

**Andrea J. Ednie**

23 Kimball Hall  
Department of Recreation and Tourism Management  
University of Maine at Machias  
Machias, ME 04654  
Ph: (207) 255-1303  
E-mail: aednie@maine.edu

EDUCATION

Ph.D., 2007

School of Forest Resources, University of Maine, Orono, ME

Parks, Recreation and Tourism Program

Dissertation: "The Construction of Sense of Place on the Maine Coast"

Advisor: Dr. John J. Daigle

M.A., 2004

Faculty of Kinesiology, University of New Brunswick, Fredericton, NB

Recreation and Natural Resources

Thesis: "The Effects of Theory-Based Messages as a Backcountry Management Tool"

Advisor: Dr. Cynthia Stacey

B.A. Kinesiology, 2001

Faculty of Kinesiology, University of New Brunswick, Fredericton, NB

TEACHING EXPERIENCE

**9/07- Present** *Assistant Professor, Environmental Recreation and Tourism Management,  
University of Maine, Machias*

Teach environmental recreation and sustainable tourism- related courses to undergraduate students. Service work includes working with local organizations regarding recreation management in protected areas, interpretive programming, minimal impact recreation planning and trail design, and sustainable tourism. Research focuses on the relationship between recreational visitors and natural resources.

**8/09- 11/09** *Adjunct Instructor, Adventure Recreation Program, Washington County  
Community College, Calais*

Taught the Introduction to Sea Kayaking course and guided students on a 5-day expedition as part of their leadership and programming training.

**9/06- 5/07**     *Teaching Assistant - Parks, Recreation and Tourism, University of Maine, Orono*  
Worked as a full time teaching assistant for two courses per term, as well as the general teaching assistant for the Parks, Recreation, and Tourism department. Responsibilities included planning and facilitating class sessions, contacting and arranging guest lectures, facilitating laboratory sessions, and bringing students on a variety of course-related outings.

**9/05- 12/05**     *Instructor - Hospitality & Tourism, New Brunswick Community College*  
Developed and taught two courses in the Adventure Recreation concentration. Course content included history and philosophy of outdoor recreation, and environmental impacts of backcountry visitors.

**1/05- 5/05**     *Instructor - Faculty of Kinesiology, University of New Brunswick*  
Instructed a theory course and a technical-skills course in the Outdoor Recreation minor in Fredericton, New Brunswick. Courses encompassed lecture components, student-led seminars, and winter expeditions.

**9/04- 12/04**     *Teaching Assistant - Faculty of Kinesiology, University of New Brunswick*  
Planned and conducted lectures and ran a section of an Outdoor Recreation course. The course included a three-day hiking expedition on Grand Manan Island.

**9/00- 12/05**     *Contract Instructor - Hospitality & Tourism, New Brunswick Community College*  
Planned, prepared, and ran expeditions for the adventure recreation department. Trips included the five-day hiking expeditions on the Fundy Footpath, winter camping at Fundy National Park, and sea kayak expeditions in the West Isles region of the Bay of Fundy.

#### Courses Taught

##### **University of Maine at Machias, Machias, ME**

9/09- Present   Recreation & Wilderness Resources (Instructor)  
9/09- Present   Visitor Management in Conservation Areas (Instructor)  
1/09- Present   Introduction to Geography (Instructor)  
1/08- Present   Recreation Behavior and the Environment (Instructor)  
1/08- Present   Research Topics in Sustainable Tourism (Instructor)  
1/08- Present   Recreation Program Planning (Instructor)  
9/07- Present   Outdoor Recreation I & II (Instructor)  
9/07- Present   Introduction to Sustainable Tourism (Instructor)  
9/07- Present   Leadership & Group Dynamics (Instructor)  
9/07- Present   Recreation Computer Applications (Instructor)

##### *Additional Courses Developed*

Forest Interpretation (to be taught summer 2010)  
Backcountry Expedition Skills: Hiking (to be taught Spring 2010)

##### **Washington County Community College, Calais, ME**

8/09- Present   Introduction to Sea Kayaking (Instructor)

