

Eric Yee
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EDUCATION

Columbia University

Master of Arts in Conservation Biology

Expected May 2016

Department: Ecology, Evolution, and Environmental Biology (E3B)

Advisors: Hilary Callahan, Kevin Griffin

Other Committee Member: Matthew I. Palmer

GPA: 3.50

Stony Brook University

Bachelor of Arts in Environmental Studies

Dec. 2013

Department: The School of Marine and Atmospheric Sciences (SoMAS)

Concentration: Marine Ecology, Terrestrial Ecology

Minors: Biology, Marine Science

GPA: 3.4

RESEARCH EXPERIENCE

Columbia University

Sept. 2014 - Present

Graduate Thesis Research

Co-Advisors: Hilary Callahan, Kevin Griffin

Other Committee Members: Matthew Palmer

- Conducted a study on four pre-established NYC green roofs planted with native species to understand community structure, phenological modification, variation in functional traits over time

Graduate Research

Sept. 2014 - Present

Collaborators: Jessica Gersony, Sarah Bruner, Abigail Gregg, Shahid Naeem

- Observed and characterized differences in thermal, hydrological, and physiological traits of northeastern native plant species grown on NYC experimental green roofs

SUNY - Stony Brook University

Sept. - Dec. 2013

Senior Undergraduate Research Project

Advisor: Dr. Jessica Gurevitch

- Conducted a greenhouse experiment to observe differential growth and drought tolerance between two closely related species with differing photosynthetic pathways

Field & Laboratory Assistant - Peterson Lab Aug. - Dec. 2012
Supervisors: Rebecca Kulp, Brad Furman, Lisa Jackson, Dr. Bradley Peterson
- Assisted in a variety of marine ecology experiments involving river restoration, predator-prey dynamics, marine sediment, and mesocosms in Shinnecock Bay, Long Island

CUNY - College of Staten Island Jun. - Aug. 2013
Field Assistant - Naro-Maciel Lab
Supervisor: Seth Wollney
- Assisted a PhD student in an observational study on Staten Island freshwater turtle population genetics using a capture-mark-recapture method and direct measurements of turtle characters

PUBLICATIONS

Yee, E., Callahan, H., Griffin, K., Palmer, M. I. (*in prep*). Seasonal variation and Extirpation of native plants on NYC green roofs.

Gersony, J., Bruner, S., Gregg, A., **Yee, E., Naeem, S.** (*in prep*). Optimization of green-roof vegetation selection: Implications for thermal and hydrological dynamics in NYC and surrounding eco-region.

Yee, E., Watkins, O., Newoke, I., Garcia, A. (*in prep*). Morphological responses to nitrogen addition between two northeastern nitrogen-fixing and non-fixing tree species.

FUNDING & GRANTS

Columbia University	Sum
<i>Ecology, Evolution, and Environmental Biology Master's Grant</i> (2015)	\$1,500
<i>Earth Institute Travel Grant</i> (2015)	\$750

POSTERS & CONFERENCES

Columbia University
Earth Institute Poster Conference Apr. 2015

ACADEMIC AWARDS & PROGRAMS

SUNY - Stony Brook University
Semester by the Sea Program Aug. - Dec. 2012
- Sent to Stony Brook University's Southampton campus for one semester to participate in specialized Marine Science and Maritime History courses with both laboratory and field components

University Scholars Aug. 2010 - Dec. 2013
- University organization for highly-achieving students

COURSEWORK

- Organisms to Ecosystems Biology
- Cellular & Organ Physiology
- Ecology
- Plant Ecology
- Ecosystem Ecology & the Global Environment
- Oceanography
- Long Island Marine Habitats
- Environmental Problems & Solutions
- Population, Technology, & the Environment
- Contemporary Environmental Issues & Policies
- Ichthyology
- Marine Mammals
- Invertebrate Zoology
- Evolution
- Fundamentals of Ecology & Evolution
- Statistics for Ecology, Evolution, and Environmental Biology
- Ecology of a Warming World
- Herpetology
- Food, Ecology, and Globalization
- Plant Ecophysiology
- Field Botany (Audit)

TEACHING & WORK EXPERIENCE

Columbia University

Graduate School of Arts & Sciences: Faculty Desktop Support

Sept. 2014 - Mar. 2015

Supervisor: Jai A. Kasturi

- Provided information technology support services for professors and administration on the Columbia University Morningside Campus

SUNY - Stony Brook University

Undergraduate Teaching Assistant

Aug. - Dec. 2013

Professor: Roman DeJesus

- MAR 104 - Oceanography
- Assisted in lecture presentations, coordinating group work, grading, and holding office hours
- Led 2-hour out-of-class review sessions before each midterm

Kumon Tutoring Center

Jan. - Jun. 2014

Director: Li Chen-Zhuo

- "Grader" at the Silver Lake Kumon Tutoring Center on Staten Island, NY
- Responsibilities included grading students work, data entry, and one-on-one tutoring with pre-K and under students

LEADERSHIP & SERVICE

Columbia University

Masters of Ecology and Evolution Lunch Discussion

Sept. 2014-Present

- Participated and organized informal group luncheons for E3B's Master students to share administrative news, thesis preparation and analysis, and support

- E3B Graduate Student Race, Gender, and Sexual Misconduct Support* Oct. 2014-Present
- A group designed to create a safe space for E3B graduate students to share and discuss professional discrimination or misconduct without authoritative figures present

SUNY - Stony Brook University

- Stony Brook University LGBT*A* Sept. 2010 – Dec. 2013
- Helped create a safe, welcoming place for students of various gender, sexual, and romantic identities
 - *Event Coordinator* – Spring 2012

- Stony Brook University SAFE Space Training* Dec. 2013 – Present
- Certified to act as a resource for LGBTQ* members in confidence at Stony Brook University
 - o Can provide counseling as a non-judgmental, non-partisan party, as well as suggest and direct others towards LGBTQ* resources

SKILLS

- Ball Mill/Grinder Operation
- R Statistical Software
- Computer Technical Support (Windows, Mac OS)
- Microsoft Office
- Fluent in Cantonese (Conversational)
- Some Proficiency in Mandarin and Russian

REFERENCES

Dr. Hilary Callahan

- Barnard College
- Relationship: Master's Co-Advisor
- Email: hcallaha@barnard.edu
- Phone: 212-854-5405

Dr. Jessica Gurevitch

- Stony Brook University
- Relationship: Undergraduate Mentor, Lecturer
- Email: jessica.gurevitch@stonybrook.edu

Dr. Kevin Griffin

- Columbia University
- Relationship: Master's Co-Advisor
- Email: griff@ldeo.columbia.edu
- Phone: 212-854-7566

Jai A. Kasturi

- Faculty Desktop Support (FDS)
- Relationship: Supervisor
- Email: jak68@columbia.edu
- Phone: 917-710-8716

Dr. Kurt Bretsch

- Stony Brook University
- Relationship: Lecturer
- Email: kurt.bretsch@stonybrook.edu
- Phone: 631-632-5156