

# Luka Negoita – Curriculum Vitae

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## Education:

B.A. in Human Ecology (June 2011)

College of the Atlantic, Bar Harbor, ME

Ph.D. in Biology (May 2018)

Syracuse University, Syracuse, NY (advised by Dr. Jason Fridley)

## Awards and Grants:

- Syracuse University All-University College of Arts and Sciences Doctoral Prize (2018)
- Whitman School of Management Student Entrepreneur of the Year Award (2017)
- NSF Doctoral Dissertation Improvement Grant (DDIG) (2016) **\$16,361**
- Sigma Xi Student Research Showcase, Graduate Division Award (2015) [lnegoita.tumblr.com](http://lnegoita.tumblr.com)
- 6<sup>th</sup> International Biogeography Society Conference, Student Poster Award (2013)
- NSF Graduate Research Fellowship Program Recipient **\$138,000** (2012)
- William H. Drury Jr. Award in Ecology and Natural History (2011)
- NASA Maine Space Grant Consortium (2010) **\$2500**
- Garden Club of America Scholarship in Field Botany (2010) **\$2000**
- Rothschild Student Faculty Collaborative Scholarship (2010) **\$350**
- National Garden Club Federation Scholarship (2010) **\$3500**
- St. Croix District Garden Club Nell Goff Memorial Scholarship (2010) **\$1000**
- Garden Club Federation of Maine Horticulture Scholarship (2010) **\$3000**
- Beinecke Internship Stipend Award (2009) **\$250**
- Nominated for Goldwater Scholarship (2009)
- Craig Greene Memorial Scholarship for excellence in botany (2009) **\$3000**
- Josselyn Botanical Society Summer Meeting scholarship recipient (2008)

## Research Experience/Professional Positions:

**Senior Research Analyst**, SUNY Environmental Science and Forestry (2017-2018)

- Conducting statistical analyses of data from plant-animal interaction studies completed in the Galápagos islands, working with principal investigator Dr. James Gibbs.

**Biostatistician**, Charles Darwin Foundation, Galápagos Verde 2050 (2017)

- Conducting statistical analyses and associated report of figures describing the use of technologies aimed at ecological restoration and sustainable agriculture in the Galápagos islands.

**Research Associate**, College of the Atlantic (2015 to present)

- Conducting research projects in collaboration with undergraduate students and professors at COA, including undergrad research mentoring.

**Field Biologist**, Syracuse University (Summers 2013, and 2015-2017)

# Luka Negoita – Curriculum Vitae

- Sampling vegetation on islands in the Gulf of Maine, USA; surveying soils and flora of islands in Clarks Hill Lake, Georgia (graduate dissertation); conducting experiments testing the role of plant dispersal in old-fields of New York State.
- Sampling old field vegetation along east coast North America, from Georgia to Ontario, USA. Supervised by Andrew Siefert (PhD Candidate)

**Field Biologist**, U.S. Forest Service (Summer 2011)

- Sampling post fire vegetation regeneration on serpentine and non-serpentine soils in Plumas County, California

**Field Biologist**, College of the Atlantic (Summer 2010)

- Ecological survey of Little Duck Island, Maine, and work coordinator and supervisor

**Field Biologist**, Missouri Department of Conservation (Summer 2009)

- Sampling flora for *Missouri Ozark Forest Ecosystem Project*; Supervised by Susan Farrington (Missouri Department of Conservation)

## Peer-reviewed Publications:

**Negoita, L.**, Fridley, J. D., Lomolino, M., Mittelhauser, G., Craine, J., Weiher, E. (2016). Isolation-driven functional assembly of plant communities on islands. – *Ecography* 39: 1066-1077.

**Negoita, L.**, Dickinson, M., Mittelhauser, G., Rajakaruna, N. (2016). A comparative study of the flora and soils of Great Duck and Little Duck Islands, Maine, USA. – *Rhodora* 118: 46-85.

Stern, M., Medeiros, I. D., **Negoita, L.**, and N. Rajakaruna. (2016). Limestone flora of the Simonton Corner Quarry Preserve, Rockport, Maine, USA. – *Rhodora* 118: 206-226.

## Conference Presentations and Technical Reports:

7<sup>th</sup> International Biogeography Society meeting poster (Germany, 2015)

- **Negoita, L.**, Fridley, J. 2015. Testing the role of dispersal on ecosystem function.

6<sup>th</sup> International Biogeography Society meeting poster (Miami, FL, 2013)

- **Negoita, L.**, Fridley, J., Mittelhauser, G., Lomolino, M. 2013. Island Plant Communities: Geographic Isolation and Community Functioning. (publication in review.)

Northeast Natural History Conference Oral Presentation (2012)

- “Herbivory and Soils: A case study of Maine coast island plant communities” Principal investigators: **Negoita, L.**, Dickinson, M., and Rajakaruna, N. (publication in review.)

The Vascular Flora of Little Duck Island, Maine: An Ecological Survey. National Park Service and National Audubon Society Technical Report. **Negoita, L.** 2011.

Northeast Undergraduate Research and Development Symposium Poster (2011)

Northeast Natural History Conference Poster (2011)

- “The Flora of Little Duck Island, Maine” Principal investigators: **Negoita, L.**, Mittelhauser, G., and Rajakaruna, N.

INBRE Maine Biological and Medical Sciences Symposium Poster (2009)

- Laboratory Techniques in Molecular Ecology Short Course: “The Effect of Copper on Gene Regulation in *Fundulus heteroclitus*” Principal investigators: Abolins-Abols, M., Cyr, J., Jenkins, P., Little, N., **Negoita, L.**, Smith, P., Wondimu, Y., Wray, C.

# Luka Negoita – Curriculum Vitae

## Teaching Experience:

### Invited Lecturer

- Biogeography (SUNY ESF, 2017)
- Biogeography (College of the Atlantic, 2015)

### Mentorship Experience

- Teaching assistant for Trees and Shrubs of MDI (College of the Atlantic, 2009-2010)
- Student internship/assistantship in ecology and natural history supervisor (Summers 2013, 2015-2017)
  - Topics included: Plant collection and identification, field note taking, plant sampling methods, soil sampling methods, discussion of ecological literature, guidance through topics in ecology and natural history.
- Field assistant supervisor (Summer 2010)
- College of the Atlantic Botany Club Founding President (2009-2011)
- Mentoring elementary school to graduate level students.
  - Topics included: Plant identification, ethnobotany, mammal tracking, outdoor leadership and expedition skills, outdoor living/survival skills, ecology fieldwork, and *ArcGIS* software.
- Volunteer mentoring at:
  - Vermont Wilderness School
  - Institute for Natural Learning
  - Wild Earth Wilderness School
  - College of the Atlantic Botany Club

## Membership in Professional Societies:

- The International Biogeography Society (2012-current)
- The New York Academy of Sciences (2012-2013)
- Torrey Botanical Society (2012-2014)
- New England Botanical Club (2010-current)
- Josselyn Botanical Society (2008-current)

## References:

### **Nishanta Rajakaruna, PhD**

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### **Doug Frank, PhD**

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### **Jason D. Fridley, PhD (PhD Advisor)**

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### **Linda D. Hartsock**

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