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**Christina M. Cianfrani**  
Assistant Professor  
School of Natural Science  
Hampshire College  
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### **Academic Background**

- Ph.D. 2005 *Environmental Engineering*, University of Vermont, Burlington, VT.  
GPA: 4.00/4.00  
Dissertation: "Linking Stream Geomorphology, Watershed Condition, and Aquatic Ecosystem Health"
- M.E.S. 1996 *Environmental Science*, Yale University School of Forestry and Environmental Studies, New Haven, CT. GPA: 3.75/4.00  
Master's Project: "Site Conservation Plan for South Bay Lake Champlain"
- B.A.S. 1993 *Environmental Systems*, University of Pennsylvania, School of Engineering and Applied Science, Phila., PA. GPA: 3.45/4.00, *cum laude*, *Dean's list 1991-1993*.
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### **Research Interests**

Watershed Hydrology, Fluvial Forms and Processes, Aquatic Habitat, Hydrologic/Water Quality Modeling, Nonpoint Source Pollution, Stream Restoration, Geographic Information Systems

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### **Grants and Fellowships**

- 2011 MacArthur Foundation Faculty Development Award (PI: \$10,000)  
*Collaborative Research at the Stream Restoration, Education, and Management (StREAM) Lab, Blacksburg, VA*
- 2011 Deans' Faculty Development Award (PI: \$1,000)  
*Incorporating Physical Modeling and Quantitative Skills in NS255 –Watershed Hydrology*
- 2010 Summer Faculty Development Grant (PI: \$640)  
*8<sup>th</sup> Annual NCAR Early Career Scientist Assembly: Climate and Water and Developing a New Tutorial Course: Water in a Changing Climate*
- 2009 Center for Watershed Protection University Partnership Program (PI: in-kind curriculum support)
- 2006-2008 Massachusetts Water Resources Research Center (Co-PI: \$50,000)  
*Using Hydromorphological Signatures to Determine Flow Related Habitat Thresholds for Instream Communities*
- 2006 Marion and Jasper Whiting Foundation Fellowship (PI: \$4,665)  
*Stream Food Web Summer Field Study in Moscow, ID*
- 2006 Summer Faculty Development Grant (PI: \$1,965)  
*Developing Stream Ecology and the Stream and Wetlands Wet Lab*

2003-2005	Vermont NSF-EPSCoR Graduate Student Fellowship (PI: \$50,000) <i>Evaluating Aquatic Habitat Quality Using Channel Morphology and Multi-Scale Modeling Techniques</i>
2002-2004	Lake Champlain Research Consortium Grad. Student Research Grant (PI: \$1,500) <i>Linking Watershed Condition, Stream Geomorphology, and Aquatic Ecosystem Health</i>

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### Teaching Experience

2005-present	<i>Assistant Professor:</i> Watershed Hydrology, Stream Ecology, Introduction to GIS
2001-2005	<i>Special Topics Lecturer:</i> Stormwater Modeling/Hydrology, Univ. of Vermont
2001-2006	<i>Clinic Organizer/Coach:</i> Women's Ultimate Frisbee College Clinic Series
2003	Attended SUCCEED Planning Engineering Education Workshop, NSF Sponsored
2002	<i>Lecturer/Lab Coordinator:</i> Computer Based Tools for Civil Engineers
1998-2000	<i>Special Topics Lecturer:</i> Environmental Case Studies, University of Pennsylvania
1999	<i>Workshop Coord./Instructor:</i> GIS Training, Women in Natural Sciences Program
1998	<i>Workshop Coord./Instructor:</i> GPS Training, PA Dept. of Env. Protection
1995	<i>Teaching Assistant:</i> Hydrology, Yale Univ. School of Forestry and Env. Studies

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### Professional Experience

#### Assistant Professor

(2005-Present)

School of Natural Science, Hampshire College, Amherst, MA.

