

# BENJAMIN BRAY

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## QUALIFICATIONS SUMMARY

- Experience with project management, global travel, and communication of scientific results and data collection
- Knowledge of identification of wetland vegetation species, northern freshwater fish species, and coastal habitat protection
- *Relevant courses include:* Environmental Impact Analysis, Global Health, Environmental Law, Natural Resources Law & Policy, Silviculture, Public Presentation Skills, Writing for Environmental & Science Professionals, Principles of Management, Government & the Environment, and Land Use Law

## EDUCATION

**State University of New York College of Environmental Science and Forestry (SUNY-ESF)** *May 2016*

Bachelor of Science: *Environmental Studies*; concentration in Policy, Planning, and Law

GPA: 3.00 (Dean's List: Fall 2012, 2013)

Awards: SUNY-ESF Presidential Scholarship, Academic Honors Program

## RELATED EXPERIENCE

**Dendrology, SUNY-ESF** *September 2015-Present*

*Undergraduate Teaching Assistant*

- Teach undergraduates key identification characteristics and taxonomic relationships of tree species in North America
- Assist faculty member with classroom instruction, exams, record keeping, and other miscellaneous projects
- Return assignments and grades in accordance with established deadlines and correspond with students via email

**Environmental Impact Analysis, SUNY-ESF** *January-May 2015*

*Student Participant*

- Identified key stages of, and participants in, the three alternative assessment tracks used in EIA under the federal NEPA, and the NY State Environmental Quality Review Act
- Demonstrated understanding of the EIA process by analyzing the Cuyahoga Valley National Park Final White-tailed Deer Management Plan and Environmental Impact Statement
- Performed the NY State Environmental Quality Review Act (SEQRA) process on a local parcel of land and hypothesized what the SEQRA declaration would be if a chemical lab was placed on a parcel of private land adjacent to a residential area

**Long Island Aquarium & Exhibition Center, Riverhead, NY** *May-September 2014*

*Education Intern and Data Collection Assistant*

- Assisted and informed groups of approximately twenty individuals on various aquarium exhibits and animals
- Presented on the Atlantis Explorer Tour Boat on Peconic River ecology and the importance of protecting the local habitat
- Collected weather data, water quality, and species sightings along the Peconic River approximately two to three times per day to help understand water quality and effects of our environment on the ecosystem
- Demonstrated to groups how to properly use sein nets and identified key species that were caught in the nets

## LEADERSHIP, VOLUNTEER EXPERIENCE, AND CAMPUS INVOLVEMENT

**Alpha Xi Sigma (AXS) Honors Society** *January 2015-Present*

Active Member

- Participated in leadership and service trip to the Adirondacks where AXS members helped to clear trailheads after the harsh winter
- Organized and led a Dance Marathon team which helped to raise \$1,200 towards the local Children's Miracle Network Hospital and the Upstate Golsiano Children's Hospital

**Office of Admissions** *September 2014-Present*

Student Ambassador

- Host prospective students and families and lead tours at on-campus events, such as Open Houses, Accepted Student Receptions, College Information Sessions, Transfer Days, and Special Group Visits

**Syracuse University Outing Club** *August 2013-Present*

Active Member

**Emerging Leaders Workshop** *August 2013-December 2013*

Participant

- Participated in intensive developmental workshops such as identity awareness, conflict resolution, and communication to develop and enhance leadership skills

**Campus Day of Service** *August 2013*

Student Participant

- Improved land quality by removing invasive species and cutting down overgrown areas to allow for native species to thrive