

R. DEAN HARDY, M.S.

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Department of Anthropology
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EDUCATION

2010 – present	University of Georgia <i>PhD track</i> , Integrative Conservation & Anthropology GIScience Certificate Program Advisor: Dr. J. Peter Brosius	Athens, GA
2007 – 2009	University of Georgia <i>Master of Science</i> , Ecology Advisor: Laurie Fowler, JD, LL.M GPA 3.9/4.0	Athens, GA
1998 – 2003	University of Georgia <i>Bachelor of Science</i> , Ecology, Biology, & Marine Sciences Advisors: Dr. Merryl Alber & Dr. William Fitt <i>Minor</i> , Anthropology GPA 3.7/4.0	Athens, GA

RESEARCH INTERESTS

conservation, environmental anthropology, ecology, remote sensing, political ecology, landscape ecology, eco-certification, climate change

AWARDS

2012	Rainforest Alliance Travel Award, \$4,000
2012	Robert E. Rhoades Pre-Dissertation Travel Award, \$1,000
2011	Latin American & Caribbean Studies Institute Graduate Field Research Award, \$1,300
2011	NASA-MSU Professional Enhancement Award, \$600
2011	NSF Graduate Research Fellowship <i>Honorable Mention</i>
2009	Graduate Student Symposium 2 nd Best Master's Presentation
2007	NSF Graduate Research Fellowship <i>Honorable Mention</i>
2007	Americorps Scholarship
2001	NSF Research Experience for Undergraduates

PUBLICATIONS

2009	Hardy, D. and L. Fowler. Closing the Gap: Connecting Science with Policy to Motivate Private Land Conservation. In: Carroll, G. D. (ed.) <i>Proceedings of the 2009 Georgia Water Resources Conference</i> , pp. 82-88, University of Georgia, Athens, GA.
2005	Emanuel B.N., R.D. Hardy , R.A. Milligan, and B.L. Nuse. Ecological Surveys of Four River Corridors in Georgia. In: Hatcher, K. J. (Ed.) <i>Proceedings of the 2005 Georgia Water Resources Conference</i> , pp. 812-815, University of Georgia, Athens, GA.

PRESENTATIONS & POSTERS

2011	Hardy, R.D. and T. Carter. Planning for sea level rise in coastal Georgia: How grain size affects forecasted impacts on barrier islands. <i>US Regional Association of the International Association of Landscape Ecologists 26th Annual Symposium</i> . April 3-7, Portland, OR. (presentation)
2010	Allen, H.B., T. Carter, and D. Hardy . Effective planning for Sea-level rise in Coastal Georgia with diverse and novel visualization methods. <i>US Regional Association of the International Association of Landscape Ecologists 25th Annual Symposium</i> . Athens, GA. (presentation)

- 2009 **Hardy, D.** Working to Close the Research-Implementation Gap: A Conservation Assessment of the Upper Oconee Subbasin in Georgia, USA to Identify Parcels for Easement Recruitment. *Master's Thesis Defense*. May 11. Odum School of Ecology, University of Georgia. Athens, GA. (presentation)
- 2009 Emanuel B.N., **D. Hardy**, and B.L. Nuse. Georgia River Survey: Then and now. *American Water Resources Association Student Chapter*. University of Georgia. Athens, GA. (presentation)
- 2009 Carter, T. and **D. Hardy**. Planning for Sea Level Rise in Coastal Georgia with Visualization, Mitigation, and Outreach. *US Regional Association of the International Association of Landscape Ecologists 24th Annual Symposium*. Snowbird, UT. (presentation)
- 2009 **Hardy, D.** and L. Fowler. Closing the Gap: Connecting Science with Policy to Motivate Private Lands Conservation. *Proceedings of the 2009 Georgia Water Resources Conference*, University of Georgia, Athens, GA. (presentation)
- 2009 **Hardy, D.** and L. Fowler. Closing the Gap: Connecting Scientific Research and Conservation Practice for Private Lands Conservation. *15th annual Graduate Student Symposium*. Odum School of Ecology. University of Georgia, Athens, GA. (presentation)
- 2008 **Hardy, D.** Motivating Private Land Conservation for Resource Protection in the Upper Oconee Watershed. *14th annual Graduate Student Symposium*. Odum School of Ecology. University of Georgia, Athens, GA. (presentation)
- 2007 Reynolds A. and **D. Hardy**. Impervious Surfaces: An Indicator of Watershed Health. *ESRI User Conference*, San Diego. (poster)