- Develop water resources curriculum as part of the School of Natural Science.
- Teach: Watershed Hydrology, Stream Ecology, Science and Politics of Water, Water, Water, Everywhere, Introduction to Geographic Information Systems, Sustainable Water Resources, Water in a Changing Climate, Food and Water, Environmental Resources Seminar.
- Develop research program in Water Resources incorporating undergraduate students in field and lab work.
- Develop research and teaching collaborations with Five College Institutions (University of Massachusetts-Amherst, Mt. Holyoke College, Smith College, and Amherst College).
- Advise an average of 20-30 students including Division I (first year program), Division II (concentration/major), and Division III (senior thesis).
- Develop lab activities for 'Girl's Day in the Lab' (high school and middle school girls).
- Chair Curriculum Committee for School of Natural Science planning and coordinating annual faculty retreat as well as curricular innovations at the school-level.
- Serve on Grants Committee for School of Natural Science identifying school-level opportunities for funding and unifying themes.
- Serve as Physical Science representative on School of Natural Science Safety Committee.

#### Graduate Student Research Assistant

(2001-2005)

Department of Civil and Environmental Engineering, University of Vermont, Burlington, VT.

- Responsible for site selection, stream habitat and geomorphology surveys, coordination of field crew, database development, data analysis and modeling for EPA-STAR funded

project, 'Linking Land Use Change, Stream Geomorphology, and Aquatic Biodiversity in a Hierarchical Classification Scheme.'

- Responsible for field data collection and water quality modeling using SWAT for Allen Brook Water Quality Improvement Plan and Recommendations for TMDL.
- Taught special module on TR-55 Stormwater Modeling for Hydrology class.
- Guest lectured for GIS and remote sensing class.
- Taught 'Tools for Engineers,' required course for all second-year civil and environmental engineering students. Included Geographic Information Systems, Global Positioning Systems, Photogrammetry, and Remote Sensing.

### **Water Resources/GIS Specialist**

**(1998-2001)**

Biosystems Engineering Section, Academy of Natural Sciences, Philadelphia, PA.

- Conducted watershed level nonpoint source modeling as part of watershed conservation plans.
- Designed and implemented stream restoration plans.
- Managed Geographic Information Systems (GIS) and Remote Sensing Lab. Coordinated GIS projects for all Biosystems Engineering Section and Patrick Center projects.
- Classified satellite imagery for land cover analysis using remote sensing software for NASA sponsored project in Mongolia.
- Conducted stream habitat and geomorphology assessments.
- Developed and taught GIS and GPS short courses for conservation groups, PA Department of Environmental Protection, and high school science programs.

### **Research Scientist**

**(1996-1998)**

Environmental Management Center, Brandywine Conservancy, Chadds Ford, PA.

- Co-wrote stormwater management manual for the state of Delaware.
- Utilized geographic information systems (GIS) in a variety of environmental planning projects including water budget modeling and natural resources and stormwater management.
- Created marketing plan for Conservancy's GIS services.
- Assisted municipalities with water related planning issues.
- Edited and wrote for the Conservancy's newsletter.

### **Research Assistant**

**(1995)**

National Academy of Sciences, National Research Council, Washington, DC.

- Provided research support for National Academy of Science committee meetings.
- Created literature databases.

### **Research Assistant**

**(1992-1994)**

University of Pennsylvania Dept. of Geology and PA Chapter of The Nature Conservancy. Philadelphia, PA.

- Collected vegetation and soil samples for two field seasons in Northeastern PA.
- Performed chemical and physical analysis of samples.
- Conducted independent macroporosity study of Puerto Rican soil cores including design of experimental apparatus.

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### Invited Seminars/Workshops

**Cianfrani, C.M., 2011.** Using Sensors to Assess Habitat in Streams. Science and Math Camp for Girls, Oakwood Friends School, Poughkeepsie, NY.

