

LESLEY BROWN GORDON
Bowdoin College, Department of Biology
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EDUCATION

- University of Maryland** College Park, Maryland
Master of Science, Sustainable Development and Conservation Biology 2004
GPA: 4.0; Teaching Assistantship full support
- University of Miami** Miami, Florida
Bachelor of Science, Cum Laude, Honors College, Biology and Marine Science 2001
GPA: 3.77; Bowman Ashe Merit Scholarship, four years three-quarters tuition scholarship;
James Cook University, Australia, marine biology exchange program, Fall 2001

PROFESSIONAL EXPERIENCE

- Bowdoin College** Brunswick, Maine
Phocas Fellowship for Coastal Studies Research Summer 2007
Utilize field and laboratory experiments to investigate whether larval chemical defenses facilitate the invasion of exotic marine species
- Biology Department Laboratory Instructor* July 2005-present
Design, prepare, and conduct the field and research laboratories for two undergraduate biology major courses: "Biology of Marine Organisms" and "Evolution"
- Smithsonian Environmental Research Center** Edgewater, Maryland
Biological Technician Summer 2005
Performed fieldwork in support of multiple long-term estuarine ecological research projects; carried out pilot study on predator-mediated spine growth of the Blue Crab
- Environmental Protection Agency** Ft. Meade, Maryland
Environmental Scientist, Perot Systems Government Services October 2004-July 2005
Authored and designed publication on seasonal pool ecology and management (92 pp.); organized a seasonal pool workshop involving public, private, and governmental agencies; prepared literature communicating results of research funded by "Science To Achieve Results" grants
- EPA Student Conservation Biologist* March-October 2004
Researched hydrology, wetland ecology, and amphibian conservation biology in preparation for seasonal pools publication; created classification systems for pools; developed management guidelines
- University of Maryland** College Park, Maryland
Teaching Assistant 2002-2004
Assistant Instructor, Sustainable Development and Conservation Biology Graduate Program Capstone Course; Laboratory Instructor, Plant Biology and Principles of Biology; Discussion Instructor, Environmental Science

VOLUNTEER ACTIVITIES

- Bowdoin College** Brunswick, Maine
Commute Another Way Subcommittee 2007-present
Facilitate alternative methods of commuting (e.g., carpooling, biking, walking) for Bowdoin College employees, thereby reducing the carbon footprint of the College
- Maine Audubon Society** Falmouth, Maine
Maine Amphibian Monitoring Program Volunteer 2006-present
Survey anuran calling for long-term monitoring effort
- National Park Service, Cape Cod National Seashore** Truro, Massachusetts
Amphibian Research and Monitoring Volunteer Spring 2006
Conducted amphibian surveys, including radio telemetry

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Smithsonian National Zoological Park

Volunteer Interpreter, Reptile Discovery Center

Washington, DC

2004-2005

LakeNet

University of Maryland Problem Solving Team

Annapolis, Maryland

Fall 2003

Investigated solutions for eutrophication in developing nations, including constructed wetlands; designed nutrient management plans for priority lakes in Kenya and India

RECENT PUBLICATIONS AND PRESENTATIONS

Brown, L.J. and R.E. Jung. 2005. An Introduction to Mid-Atlantic Seasonal Pools, EPA/903/B-05/001. U.S. Environmental Protection Agency, Mid-Atlantic Integrated Assessment, Ft. Meade, Maryland, 92 pages. Available: <http://www.epa.gov/maia>

Brown, L., R. Jung, T. Schneider, R. Landy, W. Davis, and P. Bradley. 2005. Seasonal Pools in the Mid-Atlantic Region: Building a Framework for Conservation. Poster Presentation. EPA Science Forum. (*earned Third Place Award*) Available: <http://www.epa.gov/maia/html/posters.html>

Brown, L.J. and L. Agudelo. 2004. Fighting Eutrophication in Developing Nations: Combining Wastewater Treatment with Low-Phosphate Detergents. Poster Presentation. National Council for Science and the Environment, Washington, D.C.

Agudelo, L.K., **Brown, L.J.**, and W. Varettoni. 2004. Practical Attenuation of Eutrophication in Developing Nations: Decentralized Wastewater Treatment, Detergent Composition and Agricultural Best Management. Poster Presentation. Society for Conservation Biology Annual Meeting.