FALL FEST 2015

A CELEBRATION OF UNDERGRADUATE STUDENTS’ ACADEMIC ACHIEVEMENTS AND SCHOLARLY DISTINCTIONS

OCTOBER 23 FROM 1-4 P.M.
GODDARD LIBRARY | ACADEMIC COMMONS & 2ND FLOOR
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 Fellow 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, the 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!
ORAL PRESENTATIONS
Fuller Conference Room (4th floor — Goddard Library)

1–2 p.m. INTERNATIONAL DEVELOPMENT AND SOCIAL CHANGE (IDSC)
In the Name of Land, Community and Life.
Chelsea Viteri ’16 (sponsor: Professor Cynthia Caron)

3–4 p.m. LEEP FELLOWS AND HARRINGTON FELLOWS
Sponsored by Political Science Faculty
Promoting Pro-Choice Policy: An internship with NARAL.
Hallie Blashfield ’17, LEEP Fellow (sponsor: Professor Valerie Sperling)
Interning at the U.S. Department of State: Reflecting on Gender.
Nathalie Notarianni ’16, LEEP Fellow (sponsor: Professor Kristen Williams)
Grass Roots Organizing in a Swing District. Michael Pierce ’16, HARRINGTON Fellow (sponsor: Professor Robert Boatright)
Coexistence, Complexity, Beyond: A Summer with Children in Jerusalem.
Leah Simonson ’17, LEEP Fellow (sponsor: Professor Valerie Sperling)
The Politics and Effects of DAPA and DACA on Worcester Immigrants.
Courtney Thomas ’17, HARRINGTON Fellow (sponsor: Professor Heather Silber Mohamed)

Prouty Conference Room (4th floor — Goddard Library)

1:20–1:35 p.m. HISTORY
Beaver Brook: Reconstructing a Community Landscape.
Gabrielle Seligman ’16, LEEP Fellow (sponsor: Professor Janette Greenwood)

2:20–2:40 p.m. MUSIC
Breaking Down Barriers: Exploring the Junction of Mainstream and Avant-Garde Music. Mickayla Aboujaoude ’17, LEEP Fellow (sponsor: Professor John Aylward)

2:50–3:10 p.m. PEACE STUDIES — THEODORE BARTH INTERNSHIP
Building a Culture of Peace: Strategies and Structures.
James Patin ’17 (sponsor: Career Services/Professor Jude Fernando)

3:35–4 p.m. PHILOSOPHY
Stress Reduction Through Forgiveness with Tibetan Monks.
Jules Ochoa ’16, LEEP Fellow (sponsor: Professor Wes DeMarco)
SUMMER RESEARCH & LEEP FELLOWS POSTERS/PRESENTATIONS

Art History
1. *Pre-Columbian Art at the WAM.* ZiZi Spak ‘16, LEEP Fellow (sponsor: Professor John Garton)

Biochemistry and Molecular Biology
2. *Systematic Analyses of the Effects of Hsp90 Mutations on Yeast Growth Curve.* Milky Abajorga ‘18 (sponsor: Professor Mark Turnbull)
3. *Probing the Oligomerization of C-Terminal Binding Protein: The Effects and Implications of Site-Directed Mutagenesis on Tetramer Formation.* Andrew Bellesis ‘16 (in collaboration with Kyle Gellatly, graduate student-UMASS Medical; sponsor: Professor William Royer, UMASS Medical)
4. *Studying the Inhibition of Lysyl Oxidase and other Amine Oxidase.* Ashley Burke’16 & Nicholas MacArthur ‘16 (sponsor: Professor Charles Jakobsche)
5. *Functionalization of PEG with PEI for Potential Gene Delivery.* Elizabeth Chan ’16, LEEP Fellow, Thanaphorn Suk-in ’16, LEEP Fellow & Alva Tan ’17, LEEP Fellow (sponsor: Professor Sergio Granados-Focil)
6. *Utilization of BioID to Explore Nuclear Proteins in Dictyostelium discoideum.* Elizabeth Nelson ’16, LEEP Fellow & Ying Ge Wang ’16, LEEP Fellow (in collaboration with Xiang Ren, graduate student; sponsor: Professor Denis Larochelle)
7. *Exploring the interaction between CenB and Rad4.* Shivani Patel ’16, LEEP Fellow (sponsor: Professor Denis Larochelle)
9. *Preparation and characterization of model membranes for the elucidation of membrane-catalyzed amyloid formation by the amyloid-β protein.* Hung Pham ’16 & Tu Do ’16 (in collaboration with Valerie Ivancic, graduate student; sponsor: Professor Noel Lazo)
10. *Development of Bioluminescent Bacteria for UV Sensitivity Assay Improvement.* Kayli Schulz ’16 (sponsor: Professor Denis Larochelle)
11. *Investigation of CDK1-site of Src1 in Dictyostelium discoideum.* Ying Ge Wang ’16, LEEP Fellow (in collaboration with Xiang Ren, graduate student; sponsor: Professor Denis Larochelle)