**Cianfrani, C.M., 2009.** Landscapes in the Anthropocene: Exploring the Human Connections. National Science Foundation Land Use Dynamics Program and Spatial Sciences Program sponsored interdisciplinary invited workshop. Eugene, OR.

**Cianfrani, C.M., 2006.** Ecological Engineering: What does it mean? What do ecological engineers do? University of Massachusetts, Department of Civil and Environmental Engineering Graduate Student and Faculty Seminar Series. Amherst, MA.

**Cianfrani, C.M., 2006.** Evaluating Aquatic Habitat Quality Using Channel Morphology and Watershed Scale Modeling Techniques. University of Massachusetts, Department of Natural Resources Spring Seminar Series. Amherst, MA.

**Cianfrani, C.M., 2005.** Ecology and Engineering: Pictures from Streams and Rivers. Hampshire College New Faculty Seminar Series. Amherst, MA.

**Cianfrani, C.M., 2005.** Linking Stream Geomorphology, Watershed Condition, and Aquatic Ecosystem Health. Five College Geology Faculty Research Symposium. Amherst, MA.

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### Journal and Book Publications

**Sullivan, S.M.P. and C.M. Cianfrani, in preparation.** Relating Watershed Physical Structure with Fish Community Diversity and Condition.

**Cianfrani, C.M., P. Parasiewicz, and P. Mouser, in preparation.** Using Hydromorphological Signature Distributions to Determine Flow Related Thresholds for Instream Communities.

**Hession, W.C., C.M. Cianfrani, M. Dewolfe, in preparation.** Streambank Erosion: Quantification and Management in the Lake Champlain Basin of Vermont.

**McNeeley, S.M., S.A. Tessendorf, H Lazrus, T. Heikkila, I.M. Ferguson, J.S. Arrigo, S.Z. Attari, C.M. Cianfrani, L. Dilling, J.J. Gurdak, S.K. Kampf, D. Kauneckis, C.J. Kirchhoff, J. Lee, B.R. Lintner, K.M. Mahoney, S. Opitz-Stapleton, P. Ray, A.B. South, A.P. Stubblefield, J. Brugger, 2011.** Catalyzing Frontiers in Water-Climate-Society Research: A View from Early Career Scientists and Junior Faculty. *Bulletin of the American Meteorological Society*. DOI:10.1175/BAMS-D-11-00221.1.

**Cianfrani, C.M., S.M.P. Sullivan, W.C. Hession, and M.C. Watzin, 2010.** A Multitaxonomic Approach to Understanding Local- Versus Watershed-Scale Influences on Stream Biota in the Lake Champlain Basin, Vermont, USA. *River Research and Applications*. 27:n/a. DOI:10.1002/rra.1470.

**Cianfrani C.M., S.M.P. Sullivan, W.C. Hession, M.C. Watzin. 2009.** Mixed Stream Channel Morphologies: Implications for Fish Community Diversity. *Aquatic Conservation: Marine and Freshwater Ecosystems*. 19:147-156. DOI:10.1002/acq.946.

**Cianfrani, C.M., W.C. Hession, and D.M. Rizzo, 2006.** Watershed Imperviousness Impacts on Stream Channel Condition in Southeastern Pennsylvania. *Journal of American Water Resources Association*. 42(4):941-956.

**Hession, W.C., C. Cianfrani, and C.E. Goulden, 2006.** Land Cover Mapping of Hövsgöl National Park. In Goulden, Sitnikova, Gelhaus and Boldgiv (editors), 2006. *The Geology, Biodiversity, and Ecology of Lake Hövsgöl (Mongolia)*. Backhuys Publishers, Leiden, The Netherlands. 525 pp.

**W.C. Hession, T.E. Johnson, D.F. Charles, D.D. Hart, R.J. Horwitz, D.A. Kreeger, J.E. Pizzuto, D.J. Velinsky, J.D. Newbold, C. Cianfrani, T. Clason, A.M. Compton, N. Coulter, L. Fuselier, B.D. Marshall, and J. Reed, 1999.** Ecological Benefits of Riparian Reforestation in Urban Watersheds: Study Design and Preliminary Results. *Environmental Monitoring and Assessment*. 63(1):211-222.

