

**Ríobart É. (Rob) Breen, Ph.D.**  
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**Summary**

- Leadership for community-based, regional and state conservation, sustainability and climate resilience
- Thought leader, social entrepreneur, innovator and systems thinker
- Organizational developer, strategic planner, analytical and creative problem solver
- Experienced leader in upper management / executive level non-profit and government agencies
- Passionate and inspirational team leader, mentor, teacher and community developer
- Diverse professional skill set, interdisciplinary education and multi-cultural literacy
- Sustainable homesteader, goat farmer, beekeeper and agroecology/agroforestry practitioner

**Education**

**Ph.D. in Environmental and Natural Resources Policy and Administration.** Northern Arizona University, Flagstaff, Arizona. 2006. Courses in public policy, public administration, environmental and natural resources policy (forestry and watersheds), economic analysis, youth and environmental education policy, and quantitative and qualitative research methods.

**M.A. in Public Policy and Administration.** Northern Arizona University, Flagstaff, Arizona. 2005.

**B.A. in History and Studio Art.** State University of New York, Geneseo, New York. 1989. Concentrations in education and medieval studies. Participated in Visiting Student Program in Art Education at Nazareth College, Rochester, NY, 1988.

**Professional Experiences**

**Climate Policy Analyst,** New York State Department of Environmental Conservation - Office of Climate Change, Albany, New York. 2018 – present.

Analyzed, developed and implemented policies and strategies (environmental, governance, social and economic) to prepare communities, local governments and state governments for climate change impacts through adaptation, resilience and mitigation of greenhouse gas emissions.

- Coordinated climate change adaptation and resilience strategies and implementation.
- Lead procurement and budgeting of New York State Environmental Protection Fund allocations for climate change initiatives.
- Coordinated communication strategies and social media for climate change in New York State.
- Coordinated state agency climate change vulnerability assessments and climate adaptation plans.
- Coordinated interagency workgroup for climate change adaptation and resilience.
- Developed new approaches to climate action planning, scenario planning, and resilience planning.

**Lecturer – Biodiversity, Conservation and Policy Program,** University at Albany (SUNY), Biology Department, Albany, New York. 2019 – present.

Developed and taught graduate course in conservation policy which integrated scenario and simulation experiences.

**Ocean and Great Lakes Policy Analyst,** New York State Department of State – Coastal Management Program/Office of Planning and Development- Ocean and Great Lakes Program, Albany, New York. 2012 – 2018.

Analyzed, developed and implemented policies and strategies (environmental, social and economic) to protect and revitalize coastal communities adjacent to the ocean, Great Lakes, Long Island Sound, and

Hudson River estuary, emphasizing climate change resilience, collaborative governance, systems thinking, sustainability, and ecosystem-based management.

- Lead analysis and revision of New York's Coastal Management Plan and coastal policies in accordance with the Coastal Zone Management Act.
- Provided collaborative co-leadership for Great Lakes Action Agenda's ecosystem-based management planning and implementation, watershed planning and stakeholder collaboration for coastal watershed demonstration areas.
- Developed strategies to move Great Lakes coastal communities toward ecosystem-based management, sustainable economic development, and climate change resilience, with a special focus on the water-food-energy-climate change nexus.
- Developed new models for collaborative governance, collaborative policy innovation and future scenario planning and simulation.
- Developed innovative new toolset for systems analysis of natural resources, resilience, sustainability and community social analysis for policy adoption readiness.
- Represented New York on bi-state marine spatial planning initiative for Long Island Sound.

**Executive Director**, Anam Earth Center for Sustainability and Culture, Albany County and Syracuse, New York and Flagstaff/Show Low, Arizona. 1999 – present (full-time 2002-2012).

Founded and developed community-based non-profit 501(c)(3) organization for community development, sustainability education, ecological restoration, environmental justice, and youth and young adult leadership development within urban, rural, Hispanic, African American and Native American communities.