Biology
12. *Genetic diversity of Margaritifera margaritifera populations across Northwestern Massachusetts.* Brennin Consalvi ‘17, LEEP Fellow (sponsors: Professor John Baker & Professor John Gibbons)
13. *The effects of mixing different substrate particle sizes on lizard running performance.* Marian Crockett ’16 (sponsor: Professor Philip Bergmann)
14. **Behavioral Response to Predatory Attack in Gravid Three-Spine Stickleback.**  
   Samantha Dokus ’16, LEEP Fellow (in collaboration with Melissa Graham, graduate student; sponsor: Professor Susan Foster)

15. **Investigating brain gene expression related to the stress-response system in three-spine Stickleback fish.** Amanda Fragata ’16 & Tina Vo ’16 (in collaboration with Melissa Graham, graduate student; sponsor: Professor Susan Foster)

16. **Interactions between dumpy and rickets: a story in the matrix?** Phoebe Hughes ’16 (sponsor: Professor Justin Thackeray)

17. **Predicted role of SoxB genes during neurogenesis in the annelid Capitella teleta.**  
   Christie Joyce ’16 (sponsor: Professor Neva Meyer)

18. **Uncovering variations in the carbon strategies of giant kelp, Macrocystis pyrifera.**  
   Celine Miranda ’17 (in collaboration with Sarah Tepler, UCSC, sponsored by NSF Research experience for Undergraduates)

19. **The Role of BMP Signaling in Neural Development in the Annelid Capitella teleta.**  
   Kristi Sarro ’16 (sponsor: Professor Neva Meyer)

20. **Resource Partitioning in Response to Competition in Ochlerotatus hendersoni.**  
   Levi Seeley ’16 & Monica Marrone ’16 (sponsor: Professor Todd Livdahl)

21. **Investigating Methylation Difference Between Honeybee Sub castes.** Ethan Wainblat ’16, LEEP Fellow & Rachel Orlomoski ’17, LEEP Fellow (sponsor: Professor Robert Drewell)

22. **Testing the Effects of Hydration State and Temperature on Moisture Preferences and Water-Conserving Postures in American Toads (Anaxyrus americanus).** Verna Zhao ’17, LEEP Fellow (in collaboration with Faye Harwell, graduate student; sponsor: Professor Philip Bergmann)

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**Chemistry STOPPED HERE**

23. **The Study and Magnetic Analysis of Inorganic Adamantane Analogs.** Jeremy Abdulla’18, LEEP Fellow (sponsor: Professor Mark Turnbull)

24. **Synthesis of Geraniol Analogues: In Support of the Kinetics Project.** Danielle Augur’16, LEEP Fellow (in collaboration with Michael Reardon, graduate student; sponsor: Professor Charles Jakobsche)

25. **Observed Trends in Microwave Synthesis of Cu2O Nanomaterials.** Zsanna Davis ’16 (sponsor: Professor Luis Smith)

26. **Synthesis of Lead-Containing Three and Four-Layered Perovskites.** Kimberly DiManno ’16 (in collaboration with Joshua Boykin, graduate student; sponsor: Professor Luis Smith)