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### Conference Proceedings/Poster Presentations

**\*Hofmeister, K., S. Roof, and C. Cianfrani, 2011.** Glacial Lake Ice Monitoring to Evaluate Trends in Lake Ice Behavior. *Water 2011. Final Program, 8<sup>th</sup> Annual Conference of the Massachusetts Water Resources Research Center*. Amherst, MA.

**Cianfrani, C.M., 2010.** Watershed- and Local-Scale Influences on Stream Systems: Incorporating Climate Change Impacts. Junior Faculty Forum on Future Scientific Directions. National Center for Atmospheric Research. Boulder, CO. Invited Workshop.

**Sullivan, S.M.P., A.R. Kautza, C.M. Cianfrani, and K.T. Vierling, 2010.** A Multiscalar Perspective of Environmental Influences on Stream-Riparian Biota. Presented at ASLO/NABS Joint Aquatic Sciences Meeting: Global Changes from the Center to the Edge. Santa Fe, NM, USA.

**Cianfrani, C.M., 2009.** Teaching Sustainable Water Resources and Low Impact Development: A Project Centered Course for First-Year Undergraduates. *Eos Transactions, AGU* 90(52), Fall Meeting Supplement. Abstract ED23A-0529. San Francisco, CA.

**\*Haggerty-Perrault, M., C.M. Cianfrani, T. Long, 2009.** Unifying Architectural Design with Storm Water Management - A Case Study of the Longworth Arts Village. *Water Dependencies in New England: Systems, Stressors and Responses. Final Program, 6<sup>th</sup> Annual Conference of the Massachusetts Water Resources Research Center*. Amherst, MA.

**\*Haggerty-Perrault, M., C.M. Cianfrani, T. Long, 2009.** Unifying Architectural Design with Storm Water Management - A Case Study of the Longworth Arts Village. Poster presentation at the Five College Geology Student Poster Symposium. Amherst, MA.

**\*Greenberg, J., C.M. Cianfrani, and S.Roof, 2009.** The Effectiveness of a Constructed Wetland for the Remediation of Perchlorate Contamination. Poster presentation at the Five College Geology Student Poster Symposium. Amherst, MA.

**Cianfrani, C.M., S.M.P. Sullivan, W.C. Hession, and M.C. Watzin, 2008.** Mixed Stream Channel Morphologies: Implications for Fish Community Diversity. *Beyond Wetlands: Engineering the Landscape: Eighth Annual American Ecological Engineering Society Meeting*. Blacksburg, VA.

**Cianfrani, C.M., P. Parasiewicz, J. Legros, and \*M. Wirth, 2007.** Using Hydromorphological Signatures to Determine Flow Related Habitat Thresholds for Instream Communities. *Sustainable Waters in a Changing World: Research to Practice. Final Program, 4<sup>th</sup> Annual Conference of the Massachusetts Water Resources Research Center*. Amherst, MA.

**Cianfrani, C.M., S.M.P. Sullivan, W.C. Hession, and M.C. Watzin, 2006.** Effects of Land Use, Physical Habitat Type, and Stream Geomorphology at Multiple Spatial Scales on Fish Community Diversity. *Eos Transactions, AGU*. 87(36), Joint Assembly Supplement, Abstract H51B-02. [Editor Reviewed, Published]

**Watzin, M., W.C. Hession, S. M. Sullivan, and C. Cianfrani, 2006.** Linking Land Use Change, Stream Geomorphology, and Aquatic Biodiversity in a Hierarchical Classification Scheme. 2006 *Ecological Society of America International Conference*. Merida, Mexico.

