

## AMY BEST, PH.D.

Baltimore, MD 21250

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Website URL (LinkedIn, portfolio website, lab website)

### PROFILE

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- Seven years of experience working on interdisciplinary research teams and independent projects, with expertise in community-based research.
- Ph.D. in Geography with focus on interdisciplinary studies of social science, meteorology, and hydrology; specific expertise in vulnerability to hydroclimatic variability and community resiliency.
- Experience working in the context of natural disasters and emergency management from multiple perspectives. Including experiences as a disaster preparedness trainer, medical first responder, emergency shelter manager, disaster social worker, recovery professional, and researcher.
- Proficient with communication of complex scientific findings to a wide audience and translation of scientific findings to policy recommendations.
- Adept at working with diverse range of stakeholders, planning and executing detailed logistics, and designing and facilitating meetings.
- Completion of dissertation research that assessed community perceptions and response to disaster events and weather warning systems to better understand vulnerability and community resilience.

### AREAS OF EXPERTISE

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|--|----------------------------------|---|
| ▪ Community resiliency                 | ▪ Community engagement           | ▪ Vulnerability analysis                    |
| ▪ Interdisciplinary research           | ▪ Workshop development           | ▪ Strategic program development             |
| ▪ Communication of scientific findings | ▪ Group and meeting facilitation | ▪ Data collection, management, and analysis |

### EDUCATION

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#### University of Maryland, Baltimore County (UMBC)

Ph.D. in Geography and Environmental Systems

Dissertation: "Dissertation Title"

Advisor: Name(s) of Advisor

**Baltimore, MD**

May 20xx

#### University of Maryland, Baltimore County (UMBC)

M.S. in Geography and Environmental Systems

Master's Thesis: "Thesis Title"

Advisor: Name(s) of Advisor

**Baltimore, MD**

May 20xx

#### Clark University

B.A. in Geography and Environmental Science & Policy, *Magna Cum Laude*

Double Honors Thesis: "Honors Thesis Title"

Advisor: Name(s) of Advisor

**Worcester, MA**

May 20xx

### RESEARCH EXPERIENCE

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|-----------|---|
| 20xx-20xx | Integrative Graduate Education and Research Traineeship (IGERT), Multi-disciplinary Ph.D. program in <b>Water in the Urban Environment</b> . UMBC, Baltimore, MD.   |
| 20xx      | Research Fellow in <b>Integrated Watershed Science</b> , National Science Foundation Research Experience for Undergraduates (NSF- REU), Environmental Science Institute at the University of Texas at Austin. |
| 20xx-20xx | Research Fellow in <b>Vulnerability Analysis Research</b> Stream, NSF-REU, Human-Environment Regional Observatory (HERO), Clark University.   |

## PROFESSIONAL EXPERIENCE

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### **Operations Coordinator, The Alliance for Appalachia, Blair, West Virginia, May 20xx-Jan 20xx**

- Developed and managed volunteer citizen science project used to inform policy strategy and outreach to a diverse range of stakeholders.
- Coordinated regional science, regulatory, and policy working groups and hosted multi-state trainings.
- Wrote publications and reports on scientific findings for educational and community-based work.
- Managed organizational website, compiled newsletters, and wrote press materials.

### **Researcher and Community Organizer, Sludge Safety Project, Hinton, WV, Mar 20xx-Aug 20xx**

- Communicated scientific findings to a wide audience including policy makers, citizens, and press.
- Hosted community meetings to assess research needs, present research findings, and coordinate outreach and action plans.
- Developed organizational strategy as a member of the leadership committee and managed a volunteer staff, which included the creation of work plans and workgroup facilitation.
- Completed regional vulnerability assessments, which were discussed by national media outlets.
- Presented research findings at academic conferences.

### **Case Manager and Disaster Preparedness Trainer, Texas Interagency Disaster Response (TIDR), Austin, Texas July 20xx-May 20xx**

- Developed community resiliency and preparedness protocols and trainings.
- Facilitated a statewide disaster response coalition, which included local groups and federal agencies.
- Worked one-on-one with a diverse range of impacted community members.
- Completed emergency management training with FEMA and the American Red Cross and managed emergency shelters during hurricane evacuations.

### **Member, Rhizome Collective, Austin, Texas, July 20xx-January 20xx**

- Coordinated media and served as media spokesperson for the organization.
- Wrote and managed grants and helped manage annual budget.
- Conducted facilitation trainings and facilitated weekly organizational meetings.
- Completed urban sustainability projects and developed educational programs for community members.

### **Wetlands Restoration Project Coordinator and Co-founder, Common Ground Relief, New Orleans, Louisiana May 20xx-June 20xx**

- Developed a successful, long-term project, and set program strategy.
- Organized research projects in southern Louisiana to improve future storm and flood resiliency.
- Attended policy meetings with Army Corps of Engineers to advocate for progressive, environmentally focused policy as part of hurricane recovery efforts.
- Managed a staff of five and upwards of 5,000 volunteers.

## TEACHING EXPERIENCE

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20xx	Teaching Assistant, GES 102: Human Geography, UMBC, Baltimore, MD.
20xx	Teaching Assistant, GES 408/608: Field Ecology, UMBC, Baltimore, MD.
20xx	Teaching Assistant, GES 404/604: Forest Ecology, UMBC, Baltimore, MD.
20xx	Teaching Assistant, GES 400 Honors: Water Computer-Aided Negotiation of Water Resources Disputes, UMBC, Baltimore, MD.