27. **The Mechanochemical Synthesis of (SCNAP) _n_ CuCl _2_.** Penelope Farris’18, LEEP Fellow (sponsor: Professor Mark Turnbull)

28. **A Molecular Bridge to Modify the Surface of HIV-enhancing Amyloid Fibrils.** Devon Fontaine ’17, LEEP Fellow & Maria Solares Bucaro, ’17, LEEP Fellow (in collaboration with Michael Reardon, graduate student; sponsor: Professor Charles Jakobsche)

29. **Synthesis of linear alkyl ethers for temperature regulation: Optimization of reaction conditions and process scale up.** Spencer Mayotte ’16 & Daniel Harris ’16 (sponsor: Professor Sergio Granados-Focil)
30. The effect of 2-pyridone substitutions on the magnetic exchange of 2-pyridone/pyrazine linear chains of copper (II) perchlorate. Meghan Monk ’16 (sponsor: Professor Mark Turnbull)


32. Synthesis and Characterization of Polyethyleneimine-Based Lithium Conducting Polymers to be Used in Energy Storage. David Powers ’16 (sponsor: Professor Sergio Granados-Focil)

33. Construction of Cell for Lithium Polymer Matrix Analysis through PFG NMR. Arjuna Shenoy ’16 (sponsor: Professor Luis Smith)

Cross-Disciplinary

34. HireEd Program for Summer Interns. Manjushree Burdekar, LEEP Fellow ’16 (sponsor: Professor Andrew Stewart)

35. Recreation Worcester. Mark Crisafulli ’16, LEEP Fellow & Haley Gilmore, LEEP Fellow ’16 (sponsor: Professor Esteban Cardemil)

36. Utilizing NASA Earth Observations to identify locations for sedimentation mitigation in the Ralston Creek Watershed following the September 2013 Colorado floods. Amy Phillips ’16 (sponsor: NASA DEVELOP National Program)

37. Developing a Knowledge Management Curriculum for Nonprofits. Yoni Sternberg, LEEP Fellow ’17 — Education/Communications project (sponsor: Professor Johanna Vollhardt)

Cultural Studies & Communication

38. A “Beautiful and Interesting” Endeavor; Bilingual Youth Participatory Research and Writing on Poetry Inside Out. Abby Moon ’17, LEEP Fellow (sponsor: Professor Sarah Michaels)

39. Youth Religious Enrichment in Southern New Hampshire. Laura Virga ’16, LEEP Fellow (sponsor: Professor Amy Whitney)

40. WooFest: Music and Arts Festival. Tricia Wise ’16, LEEP Fellow & Faith Kelnhofer ’16, LEEP Fellow (sponsor: Tina Zlody)

Education

41. Literacy Volunteers ESL Summer Program. George Jreije ’17, LEEP Fellow (also associated with the Political Science department; sponsor: Evette Walters)

42. Making Worcester An Innovation District: Scaling Union Hill School’s Successes Districtwide. Kevin Louis ’16 (sponsor: Professor Eric DeMeulenaere)

English

43. Bentley Diary Transcription LEEP Project. Gabrielle Belisle ’17, LEEP Fellow (sponsor: Professor Meredith Neuman)

Environmental Science

44. Nest Box Use and Habitat Preference in Tree Swallows. Stefanie Farrington ’17, LEEP Fellow (sponsor: Melissa Graham, graduate student)

45. Comparing use of a Shovel with and without a Stilling Well for Measuring Deposited Fine Sediment. Eric Pasay ’16 (sponsor: Professor Shannon Brewer, Oklahoma State University)
Geography

46. Lessons from Mexico: Development Work in Sustainable Chicken Farming. John Hite ’17, LEEP Fellow — also associated with the Spanish Department (sponsor: Professor James Murphy)

47. Measuring Post-Disturbance Regeneration of Forests in Northwest Colorado. Digby Kalert ’17, LEEP Fellow (in collaboration with Nathan Gill & Moriah Day, graduate students; sponsor: Professor Dominik Kulakowski)


49. The Appalachian Trail: Where Geography Meets Narrative. Ted Randich ’16, LEEP Fellow (sponsor: Professor Mark Davidson)