REPORTS

- 2008 **Hardy, D.** Motivating Private Landowner Conservation to Maximize Ecosystem Services. Report to the Georgia Forestry Commission, Urban and Community Forestry Program.

POPULAR MEDIA

- 2006 **Hardy, D.** Mountaintop Removal: A visit to the former hills of eastern Kentucky. 19 July. *Flagpole Magazine*. Athens, GA.

TEACHING EXPERIENCE

Teaching Assistant – UGA, Department of Anthropology

- 2012 Spring Anth 3200 – Consumption & Globalization
2011 Fall Anth 1102 – Introductory Anthropology

Head Teaching Assistant, Ecol 3500L – UGA, Odum School of Ecology

- 2007 Fall. I led coordination of four TAs to plan 14 weekly lab sections of Introductory Ecology for the Major.

INVITED GUEST LECTURES

- 2011 Fall Introductory Anthropology, UGA, Athens, GA
2010 Fall Landscape Ecology, Warnell School of Forestry & Natural Resources. UGA, Athens, GA.
2009 Fall Landscape Ecology, Warnell School of Forestry & Natural Resources. UGA, Athens, GA.
2008 Fall Landscape Ecology, Warnell School of Forestry & Natural Resources. UGA, Athens, GA.

PROFESSIONAL SERVICE

- 2012 *President*, Anthropology Graduate Student Organization
2008 – *current* *Ex Officio Board Member*, Georgia Chapter of the Society for Conservation Biology
2011/12 *President*, Georgia Chapter of the Society for Conservation Biology

INSTITUTIONAL SERVICE

- 2009 *Graduate Representative*, Ecology Spring Fling Planning Committee

2009 Co-chair, 15th Graduate Student Symposium, Ecology, UGA
 2008 – 2009 Graduate Representative, Undergraduate Program Committee, Ecology, UGA
 2007 – 2009 Recycling Coordinator, Ecology, UGA
 2008 A/V Technician, 14th Graduate Student Symposium, Ecology, UGA

RESEARCH EXPERIENCE

Graduate Research Assistant – UGA, Odum School of Ecology, River Basin Center

2008 – 2011. I conduct research on modeling sea-level rise for coastal Georgia using SLAMM, and assist with visualization and dissemination of materials to coastal stakeholders.

Master's Thesis – UGA, Odum School of Ecology

2007 – 2009. Thesis Title: *Working to Close the Research – Implementation Gap: A Conservation Assessment of the Upper Oconee Subbasin in Georgia, USA to Identify Parcels for Easement Recruitment*. Using existing scientific data and governmental policy, I developed an evaluative scoring method in a GIS database for assessing conservation value of private land. My research facilitated the development of proactive conservation easement recruitment campaigns for two land trusts by identifying private landowners with high value conservation land.

Research Technician – US EPA, Ecosystems Research Division

2004 – 2006. I assisted with isotope-labeled nutrient releases and analyses in two studies assessing the impact on microbial processes from 1) urban run-off, and 2) mountain-top removal mining.