**University of Maine, Orono, ME**

1/07- 5/07 Sustainable Tourism (Teaching Assistant)  
1/06- 5/07 Senior Seminar (Teaching Assistant)  
1/07- 5/07 Research Methods (Teaching Assistant)  
9/05- 12/06 Readings in Outdoor Recreation (Teaching Assistant)  
9/05- 12/06 Environmental Interpretation (Teaching Assistant)

**University of New Brunswick, Fredericton, NB**

1/05- 5/05 Outdoor Recreation (Instructor)  
1/05- 5/05 Winter Outdoor Recreation (Instructor)  
9/04- 12/04 Outdoor Recreation (Teaching Assistant)

**New Brunswick Community College, St. Andrews, NB**

9/05- 12/05 Adventure Education (Instructor)  
9/05- 12/05 Outdoor Leadership (Instructor)

Teaching Development

Maine GIS Educators Conference, USM, 2009  
Fostering Significant Learning Experiences Workshop, UMO, 2006  
Civility in the Classroom Workshop, UMO, 2006  
Making Education Accessible to All Students Including Those with Disabilities, UMO, 2006  
Ethics in the Classroom, UMO, 2006  
Career Planning for Graduate Students and Teaching Assistants, UMO, 2005  
Teachers Assistant Training, UMO, 2005

PROFESSIONAL EXPERIENCE

**5/06- 9/06** *Island Steward - Maine Island Trail Association, Portland, ME*

Monitored twenty four islands in the Stonington region of Maine. Responsibilities included estimating use on the islands, and conducting campsite condition-class assessments. Visitor education sessions of Leave No Trace recommendations were completed with both commercial and private recreational groups.

**5/96- 10/04** *Sea Kayak Lead Guide - Seascape Kayak Tours, Deer Island, NB*

Guided paddlers on one-day to ten-day sea kayak expeditions, mainly based from Deer Island, N.B., but also in Newfoundland, Canada, and the Gulf of Nicoya, Costa Rica. Responsibilities as lead guide included instructing, navigating, customer relations, trip preparations, cooking, organizing bookings, paddling skills, and staff training as well as evaluation. Tours were interpretive thus educating paddlers in the local history, ecology and wildlife habitat. Responsibilities also included instructing Wilderness First Aid and Sea Kayak Safety courses, where wilderness rescue skills were taught during sea kayak expeditions.

**4/01- 11/01** *Instructor - Outward Bound Wilderness School, Sturgeon, ON*

Instructed month-long and week-long expeditions aimed to promote self-reliance, care and respect for other, responsibility to the community and concern for the environment. Week-long

expeditions were high school-credited courses where curricula focused on building leadership skills through challenges such as canoeing, river kayaking, rock-climbing, and ropes initiatives.

**1/99- 12/01** *Facilitator - NB Adventure Leadership Training Program*, Fredericton, NB  
Contract work involving co-facilitating three-day Adventure Leadership Training courses. Program included instruction on risk management, interpretation, leadership, emergency procedures, and outdoor skills.

#### Certifications

Registered Maine Sea Kayak Guide, Augusta, ME, 2009

Wilderness First Responder, SOLO, Conway, NH, 1996-current

Interpreter – Forest Ecosystems for Conservation, Humboldt Field Research Institute, ME, 2008

Leave No Trace Master Educator, Wiscasset, ME, 2007

Wilderness Emergency Medical Technician, SOLO, Conway, NH, 2003

Project Learning Tree Training, Orono, ME, 2006

Project Wild Training, Orono, ME, 2005

“Leave No Trace” Training, Orono, ME, 2005

Outward Bound Professional Development Program Trainer, Sturgeon, ON, 2001

#### RESEARCH EXPERIENCE

##### **9/07-present** *Assistant Professor, UMM*

Current research program focuses on visitor interactions with landscapes, the environmental impact of outdoor recreation, and sustainable tourism planning. My most recent studies include a survey into nature tourism expectations, the development of a recreation impact monitoring system for the Maine Island Trail, a motif analysis into visitor perceptions of the Maine coast based on trade magazines, and a visitor survey regarding attitudes toward forest management for wildlife habitat at a local wildlife refuge.