50. A Socioeconomic Profile of Recreation Users of the California Northern Central Coast Region, Greater Farallones National Marine Sanctuary and the northern portion of Monterey Bay National Marine Sanctuary. Daniela Reyes Saade ’17, NOAA Fellow (sponsor: Professor James McCarthy)

51. Interannual Sea Ice Variability in Cape Bathurst and Saint Lawrence Island Polynyas: Effects on Regional Primary Productivity. Warren Scott ’16, LEEP Fellow (sponsor: Professor Karen Frey)

52. Cultivating Urban Youth: Professional Development through Farming. Ariel Vaughan ’17, LEEP Fellow (sponsor: Professor Jody Emel)

53. Bursting the Clark Bubble: Improving Student Knowledge and Usage of Public Transportation Options in Worcester. Alaina Yonkers ’16, LEEP Fellow & Jarrett Taxman ’16, LEEP Fellow (sponsor: Professor Mark Davidson)

Global Environmental Studies


HERO (Human-Environment Regional Observatory)

55. Assessing the Survivorship and Conditions of the Planted Trees in Worcester, MA. Yuka Fuchino ’16 & Chung Truong-Nguyen ’16 (sponsors: Professor John Rogan and Professor Deborah Martin)

56. Evaluating Residents’ Experiences with Tree Planting Programs in Worcester, MA. Eli Goldman ’16 & Isabel Miranda ’17 (sponsors: Professor Deborah Martin and Professor John Rogan)

57. Indirect Indicators of Tree Survivorship. Hannah Rosenblum ’16 & Ali Filipovic ’17 (sponsors: Professor John Rogan and Professor Deborah Martin)

Sustainable Clark

58. Greening Transportation at Clark University. Hannah Rosenblum ’16, LEEP Fellow (sponsor: Jenny Isler)
History


60. Holocaust-Era Money and the Economics of Genocide. Marisa Natale ’17, LEEP Fellow (sponsor: Professor Thomas Kühne)

Holocaust and Genocide Studies

61. Summer 2015 Internship: Mashantucket Pequot Museum. Emma Durocher ’16 (sponsor: Professor Shelly Tenenbaum)


International Development and Social Change (IDSC)

63. Rural Energy Crisis, Poverty and conflict in Rural Haiti. Ashly Brun ’17, LEEP Fellow (sponsor: Professor Jude Fernando)

64. Understanding Post-Apartheid Dynamics in an Integrated South African Village. Devra Goldstein ’16 - Steinbrecher Fellow (sponsor: Professor Cynthia Caron)

65. Safe Routes to School Program in the City of Worcester. Giovana Ortiz-Barrera ’17, LEEP Fellow (sponsor: Professor Marianne Sarkis)

66. Returned Peace Corps Volunteers Experiences. Sabrina Taveras ’16, LEEP Fellow (sponsor: Professor Cynthia Caron)

67. Justice, Justice Shall You Pursue: The Connection Between the Jews of Mumbai and the Kalwa Slum. Molly Weilbacher ’17, LEEP Fellow (sponsor: Professor David Bell)

68. Growing Places: Food Justice in Central Massachusetts. Jessie Zelisko ’16 (sponsor: Professor Cynthia Caron)

International Development, Community and Environment (IDCE)

69. Hot Spots of Prostitution Related Arrests in Worcester, MA. Clara O’Rourke ’16, LEEP Fellow (sponsor: Professor Marianne Sarkis)

Law and Society

70. Stop the Drop: Working against the SNAP Crisis in Massachusetts. Jake Dinerman ’16, LEEP Fellow (sponsor: Professor Mark Miller)

Linguistics


Management

72. LEEP Project. Business Development internship at Fort Strategic. Karla Villanueva ’16, LEEP Fellow (sponsor: Professor David Jordan)
Mathematics and Computer Science

73. Predictive Link Following For Accessible Web Browsing. Jiri Roznovjak ’18, LEEP Fellow (sponsor: Professor John Magee)

