Lindsay Barbieri

Gund Institute 617 Main St • Burlington, VT 05402 • 508 308 8706 • lindsay.barbieri@uvm.edu

Curriculum Vitae

Education

- **University of Vermont Rubenstein School of Environment & Natural Resources,** Burlington, VT.....Aug. 2014-present
  Gund Institute for Ecological Economics Graduate Student Fellow
  Advisor: Dr. Eva Wollenberg
- **Hampshire College, School of Natural Science,** Amherst, MA……..…Sept. 2006-May 2010
  BA, Natural Science: Geomorphology and Planetary Science
- **Freie Universität,** Berlin, Germany……...March-July 2011 & 2009
  Economics, Rural Development
- **Washington State University Extension, FIELD Program,** Chimacum, WA……..……June-November 2010
  Farm Innovation, Education and Leadership Development Program Intern
  WSU Extension Sustainable Agriculture Certificate

Technical & Language Skills

Computer Skills: **ArcGIS:** Mapping Analysis • **Dinamica:** Spatial Modeling • **R:** Statistical Computing • Excel • Photoshop • InDesign
Language Skills: **German -** BSI Sprachschule Institut, Berlin, Germany……...Jan.-March 2011, 2009

Research, Communication & Management

Clean Energy Fund Graduate Assistant……...……..Sept. 2014 to present
Fund and Committee Manager, Project Manager, Communications Manager
Office of Sustainability, University of Vermont, Burlington, VT

GIS Teaching Assistant and Lab Administrator ……...…….....Sept. 2014 to present
Administrate labs, Assist in teaching GIS skills, Evaluate students
Intro to Geographic Information Systems, University of Vermont, Burlington, VT

Science Educator and Communicator…….……Sept. 2012 to May 2014
Present live planetarium shows, Communicate earth and space science topics to the public
Assist in the production of planetarium videos:
Moons: Worlds of Mystery, 2012 • From Dream to Discovery: Inside NASA Engineering, 2014
Charles Hayden Planetarium, Museum of Science, Boston, MA

Sustainable Farming & Environmental Best Practices Communications and Outreach ..…….June 2010-Aug. 2012
On-Farm Educator, Blogging and website development, Farmers markets and outreach
• OKA Real Milk at Lawton's Family Farm, Foxboro, MA - Sept. 2010-Aug. 2012
Farm Intern, Outreach Assist and Sustainable Agriculture Certificate Program Intern
• Finnriver Farm and Spring Rain Farm, Chimicum, WA - June-Nov. 2010

Study Abroad Program Coordinator…….……..…Jan.-Aug. 2011
Coordination of student academic programming, Management of program finances
Hampshire College Study Abroad Program in Berlin, Germany

Planetary and Geoscience Research Assistant ……..……..……..……July 2009-May 2010
Mapping and landscape analysis, Data and image processing, Spatial and geomorphology research
Dr. James W. Head's Geosciences and Planetary Science Lab, Brown University, Providence, RI

Publications

- Dickson, J., Head, J.W., Goudge, T.A., **Barbieri, L.** currently under review. *Recent climate cycles on Mars: Stratigraphic relationships between multiple generations of gullies and the latitude dependent mantle*, ICARUS

- J. L. Dickson, J.W. Head, **L. Barbieri,** T.A. Goudge 2014 *Evolution of the Latitude Dependent Mantle on Mars: Thickness Estimates and Evidence for Cyclical Emplacement as Revealed by Late Amazonian Gullies*, 45th Lunar Planetary Science Conference Abstract

- J.L. Dickson, J.W. Head, **L. Barbieri** 2013 *Martian Gullies as Stratigraphic Markers for Latitude-Dependent Mantle Emplacement and Removal,* 44th Lunar Planetary Science Conference Abstract

- **Barbieri, L.** 2010 *Deciphering Late-Amazonian Climate Change on Mars Using Evidence Preserved in Gully Fan Stratigraphy*, Hampshire College Division III Thesis ***Mary Dailey Irvine Prize***

- **Barbieri L.**, Dickson J. L., Head J. W., Dyar M. D. 2010 *Deciphering Late-Amazonian Climate Change on Mars: Evidence for Episodic Gully Activity Preserved in Gully Fan Stratigraphy*, 41st Lunar Planetary Science Conference Abstract

Presentations & Productions

- From Dream to Discovery: Inside NASA Engineering, Museum of Science Charles Hayden Planetarium……...2014
  Production Assistant, *Charles Hayden Planetarium*
- Moons: World of Mystery, Museum of Science Charles Hayden Planetarium……...2012
  Production Assistant, *Charles Hayden Planetarium*
- Deciphering Late-Amazonian Climate Change on Mars Using Evidence Preserved in Gully Fan Stratigraphy: Talk at Five College Astronomy Symposium, Amherst, MA ……....2010
  Symposium Talk, *Amherst College*
- Shaping Planets, Design Art and Technology Gallery Exhibit……..2010
  Gallery Exhibit, *Hampshire College*
- Deciphering Late-Amazonian Climate Change on Mars Using Evidence Preserved in Gully Fan Stratigraphy: Abstract and Poster Presentation, 41st Lunar and Planetary Science Conference.....……... .2010
  Poster Presentation, *LPSC*

Research Awards & Grants

- Rubenstein Graduate (RSENR) Mini Grant…….2014
  - Environmental Engineering and Environmental Science Research
- Mary Dailey Irvine Prize……..……..……2010
  - Outstanding 5 College Astronomy Research Presentation and Thesis Paper
- Hampshire College Ingenuity Award…….....2008 and 2010
  - Community Development, Leadership and Ingenuity
- Ray and Lorna Coppinger Grant Award……..……..2010
  - Cognitive Science Research
- MIT Space Grant Award……..2009
  - Astronomy and Planetary Science Research
- DART (design art and technology) Grant Award…… 2009
  - Innovative Research Project at the intersection of Design, Art and Technology