## Luka Negoita – Curriculum Vitae

Syracuse University Biology 107 College Place Syracuse, NY 13244 Ph: (207) 801-8394 Inegoita@syr.edu lukanegoita.weebly.com

#### **Education:**

B.A. in Human Ecology (2011) College of the Atlantic, Bar Harbor, ME Ph.D. in Biology (anticipated 2018) Syracuse University, NY (advised by Dr. Jason Fridley)

#### **Awards and Grants:**

- NSF Doctoral Dissertation Improvement Grant (DDIG) (2016) \$16,361
- Sigma Xi Student Research Showcase, Graduate Division Award (2015) 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:**

**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 (Summer 2013)

• Sampling vegetation on islands in the Gulf of Maine, USA (graduate dissertation)

**Field Biologist,** Syracuse University (Summer 2012)

 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;
- Supervised by Dr. Hugh Safford (US Forest Service) and Dr. Erik Jules (Humboldt State University)

**Collections Assistant**, Dorr Museum of Natural History (2007-2011)

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Herbarium Assistant, College of the Atlantic (2007-2011)

Field Biologist, College of the Atlantic (Summer 2010)

- Ecological survey of Little Duck Island, Maine.
- Field work coordinator and field assistant supervisor

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

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

**Principal Investigator**, Pilot study of *Achillea millefolium* ecotypic differentiation (2008)

### **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. (currently available online)

**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. 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.

# **Teaching Experience:**

#### **Invited Lecturer**

• Biogeography (College of the Atlantic, 2015)

### **Teaching Assistant**

• Trees and Shrubs of MDI (College of the Atlantic, 2009-2010)

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### **Mentor Experience**

- Student internship in ecology and natural history supervisor (Summers 2013, 2015)
  - 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:
  - o Vermont Wilderness School
  - o Institute for Natural Learning
  - Wild Earth Wilderness School
  - o College of the Atlantic Botany Club

# **Membership in Professional Societies:**

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

# Other Skills and Experience:

- Knowledge of northern California, Missouri Ozark, Maine, and eastern US floras
- Extensive fieldwork and plant identification experience
- Computer programming, statistical analysis, and software experience using *Python*, *R*, *ArcGIS*, *Adobe CS*, and basic web development and design.

### **References:**

#### Nishanta Rajakaruna, PhD

Professor of Botany College of the Atlantic 105 Eden Street Bar Harbor, ME 04609 (207) 801-5731

Email: nrajakaruna@gmail.com

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

Associate Professor, Department of Biology Syracuse University 107 College Place Syracuse, NY 13244 (315) 443-3098

Email: <u>fridley@syr.edu</u>

#### Hugh Safford, PhD

Regional Ecologist USDA-Forest Service Pacific Southwest Region 1323 Club Drive Vallejo, CA 94592 (707) 562-8934

 $Email: \underline{hughs afford@fs.fed.us}\\$ 

## **Susan Farrington**

Plant Community Ecologist Missouri Department of Conservation 551 Joe Jones Blvd. West Plains, MO 65775 (417) 255-9561 x 307

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