74. WooConnect Summer LEEP Project. Abhijit Singh ’16, LEEP Fellow & Cyrus Fenderson ’16, LEEP Fellow (sponsor: Professor Amy Whitney)

75. Application of Spectral Clustering in Genetics. Binh Tang’16 (sponsor: Professor Lawrence Morris)

Music

76. Worcester Chamber Music Society Music Camp. Cailley Culotta ’16, LEEP Fellow (sponsor: Professor Peter Sulski)

77. The Etchings Festival: A Contemporary Music Experience. Moises Duron ’16, Steinbrecher Fellow (sponsor: Professor John Aylward)

Physics

78. Troubleshooting and re-design of a small pulsed field TDO system. Logan Bishop-Van Horn ’17 (sponsor: Professor Charles Agosta)

79. Constructing a Wind Speed Measurement Station. El Ghali Bouchareb ’17 (sponsor: Professor Charles Agosta)

80. The Olami-Feder-Christensen Model. Ayush Joshi ’16 (sponsor: Professor Louis Colonna-Romano)

81. Zipf’s Law and Criticality in Biological Systems. Nizar Naitlho ’16 (sponsor: Professor Ranjan Mukhopadhyay)

82. Troubleshooting the data acquisition process for a small pulsed field TDO system. Max Newman ’17 (sponsor: Professor Charles Agosta)

83. Evolutionary Dynamics. Greg Schulman ’16 (sponsor: Professor Ranjan Mukhopadhyay)

84. Investigating the Properties of Cuprous Oxide Nanocubes using AFM and STM. Lubaina Selani ’17, LEEP Fellow, Lucas LaLima ’17 & Muhammad Kasule ’17, LEEP Fellow (sponsor: Professor Michael Boyer)

85. Measurements of drag forces in Hydrogels. Nuzhat Tabassum Tani ’18, LEEP Fellow (in collaboration with Xavier Clotet Fons, post-doctoral research associate; sponsor: Professor Arshad Kudrolli)

86. Clark Microgrid Renewable Energy. Ekaterina Taunova ’16, LEEP Fellow (sponsor: Professor Charles Agosta)

87. Renewable Technology Research — Solar Microgrid Control Board. Zachary Weller ’16, LEEP Fellow (sponsor: Professor Charles Agosta)
Political Science


89. Regional Environmental Council Internship. Ryan Hennrikus ’17, LEEP Fellow (sponsor: Professor Ora Szekely)

90. How Technology benefits Non-profit Organization? Huong Le ’16, LEEP Fellow (sponsor: Professor Kristen Williams)

91. My Time in the Middle East. Jonah Naghi ’16, Also associated with the History Department (sponsor: Professor Ora Szekely)

Psychology

92. The role of age and intragroup religious differences in predicting conflict attitudes. Jonah Naghi ’16 (sponsor: Professor Johanna Vollhardt)

93. Table Talk: College Women’s Discourses Surrounding Food, Dieting, and Body Image. Gianna Bizzarro ’16 (in collaboration with Justin LaPlante; sponsor: Professor James Cordova)

94. Traumatic Life Events and Life Purpose. Hannah Camiel ’16 (sponsor: Professor Seana Moran)

95. Role of language in shaping cultural identities of Indian American emerging adults. Audrey Dolan ’17 (in collaboration with Achu Johnson Alexander, graduate student; sponsor: Professor Jeffrey Arnett)

96. Where have all the Queers gone? Missing data on the health of LGB populations. Themal Ellawala ’17, LEEP Fellow (sponsor: Professor Esteban Cardemil)


98. Victim Consciousness in the context of the Cyprus Conflict: Preliminary Findings and Implications. Eliana Hadjiandreou ’16 (sponsor: Professor Johanna Ray Vollhardt)


100. Autism and Aggression: A Literature Review Examining the Potential Courtesy Stigma Parents of Children with Autism May Experience. Kayla Landis ’16, Steinbrecher Fellow (sponsor: Professor Nicole Overstreet)

101. The Role of Gender in Predicting Conflict Attitudes: Findings on the Israeli-Palestinian and Cypriot Conflicts. Miranda Smerling ’18 (sponsor: Professor Johanna Vollhardt)

Public Health Program

102. 2015 Greater Worcester Community Health Assessment. Tess Lewin-Jacus ’17, LEEP Fellow (sponsor: Professor Zachary Dyer)
Screen Studies

Hannah Kogut ’17, LEEP Fellow (also associated with the History Department; sponsor: Professor Marianne Sarkis)

Sociology

104. *The Socioeconomic Condition of Rural Communities and Implications for Renewable Energy Industries.* Marie Deininger ’16.