Research Coordinator – Georgia River Survey, Independent Citizen Science Project

2003 – 2006. I collaborated with three colleagues to develop methodology, sampling protocols, and field gear for avian and vegetation surveys of multiple of Georgia's rivers. www.georgiariversurvey.org

Research Technician – UGA, Department of Health Sciences

2004 Winter/Spring. I assisted with a study examining the long-term health effects and microparticulate distribution patterns from USFS prescribed fires. As part of an on-call team of technicians, we deployed instruments for monitoring and capturing these airborne microparticulates.

Undergraduate Thesis – UGA, Department of Marine Sciences

2002 – 2003. Thesis Title: *Mycosporine-like Amino Acid Synthesis by Different Clades of the Genus Symbiodinium sp. in hospite Cassiopea xamachana*. My research focused on inoculating *Cassiopea* polyps with four clades of *Symbiodinium*, and measuring production of MAAs by these zooxanthellae.

PROFESSIONAL AFFILIATIONS

since 2010 American Anthropological Association, *Member*
 since 2010 American Society for Photogrammetry and Remote Sensing, *Member*
 since 2010 U.S. International Association of Landscape Ecologists, *Member*
 since 2009 Society for Conservation Biology, Georgia Chapter, *Board Member*
 since 2008 Society for Conservation Biology, Global, *Member*

PROFESSIONAL TRAINING

2010 October CanVis Virtual Workshop, NOAA Coastal Services Center
 2008 March Wilderness First Responder, Wilderness Medical Associates
 2006 May Creating, Editing, & Managing Geodatabases, ESRI Virtual Campus
 2006 January Learning ArcGIS, ESRI Virtual Campus
 2006 March First Aid/CPR, American Heart Association
 2005 March First Aid/CPR, Red Cross
 2005 October Get the Dirt Out, Georgia River Network
 1999 July Open Water Diver, WASE/NASE

PROFESSIONAL EXPERIENCE

2008 – 2011 Summer Station Manager, Lovett School, Reserva Siempre Verde, Ecuador
 2010 – 5 mo. Program Coordinator, Kasiisi Project NGO, Uganda
 2007 – 6 mo. GIS Technician Intern, Chattahoochee River National Recreation Area, US NPS
 1999 – 2000 Laboratory Analyst, City of Douglas Municipal Wastewater Treatment Facility

COMMUNITY SERVICE

2005 – *present* *Stream Monitoring Volunteer*, Upper Oconee Watershed Network
2004 – 2008 *Volunteer*, BikeAthens
2006 – 2008 *Board Member*, BikeAthens
2006 *Member Coordinator & Newsletter Editor*, Common Ground Athens
2004 – 2006 *Volunteer*, Common Ground Athens

INTERNSHIPS

2003 Fall *Resources Assistant*, Student Conservation Assn., SE Utah Group, US NPS, Moab, UT
2002 Summer *Research Assistant*, Institute of Ecology, UGA, Puerto Rico
2001 Summer *NSF Research Experience for Undergraduates*, Marine Sciences, UGA, Sapelo Is., GA

LANGUAGES

Spanish – *Proficient*

REFERENCES

- J. Peter Brosius, Ph.D.
Professor
Dept. of Anthropology
University of Georgia
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- Doctoral Committee Chair
- to speak for my academic achievements
- Laurie Fowler, J.D., L.L.M.
Associate Dean
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- Master's Committee Chair
- to speak for my academic and professional achievements
- Jeff Hepinstall, Ph.D.
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- Master's Committee member
- to speak for my academic and GIS abilities
- Ron Carroll, Ph.D.
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Co-Director for Science
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- Master's Committee member
- to speak for my academic achievements
- Tim Carter, Ph.D.
Director
Center for Urban Ecology
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Gallahue Hall, Room 068
4600 Sunset Ave.
Indianapolis, IN 46208
317-940-6506
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- to speak for my academic and GIS analysis abilities
- Alex Reynolds, M.S.
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US Science Department
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- to speak for my international management abilities

Stevan R. Earl, Ph.D. - to speak for my communication & lab analytical skills
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Ken Suttles - to speak for my boating and outdoor experiences
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