**ADVISING AND MENTORING**

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- 20xx Name of Student. Undergraduate Researcher in Lab. UMBC, Baltimore, MD.
- 20xx Name of Student. Retrievers Connect Mentoring Program. UMBC, Baltimore, MD.

**HONORS AND AWARDS**

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- 20xx Selected paper at the Appalachian Studies Association Conference.
- 20xx Honorable Mention, National Science Foundation Graduate Research Fellowship Program.
- 20xx Highest Departmental Honors presented by Clark University Environmental Science department for honors thesis.
- 20xx Highest Departmental Honors presented by Clark University Geography department for honors thesis.
- 20xx Norb Psuty Student Paper Merit Award for the Coastal and Marine Specialty Group at the Association of American Geographers National Conference “*Title.*”
- 20xx Undergraduate Illustrated Paper Competition, First Place, Association of American Geographers National Water Resources Specialty Group “*Title.*”
- 20xx Undergraduate Poster Competition New England - St. Lawrence Valley (NESTVAL) Association of American Geographers, First Place, “*Title.*”

**FELLOWSHIPS AND GRANTS**

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- 20xx \$2,000, Tuition Support, UMBC Geography and Environmental Systems Departmental Funds
- 20xx \$12,000, Research Fellowship
- 20xx \$500, Travel grant from The Alliance for Appalachia for The Appalachian Studies Association Conference
- 20xx \$10,000, NSF-IGERT research funds, awarded through internal proposal and review process
- 20xx \$750, Travel Grant UMBC Geography and Environmental Systems Department to attend AAG in NYC
- 20xx \$9,200, NSF-IGERT supplemental research funds, awarded through internal proposal and review process
- 20xx \$9,400, NSF-IGERT supplemental research funds, awarded through internal proposal and review process
- 20xx \$81,000 NSF-IGERT Fellowship 20xx-20xx and 20xx-20xx academic years; one of six fellowships granted in 20x two years of support in interdisciplinary research

**RESEARCH**

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***Note: Publications and presentations should be cited in your field's preferred citation style.***

**Refereed Publications**

Author(s). Title. Cambridge University Press. Pages xx-xx. Author(s). Title. Cambridge University Press. Pages xx-xx. Author(s). Title. Cambridge University Press. Pages xx-xx.

**Refereed Conference Presentations**

Author(s). Title. The Appalachian Studies Association Conference, Boone, NC. March xx-xx 20xx.  
 Author(s). Title. Appalachian Public Interest Environmental Law Conference, Knoxville, TN. October xx-xx, 20xx.

Author(s). Title. Appalachian Studies Association Conference, Indiana, PA. March xx, 20xx.  
 Author(s). Title. Appalachian Studies Association Conference, Indiana, PA. March xx, 20xx.  
 Author(s). Title. Association of American Geographers National Conference New York City, NY, February xx, 20xx.  
 Author(s). Title. NSF IGERT Trainee Poster Competition, www.IGERT.org. May xx-xx, 20xx.  
 Author(s). Title. Association of American Geographers National Conference Boston, MA. April xx, 20xx.  
 Author(s). Title. Research Experience for Undergraduates (REU) poster presentation, University of Texas, Austin, August xx, 20xx.  
 Author(s). Title. Association of American Geographer National Conference Chicago, IL. March xx, 20xx.  
 Author(s). Title. New England- St. Lawrence Valley (NESTVAL) Association of American Geographers, Kean State University, January 20xx.  
 Author(s). Title. Fall Fest. Clark University, Goddard Library. November xx, 20xx.

### **Workshop, Guest Lecture, and Panel Presentations**

Author/Name(s). Panel discussion on citizen science and environmental enforcement. Powershift 20xx, Pittsburgh, PA, October 20xx.  
 Author/Name(s). Participatory field methods workshop. Appalachia Rising Conference, University Washington, DC, September 20xx.  
 Author/Name(s). Environmental education: Incorporating real world events into the classroom. Bread Loaf School of English at the University of North Carolina, Asheville, August 20xx.  
 Author/Name(s). Panel discussion on risk and vulnerability in Appalachia. University of Maryland, College Park. November 20xx.  
 Author/Name(s). Louisiana Wetlands: Policies and Promises. Jeanne X. Kasperson Research Library Lecture Series. Clark University Worcester, MA. February 20xx.  
 Author/Name(s). Wetland Restoration for a Sustainable New Orleans. Northeastern University Graduate Environmental and Geo-environmental Society Boston, MA. January 20xx.

## **SERVICE**

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### **Department Service**

20xx Graduate Student Rep, Assistant Professor Hiring Committee UMBC Geography and Environmental Systems  
 20xx Graduate Student Social Committee Chair, UMBC Geography and Environmental Systems

### **University Service**

20xx GEARS Committee, UMBC GSA, Office of Graduate Student Life

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### **Conference Reviewer**

20xx Esri User Conference  
 20xx GIS-Pro in the Rockies

### **Journal Reviewer**

20xx International Journal of Geographic Information Science, Guest Reviewer  
 20xx Geographical Analysis, Guest Reviewer

## **PROFESSIONAL AFFILIATIONS**

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National Emergency Management Association, May 20xx-present  
 American Association of Geographers, September 20xx-present  
 American Geographical Society, Graduate Student Committee Member, March 20xx-present