105. *Gateway Arts: Expanding into the Community.* Lily Scheindlin ’16, LEEP Fellow (sponsor: Professor Patricia Ewick)

Student Leadership and Programming

106. *Branding and Marketing Student Involvement at Clark.* Zabrina Motwani ’17, LEEP Fellow (sponsor: Timothy St. John)

Theodore H. Barth Foundation

107. *Public Interest law — At Harvard and beyond.* Suaida Firoze ’16, Management Department (sponsor: Professor Barbara Bigelow)


109. *Interning at United States Embassy San Salvador.* Alexander Merriam ’17 – Geography Department (sponsor: Professor Deborah Martin)

110. *International experiencing in financing for metro system in big cities.* Trang Nguyen ’17, Economics Department (sponsor: Career Services)

111. *(RED): Fight Against HIV/AIDS.* Sabina Verghese ’16, International Development and Social Change (IDSC) Department (sponsor: Professor Anita Fabos)

112. *The Effect of Extent and Intensity of Land Use on the Ecosystem Service of Native Bee Populations to Agricultural Systems.* Rose Watts ’17, LEEP Fellow, Environmental Science Department (sponsor: Professor John Baker)
HONOR SOCIETIES

2015-2016 Members of Fiat Lux
Hannah Camiel
Alexandra Cohen
Devra Goldstein
Jacob Hartman
Haley Hennebury
Kayla Landis
Daniella Levine
Clara O’Rourke
Gabrielle Paolini
Renee Robichaud
Gabrielle Seligman
Sanika Shah
Arjuna Shenoy
Chelsea Viteri
Ying Ge Wang

2015-2016 Members of Gryphon and Pleiades
Julia Carrasquel Marquez
Timothy Conley
Jacob Dinerman
Rahul Dutt
Devra Goldstein
Corey Gomes
Connor Guerin
Kayla Landis
Gabrielle Paolini
Meghan Reilly
Hannah Silverfine
Farah Weannara

Phi Beta Kappa Prize
Marisa Natale

UNIVERSITY AWARDS

Thomas M. Dolan ’62
Outstanding Service Award
Meghan Reilly
Jacob Simmons

The Marshall Geer McKim Memorial Fund
Caleb Encarnacion-Rivera
Megan Tighe
Tess Reichart

Hervey Ross ’50, L.H.D. ’07 LEEP Oratorical Contest
1st Place: Gabrielle Seligman
2nd Place: Jules Ochoa
3rd Place: Themal Ellawala

The Thomas Wisniewski Undergraduate Award
Jheanell Lumsden

DEPARTMENTAL AWARDS

Biology
M. Margaret Comer Memorial Award for Undergraduate Studies in the Biological Sciences
Elizabeth Nelson

David Potter Prize for Excellence in Biology
Sam Kavaka

Chemical Rubber Company Press Freshman Chemistry Achievement Award
Mitchell Dumke
Courtney Pharr
Siqi Yuan

Organic Chemistry Prize
Antony Gruness
Alistar Richardson

American Chemical Society Undergraduate Award in Analytical Chemistry
Devon Fontaine

Wen-Yang Wen Award for Excellence in Chemistry
David Powers
Economics
David R. Porter ’35
Prize for Excellence in Economics
Doga Bilgin
The Roger Van Tassel Book Prize
Tehreen Cheema
Gemma Wilkins