**Hession, W.C., C. Cianfrani, J. Clark, and A. Pearce, 2006.** Linkages between Stream Morphology and Aquatic Habitat Quality. *Proceedings of the American Ecological Engineering Society Annual Conference*. Berkeley, CA.

**Cianfrani, C.M., S.M.P. Sullivan, W.C. Hession, and M.C. Watzin, 2005.** Linking Stream Geomorphology, Watershed Condition, and Aquatic Ecosystem Health. *Research to Practice: Science for Sustainable Water Resources, Final Program 3<sup>rd</sup> Annual Conference of the Massachusetts Water Resources Research Center*. Amherst, MA.

**Cianfrani, C.M., W.C. Hession, and M. Watzin, and S.M.P. Sullivan, 2005.** Linking Stream Geomorphology, Watershed Condition, and Aquatic Ecosystem Health. In G.E. Moglen (editor), 2005. *Managing Watersheds for Human and Natural Impacts: Engineering, Ecological, and Economic Challenges*. Proceedings of the 2005 Watershed Management Conference, July 19-22, 2005, Williamsburg, VA. American Society of Civil Engineers, Reston, VA (cd-rom).

**Hession, W.C., M.C. Watzin, C.M. Cianfrani, and S.M.P. Sullivan, 2005.** Linking Watershed Land-Use, Stream Geomorphology, and Aquatic Biodiversity in a Hierarchical Classification Scheme. *Eos Transactions, AGU*. 86(18), Joint Assembly Supplement, Abstract B52A-04. [Editor Reviewed, Published]

**Cianfrani, C., W.C. Hession, and M. Watzin, 2004.** Evaluating Aquatic Habitat Quality Using Channel Morphology and Multi-scale Modeling Techniques. *Proceedings, Environmental and Water Resources Institute of the American Society of Civil Engineers World Water and Environmental Resources Congress*. Salt Lake City, UT.

**Cianfrani, C., W.C. Hession, R. Kort, L. Barg, and K. Dolan, 2003.** Vermont Watershed Restoration Plan Development and Sediment TMDL. In P. Bizier and P. DeBarry (editors), 2003. *Proceedings, Environmental and Water Resources Institute of the American Society of Civil Engineers World Water and Environmental Resources Congress*. Philadelphia, PA.

**Cianfrani, C., W.C. Hession, R. Kort, L. Barg, and K. Dolan, 2002.** Developing a Clean Sediment TMDL in Northern Vermont. In C. Welty (editor), 2002. *AWRA's 2002 Annual Water Resources Conference Proceedings*, American Water Resources Association, Middleburg, VA, TPS-02-4, 328 pp. (*AWRA Outstanding Student Presentation Award*)

**Cianfrani, C. and W.C. Hession, 2001.** Assessment of Urban Streams in Fairmount Park, Philadelphia, PA. In D. Phelps and G. Sehlke (editors), 2001. *Proceedings, Environmental and Water Resources Institute of the American Society of Civil Engineers World Water and Environmental Resources Congress*. Orlando, FL.

**Cianfrani, C., W. C. Hession, M. McBride, and J.E. Pizzuto, 2000.** Stream Assessment of Urban Streams in Fairmount Park, Philadelphia, PA. 2000 Spring Meeting Abstract Volume, *Eos Transactions, American Geophysical Union*. Joint Assembly Supplement (ISSN 0096-3941), Washington, DC.

**Cianfrani, C., W.C. Hession, J.E. Pizzuto, B.D. Marshall, and M. McBride, 2000.** Stream Quality Index for Assessment and Restoration Planning of Urban Streams in Philadelphia, PA. *Presented at The Geological Society of America 35<sup>th</sup> Annual Meeting, Northeastern Section*. New Brunswick, NJ.