- Developed administrative infrastructure, policy manuals, and agency mission. Supervised, managed and trained 25+ employees.
- Trained board of directors, designed accounting system, and developed policy.
- Developed interagency agreements and contracts with state, federal, and tribal agencies.
- Established and operated Glendara Sustainable Homestead and goat farm for community supported homesteading and education in sustainability and resilience best practices. Included vegetable gardens, orchard, woodlot, chickens, bees, mushrooms, maple sugarbush, and medicinal herbs.
- Created watershed-based community/citizen/stakeholder mobilization strategy for watershed protection in collaboration with Onesquethaw-Coeymans Watershed Council.
- Developed and implemented EarthQuest climate change and sustainability scenario and simulation game for youth and young adults.
- Established the Anam Circle Public Policy Think Tank to conduct policy analysis and policy innovation for local and ecoregional applications.
- Created 4H Earth Clubs ecocivic sustainability education program for youth in partnership with Cornell Cooperative Extension and secured \$37,500 implementation grant.
- Created Onondaga Earth Corps for low-income inner-city youth in collaboration with Cornell Cooperative Extension.
- Managed watershed analysis field research using ArcGIS, and watershed governance analysis of zoning and codes.
- Developed and implemented ecosystem-based management and restoration plan for 200 acre nature center.
- Created and managed White Mountain Youth Corps ecological restoration program in rural Northern Arizona and secured \$500,000 implementation grant.

**Assistant Professor - Environmental Studies/Political Science**, Siena College, Loudonville, New York. 2006 – 2013.

Developed and taught undergraduate courses in environmental policy and politics, environmental justice policy, urban environmental sustainability issues, public policy, public administration, state and local government, municipal government, and comparative local government in Ireland.

- Integrated sustainability policy and governance, and complex social-ecological systems (SES) analysis into most classes, with a focus on the water-food-energy-climate change nexus.

- Advised pool of 20-30 students in academic and career choices
- Incorporated extensive use of online learning, digital media, and electronic assignment submission
- Created and implemented “Environmental Health and Justice Education Initiative” AmeriCorps VISTA initiative to engage college students and youth in assessment of watershed-based community sustainability and socio-ecological system analysis and planning using participatory action research methods.
- Awarded Siena Summer Scholars Research grant for “Environmental Democracy on the Kromma Kill: Developing a Preliminary Model for Community-Initiated Ecosystem-Based Policy and Management” student-faculty GIS project.
- Developed new tools for teaching and applying sustainability policy systems analysis, and several climate change and sustainability role-play simulations.
- Created and managed a student environmental sustainability policy think tank.
- Created and advised two new student environmental clubs.

**Director**, Coconino County Youth Services / Northern Arizona Conservation Corps / Northland Youth Conservation Corps, Flagstaff, Arizona. 1998 – 2002.

As member of upper management team, created and directed new county government youth services division with youth/ young adult employment and training/conservation corps programs, including international young adults and minority young adults from Hispanic and Native American communities.

- Promoted twice, and grew program from \$150K AmeriCorps program serving 20 young adults to \$2 million fee-for-service/grant program serving 110+ youth and young adults.
- Managed 60+ employees, and managed volunteers and interns.
- Developed and managed \$2 million annual budget.
- Created new administrative infrastructure and wrote policy and procedure manuals.
- Managed facilities, vehicles, and equipment
- Wrote, negotiated and managed contracts, agreements and grants with county, state and federal government agencies and tribal agencies.
- Developed rural youth policy and vision, youth development mobilization strategy, and publicity materials.
- Delivered regular oral and written reports directly to county legislature and agency executive director.
- Key leader in interagency and intergovernmental planning groups to develop regional conservation and community development strategies.
- Created new County Youth Council for youth leadership and civic involvement, and implemented the region’s first Rural Youth and Environment conference.
- Duties from 1998-200 included senior services, with a focus on food security and nutrition, and management of the meals-on-wheels program and congregant meals program and staff.

**Assistant Manager**, Harkins Theatres, Tempe and Sedona, Arizona. 1997 – 2000. Member of retail management team that opened new multiplex luxury theatre. Managed 120 youth and young adult employees, cash handling procedures, food preparation, daily financial reports, facilities and high-tech audiovisual equipment. Provided extensive customer service and analysis/evaluation of existing managerial procedures. Spearheaded Quality Team and designed and delivered new youth supervisor training program.

**Program Coordinator**, Arizona State University, Tempe, Arizona. 1997 - 1998.

Conducted marketing/funding research on corporations and foundations, and prospect research on individuals during \$300 million capital campaign for university.

- Developed new protocols and processes for research.

**Youth Program Director**, All Saints Community, Mesa, Arizona. 1995 - 1997.

As upper management staff member, created and directed comprehensive youth programming including education, community service, and outreach to 150+ youth.

- Trained and supervised 30+ volunteers and managed youth facility.

- Managed budget, conducted strategic planning and needs assessment, and wrote reports.
- Developed and implemented new Uesry Mountain Youth Corps program and curriculum for youth civic leadership and environmental conservation service.
- Initiated interagency community collaboration and strategic planning.