English
Leroy Allston Ames Essay Contest
1st Place: Aubrey Haskell
2nd Place: Michell Perry
William H. Carter, Jr. Prize in English
Samantha Wallace
Loring Holmes and Ruth Dodd Drama Contest
2nd Place: Laura Barker
3rd Place: Chloe Anderson
Prentiss Cheney Hoyt Poetry Contest
1st Place: Jessica Hoops
Betty ’79 and Stanley Sultan Short Story Contest
1st Place: Madhubanti Anashua
2nd Place: Laura Barker
3rd Place: Sarah Wells

Geography
Peter Condakes Research Fellowship
Yuka Fuchino
Dale Watt
Strabo Award
Eric Pasay

History
H. Donaldson Jordan Prize
Marissa Natale

International Development, Community, and Environment
Theodore Von Laue Undergraduate Prize in International Development
Devra Goldstein

Philosophy
Logic Prize in Philosophy
Seamus O’Connor

Physics
Roy S. Andersen ’43 Award
Milky Abajorga

Political Science
Morris H. Cohen Prize
Lauren Howard
Irving and Edith Wilner Prize
Kallie McLoughlin
Lauren Meininger

Premedical / Predental Program
Dr. Kenneth A. Senter ’43 Award
Shivani Patel
Kayli Schulz
Ying Ge Wang

Visual and Performing Arts
Jason Michael Simpkins
Memorial Endowment for Screen Studies
Skyla Choi
Carlos Deschamps
Patricia M. Plamondon Undergraduate Award in Visual and Performing Arts
Moises Duron

STUDENT SUMMER RESEARCH AND INTERNSHIP AWARDS

Chandler Bailey Internship in Economics
Doga Bilgin
Theodore H. Barth Foundation Summer Internship Award
Suaida Firoze
Desponia Lioliou
Alexander Merriam
Trang Nguyen
James Patin

Lise Anne and Leo E. Beavers II Fellowship
Amanda Fragata
Christie Joyce
Hung Pham
Kristi Sarro
Tina Thao Vo
Arthur and Rochelle Belfer Fund for Scholars of Holocaust Studies
Marisa Natale

James ’39 and Ada Bickman Summer Science Research Internship
Nizar Naithlo
Shivani Patel

Sara Bickman Music and Arts Summer Internship Award
Moises Duron
Angeline Kopka
Emma Mitchell
Boa Chung Truong Nguyen
Brian Woos

Albert C. Erickson ’30 Summer Research Award
Logan Bishop-Van Horn
Ayush Joshi

Fulbright Summer Institute
Hannah Kogut

Stanley Geschwind Memorial Summer Internship Award
El Ghali Bouchareb

Lois M.P.A. ’78 and Robert ’49 Green UDSC (Urban Development and Social Change) Summer Internship
Will Heikes
Kevin Louis

The Harrington Public Affairs Fellowship Program for Undergraduates
Ryan Early
Lauren Howard
Michael Pierce
Courtney Thomas

HERO (Human-Environment Regional Observatory) Fellowship
Ali Filipovic
Yuka Fuchino
Eli Goldman
Isabel Miranda
Hannah Rosenblum
Bao Chung Truong Nguyen

Innovation and Entrepreneurship Program U-Reka Honorees
Christopher Dibble
Young Heo
Fernando Pinoargote
Calder Sett

International Studies Stream Summer Research Award
Dea Dodi

Henry J. Leir Summer Research Scholarship
Alexander Wall

Marsh-Mosakowski NOAA (National Oceanic and Atmospheric Administration) National Centers for Coastal Ocean Science Fellows
Saira Khan
Katherine Landesman
Daniela Reyes Saade

Arthur E. Martell and Thomas T. Sugihihara Summer Science Internship Award
Donny Pearson

Maurine H. Milburn Summer Research Fellowship
Lucas LaLima
Max Newman
Greg Schulman
Hui Tan
Ying Ge Wang

PCI Synthesis Chemistry Summer Fellowship
Penelope Farris
Devon Fontaine
Maria Solares Bucaro

Steinbrecher Fellows
Oyet Amarjargal
Moises Duron
Alicja Gancarz
Devra Goldstein
Brittany Klug
Kayla Landis
Julianne Murphy
Sanika Shah
Yitao Shen