**Cianfrani, C., W. C. Hession, M. McBride, and J.E. Pizzuto, 1999.** Urban Streams in Fairmount Park, Philadelphia, PA: Assessment and Restoration. In R. Sakrison and P. Sturtevant (editors), 1999. *Watershed Management to Protect Declining Species*. American Water Resources Association, Middleburg, VA, TPS-99-4, 561pp.

**Goulden, C.E., J. Tsogtbaatar, Chuluunkhuyag (MAS), W.C. Hession, D. Tumurbaatar, Ch. Dugarjav, C. Cianfrani, P. Brusilovskiy, G. Namkhajantsen, and R. Baatar, 1999.** The Mongolian LTER: Hovsgol National Park. *Proceedings of the 3<sup>rd</sup> International Conference on Long-Term Ecological Research (LTER) in the East Asia-Pacific Region*.

**Horner, W., C. Cianfrani, and K. Larson, 1998.** Conservation Design for Stormwater Management Workshop. *Presented at Minimizing Erosion, Sediment and Stormwater Impacts: Protection and Enhancement of Aquatic Resources in the 21<sup>st</sup> Century*. Newark, DE.

**Horner, W. and C. Cianfrani, 1997.** The Critical Link between Land Use and Water Resources. *Presented at the Mid-Atlantic Chapter of URISA and the New Jersey State Mapping Advisory Committee Put GIS in your Toolbox Annual Conference*. Piscataway, NJ.

**Horner, W. and C. Cianfrani, 1996.** Water Based Land Use Regulations. *Presented at the Pennsylvania Planning Association 1996 Annual Conference*. Champion, PA.

\* *Hampshire College Student*

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## Technical Papers and Reports

**Parasiewicz, P., C.M. Cianfrani, S. Jackson, 2008.** Using Hydromorphological Signatures to Determine Flow Related Habitat Thresholds for Instream Communities. Final Report to the Massachusetts Water Resources Research Center, Amherst, MA.

**Cianfrani, C.M., 2005.** Linking Stream Geomorphology, Watershed Condition, and Aquatic Ecosystem Health. PhD dissertation. Department of Civil and Environmental Engineering, University of Vermont, Burlington, VT.

**Barg, L., K. Dolan, W.C. Hession, C. Cianfrani, and R. Kort, 2003.** Watershed Improvement Plan and Recommendations for a Total Maximum Daily Load (TMDL) for Sediment for Allen Brook, Williston, VT. Report prepared for the State of Vermont, Department of Environmental Conservation, Water Quality Division, Waterbury, VT.

**Billet, C., T. Johnson, C. Cianfrani, C. Hession, and E. Kitchel, 2001.** Schuylkill Watershed Conservation Plan. Report prepared for the Pennsylvania Department of Conservation of Natural Resources and The William Penn Foundation. Philadelphia, PA.

**Horwitz, R.J., B.W. Thompson, C. Cianfrani, N.C. Coulter, W.C. Hession, M. McBride, J.E. Pizzuto, A. Rhoads and A.E. Schuyler, 2001.** Master Plan for Natural Lands Restoration in Fairmount Park, Philadelphia, PA. Volume 3, Appendices. Natural Lands Restoration and Environmental Education Program, Fairmount Park Commission. Philadelphia, PA.

**Horwitz, R.J., B.W. Thompson, C. Cianfrani, N.C. Coulter, W.C. Hession, M. McBride, J.E. Pizzuto, A. Rhoads and A.E. Schuyler, 2001.** Master Plan for Natural Lands Restoration in Fairmount Park, Philadelphia, PA. Volume 2, Park specific assessment and restoration plans. Natural Lands Restoration and Environmental Education Program, Fairmount Park Commission. Philadelphia, PA.

**Horwitz, R.J., B.W. Thompson, C. Cianfrani, N.C. Coulter, W.C. Hession, M. McBride, J.E. Pizzuto, A. Rhoads and A.E. Schuyler, 1999.** Master Plan for Natural Lands Restoration in Fairmount Park, Philadelphia, PA. Volume 1, Restoration goals, park-wide assessment and general restoration planning. Natural Lands Restoration and Environmental Education Program, Fairmount Park Commission. Philadelphia, PA.