##### **9/05- 5/07** *Graduate Research Assistant, UMO*

Completed a visitor survey and re-calibrated a campsite monitoring system in the Stonington region islands of Maine. The survey examined travel patterns, preferences, and perceptions of the Maine island visitor experience. The campsite system utilized photography, GPS units, on-the-ground measurements, and qualitative verbal techniques.

##### **1/06- 5/06** *Graduate Research Assistant, UMO*

Conducted focus groups in northern Minnesota to explore small forest landowners' attitudes toward forest certification. This research identified barriers keeping individuals from certifying their land, and served to inform a state-wide educational outreach program.

##### **9/04- 2/05** *Graduate Research Assistant, UNB*

Conducted interviews across New Brunswick to learn how community members were embracing new physical activity programs funded by the provincial government. The report highlighted effective strategies and barriers for promoting participation in outdoor activity initiatives.

**12/02- 5/04** *Graduate Research Assistant, UNB*

Completed a survey that evaluated the potential effect of theory-based messages as a backcountry management tool. This research was geared toward informing managers of possible approaches for improving visitor compliance with indirect management applications.

**10/04- 4/05** *Interviewer, Statistics Canada*

Organized and conducted interviews for various national surveys for the Canadian government. Research responsibilities included data entry and initial data analysis.

Grant Writing Experience

- 2009** *Maine Center for Tourism Research and Outreach*  
Ednie, A.J., Athearn, K., Eckart, W.  
Visitor Survey - Visitor Expectations and Knowledge of Nature Tourism Opportunities in Washington County, Maine, awarded \$12,500.
- 2008** *Department of the Interior*  
Weik, A., Ednie, A.J., Daigle, J.J.  
Visitor Survey – Attitudes toward Forest Management for Wildlife Habitat, awarded \$20,000.
- 2007** *U.S. Fish & Wildlife Service, Webless Migratory Game Bird Research Program*  
Ednie, A.J., Daigle, J.J., Weik, A.  
Visitor Survey – Attitudes toward Forest Management for Wildlife Habitat, requested \$7000.
- 2006** *Maine Island Trail Association*  
Daigle, J.J., Ednie, A.J., Spencer, S.  
Visitor Survey – Place attachment and visitor expectations in the Stonington Region of the Maine Islands, awarded \$7700.
- 2006** *Northeastern States Research Cooperative (NSRC)*  
Daigle, J.J., Leahy, J., Ednie, A.J.  
Predicting Land Use Change: A Social Science Model, requested \$80,000.
- 2006** *Maine Outdoor Heritage Fund*  
Daigle, J.J., Ednie, A.J., Spencer, S., Mention, D.  
2006 Maine Island Trail User Survey, requested \$42,000.
- 2005** *Acadia National Park*  
Kim, M.K., Ednie, A.J., Daigle, J.J.  
Detecting Vegetation Change on Cadillac Mountain, Acadia National Park, requested \$5000.

### Reports and Publications

Ednie, A.J., Daigle, J.J., Leahy, J.E. The development of recreation place attachment on the Maine coast: reasons for visiting and user characteristics. Accepted for Journal of Park and Recreation Administration.

Ednie, A.J., & Daigle, J.J. (2007). *Maine coastal islands visitor survey 2006, Deer Isle / Stonington region* (Miscellaneous Report 443). Orono, ME: Maine Agriculture and Forest Experimental Station.

Ednie, A.J., Daigle, J.J. The construction of sense of place: a qualitative analysis of landscape meanings among users of the Stonington region islands, Maine. In review for Environmental Psychology.

Ednie, A.J., Daigle, J.J. User compatibility and sense of place in a multiple use landscape. In preparation for Environmental Management.

Ednie, A.J., Daigle, J.J. Developing a tool for monitoring visitor impacts on coastal islands. In preparation for Journal of Coastal Research.

Ednie, A.J., Stacey, C.L. What's in a message? The effect of theory-based messages as a backcountry management tool. Submitted, revised, and in preparation for resubmission to Natural Resources Forum.

