel (1st)

Daysha Williams (2nd)

Mitchell Mondro and Lewis Mariano
(Audience Choice)

International Studies Stream Summer Research Award

Absar Ali

Yousra Benchekroun

Anthony Jreije

Henry J. and Erna D. Leir Merit Scholarships

Johnny Bui

Sophia Dzikas

Eleanor Eaton

Ben Wasserman

Tommy Wu

**Henry J. and Erna D. Leir Excellence
through Diversity Scholarship**

Johnny Bui
Sophia Dzikas
Eleanor Eaton
Harpreet Kaur
Bolin Wang
Tommy Wu

**Marsh-Mosakowski NOAA
(National Oceanic and Atmospheric
Administration) National Centers for
Coastal Ocean Science Fellows**

Tyler Anderson
Anika Kreckel
Carly Robbins
Alexis Stabulas

**Maurine H. Milburn
Summer Research Fellowship**

Yoni Hazen
Cameron Mitchell
Tim Jones

**PCI Synthesis Chemistry Summer
Fellowship**

Luke Barrows
Joseph McElwee

Steinbrecher Fellows

Odgerel Chintulga
Spencer Cronin
Sherief Eldeeb
Alika Gillard
Molly Gurney
Anthony Jreije
Charline Kirongozi
Lucyna Kogut
Erika Shaper

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