**Goulden, Clyde E., W.C. Hession, and C. Cianfrani, 1999.** Conserving Biodiversity in Mongolia: A Pilot Project Using Landsat Images for Hovsgol National Park. Final report to NASA, Mission to Planet Earth grant, NAG8-1409.

**Cianfrani, C. and W.C. Hession, 1998.** Standard Operating Procedures for Using Global Positioning System Equipment. Report for the Southeast Regional Office of the Pennsylvania Department of Environmental Protection. Conshohocken, PA.

**Shaver, E., W. Horner, C. Cianfrani and K. Larson, 1997.** Conservation Design for Stormwater Management. Delaware Department of Natural Resources and Environmental Control. Newark, DE.



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## Honors

University of Vermont, Dept. of Civil and Env. Engineering, Graduate Student of the Year, 2005.  
AWRA Annual National Conference Outstanding Student Presentation Award, 2003.  
Academy of Natural Sciences, Patrick Center Excellence in Project Quality, 1999.  
Carpenter-Sperry Research Grant, Yale Univ. School of Forestry and Env. Studies, 1996.

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## Professional Activities

### Textbook Reviews

DeBarry, P. 2004. *Watersheds: Processes, Assessment and Management*. Wiley.

### Ad Hoc Journal Reviews

Journal of the American Water Resources Association  
Journal of Environmental Management

### Grant Reviews

National Science Foundation – EAR Geomorphology

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## Institutional Affiliations/Professional Affiliations

### Institutional Affiliations

Hampshire College, School of Natural Science, Amherst, MA  
Massachusetts Water Resources Research Center, Amherst, MA – Annual Conference Steering Committee and Scientific Advisory Board  
Rushing Rivers Institute, Amherst, MA – Research Associate

### Professional Affiliations

American Geophysical Union  
American Water Resources Association  
American Ecological Engineering Society  
- Volunteer/Host, American Ecological Engineering Society Annual Meeting, 2002  
Association for Women in Science

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## Committee Work/Service

Hampshire College, Amherst, MA

- Guest speaker, Hampshire College Care Center Program, Summer 2011
- Chair, School of Natural Science Applied Math Search Committee, Fall 2010
- Chair, School of Natural Science Curriculum Committee, 2006-2010
- School of Natural Science Curriculum Committee, 2005-2006
- NS Representative, Wabash Writing Group, 2009-2010
- School of Natural Science Dean Search Committee, Fall 2009
- Five College Strategic Planning Retreat, Fall 2009
- School of Natural Science Administrative Assistant Search Committee, Summer 2009
- Coordinator, Five College Geology Speaker Series, Spring 2006, Spring 2009

- School of Natural Science Safety Committee, 2006-2008
- Quantitative Skills Working Group, Academic Year 2007-08
- School of Natural Science Grant Committee, 2005-2007
- Workshop Organizer, Girls Day in the Lab, 2006-2007
- Davis Study to Evaluate Division III, 2006
- Coordinator, Women in Science Faculty and Student Group, 2006-present
- Prospective and Accepted Students Events, 2005-present
- Coach, Hampshire Ultimate Frisbee Team, Fall 2005-present

Oakwood Friends School, Poughkeepsie, NY

- Invited Workshop Organizer, Science and Math Camp for Girls, 2011

The Common School, Amherst, MA

- River Scientist, 5-6<sup>th</sup> grade river study, 2008, 2010

Seeds of Science, Lawrence Hall of Science

- Featured Scientist, 'Go with the Flow' book for elementary students, 2006-2009
- Ad hoc Reviewer, 'Water and Weather' curriculum materials, 2006-present

Science Leadership Academy, Philadelphia, PA

- Mentor, Senior Capstone Project on Water Resources, 2010
-