Ednie, A.J., Daigle, J.J. 2007. The construction of sense of place on the Maine coast. 2007 North Eastern Recreation Research Symposium Proceedings.

Ednie, A.J., Leahy, J. 2006. Forest certification for northern Minnesota's family forest landowners: knowledge, interest, and preferences for education. 2006 North Eastern Recreation Research Symposium Proceedings.

Kim, M.K., Ednie, A.J., Daigle, J.J. 2006. Detecting vegetation change using multi-temporal aerial photographs at Cadillac Mountain in Acadia National Park, Maine. 2006 North Eastern Recreation Research Symposium Proceedings.

Ednie, A.J., Stacey, C.L., Cleave, S. (2005). A cross-case comparison of GO NB community physical activity initiatives. Report to Sport New Brunswick, Fredericton, NB.

Rand, L., Ednie, A., Lalonde, E., Tomsons, V., Lu, D., Jeffrey, C., & Williams, E. (2003). Building bridges: a report for Fredericton's "Move This Way" active living initiative. Report to the City of Fredericton, Fredericton, NB.

### Academic Conference Presentations

Ednie, A.J., Mitchell, A., Daigle, J.J., Moreira, J. 2008. "Visitor expectations and the projected image of the Maine coast." Oral Presentation, Northeastern Recreation Research Symposium. Bolton Landing, New York.

Ednie, A.J., Daigle, J.J. 2007. "The construction of sense of place on the Maine coast." Oral Presentation, Northeastern Recreation Research Symposium. Bolton Landing, New York.

Monz, C., Schuster, R., Daigle, J., and Ednie, A. 2007. "Recreation Ecology in the Northeast: Past Research and Future Projects." Poster Presentation, Northeastern Recreation Research Symposium. Bolton Landing, New York.

Ednie, A.J., and Leahy, J. 2006. "Forest certification for northern Minnesota's family forest landowners: knowledge, interest, and preferences for education." Oral Presentation. Northeastern Recreation Research Symposium. Bolton Landing, New York.

Kim, M.K., Ednie, A.J., and Daigle, J.J. 2006. "Detecting vegetation change using multi-temporal aerial photographs at Cadillac Mountain in Acadia National Park, Maine." Oral Presentation. Northeastern Recreation Research Symposium. Bolton Landing, New York.

Kim, M.K., Ednie, A.J., and Daigle, J.J. 2006. Vegetation change using multi-temporal remote sensing technology at Acadia National Park, Maine. International Symposium for Society and Resource Management. Vancouver, British Columbia.

Ednie, A.J., Stacey, C.L. 2004. "Managing wilderness recreation users. Is it a matter of morals?" Oral presentation. Moncton 2004 CAG Annual Meeting.

## RECENT SERVICE EXPERIENCE

Maine Island Trail Association – island monitoring, 2006-present

Moosehorn National Wildlife Refuge – designing interpretive panels, 2007-present

Maine Leave No Trace Steering Committee, 2007-present

Leave No Trace Trainers Instructor for camp groups, 2008-present

Maine Center for Tourism Research and Outreach Fellow, 2008-present

Stewardship Committee, Great Auk Land Trust, 2008-present

UMM Outing Club Co-supervisor, 2008-present

Society & Natural Resources journal reviewer, 2008-present

UMM First Year Experience Development Committee, 2007-present

UMM Academic Affairs Standing Committee, 2008-present

UMM Green Campus Steering Committee, 2009-present

Maine Seacoast Mission – sense of place programs for youth, 2008

Searches, Education Faculty (2), Associate Director of Student Life (Chair), 2008-09

First Year Experience Planning Committee, 2008-09

Bachelor of College Studies Advisory Committee, 2009

Peer Evaluation Committees (5, Chair for 2), 2007-09

## PROFESSIONAL MEMBERSHIPS / SOCIETIES

National Recreation and Park Association  
Association of Experiential Educators  
Maine Island Trail Association  
Canadian Association of Geographers  
Conservation Council of New Brunswick  
Nature Trust of New Brunswick