**Grants Manager**, Boys & Girls Clubs, Phoenix, Arizona. 1994 - 1995.

As member of upper management staff, designed new youth programs, wrote and managed grants and budgets.

- Developed assessment tools for program evaluation of effectiveness and impact.
- Key leader in city-wide community development collaborative initiatives.
- Key player on management teams for strategic planning, overhaul of MIS department, and implementation of Total Quality Management (TQM).

**Education Coordinator/ Research and Development Coordinator**, Arizona State Parks Department - Arizona Conservation Corps, Phoenix, Arizona. 1992 - 1994.

As member of upper management team in state government agency, designed, implemented and managed statewide conservation education/ employment and training program for youth and young adults in a statewide, multi-site program.

- Promoted to direct agency strategic planning, research, grant writing, and manage special projects.
- Negotiated and managed contracts with state and federal agencies, and managed \$300,000 program budget.
- Created new computerized case management system to track participant progress.
- Provided academic and career advisement to young adults in urban, rural, Hispanic, and tribal communities.

**Program Coordinator**, Community of the 19<sup>th</sup> Ward, Rochester, New York. 1990 - 1992.

As member of management staff, developed and implemented education programs for inner-city youth and families, including environmental justice and community service programs, outreach and leadership development.

- Trained and supervised 20+ volunteers.
- Conducted needs assessment and inter-agency community strategic planning.

**Program Coordinator**, St. Agnes Community, Avon, New York. 1989 - 1990.

As member of management staff, developed and implemented youth and adult education programs for rural community.

- Trained and supervised 20+ volunteers.
- Created and managed new youth facility.

**Program Coordinator**, City of Troy Youth Bureau, New York. 1989.

Ran environmental conservation employment and training program (Youth Conservation Corps) for urban youth.

- Supervised youth crew that created urban nature park, doing basic construction, environmental testing, trail work, and landscaping.
- Taught environmental awareness, life skills, and job readiness skills.
- Managed budget, scheduled activities, and purchased supplies and equipment.

## Publications

- In Progress    Ríobart É. Breen, *The Sustainability Class* (working title). Presents behavioral science research foundations for social change toward sustainability. Outlines institutional and policy strategy to move communities toward sustainability and resilience behaviors based on behavioral change evidence, social change processes, and policy development best practices research.

May 2008      Ríobart É. Breen, *Approaching Ecosystem Management: Change and Challenge in Forest Planning in the US Forest Service* (Saarbrücken, Germany: VDM Verlag). Synopsis: Analysis of forest plans to determine the level of integration of ecosystem management principles, along with identification of several dominant narratives guiding forest plans.

### **Current Policy Interests**

*Models of Sustainable and Climate Resilient Communities, Collaborative Adaptive Governance for Natural Resources and Climate Change Adaptation and Resilience, and Community Behavior Change for Transitions to Sustainability and Climate Change Resilience.* Exploring interdisciplinary models for sustainable and resilient local community governance, resilient environmental governance, climate resilience policy analysis tools and methods, ecosystem-based management and planning, systems leadership, institutional pathologies and behavior change via norms, narratives, and gamification.

### **Policy Documents and Briefs**

New York Great Lakes Action Agenda – Ecosystem-based Management and Collaborative Adaptive Governance Strategy 2017-2018 - Primary author  
 New York State Coastal Management Plan - Comprehensive Revision - CZMA Routine Program Change – New York Department of State 2016-2017 – Primary author  
 Great Lakes Coastal Community Resilience Strategy and RFP – New York Department of State 2015 – 2018 Co-author. Scenario planning and ecosystem-based management planning process integrated with watershed planning, offshore planning, sustainability and resilience to climate change.  
 Coastal Resilience Policy Analysis Process – New York Department of State 2015 – Sole author  
 Resilience Analysis Tools for Coastal Management Planning – New York Department of State 2015 - Co-author  
 Agency Innovation Team Brief – New York Department of State 2015 – Sole author  
 Long Island Sound Dredging Impacts Science Brief – New York Department of State 2015 – Sole author  
 Coastal Watershed Planning and Governance Models Brief – New York Department of State 2014 – Sole author  
 Tribal Sustainable Economic Development Strategy Brief- New York Department of State 2014 – Sole author  
 Agency Resilience and Climate Change Strategy Brief – New York Department of State 2014 – Sole author  
 New York Department of State Offshore Atlantic Study – New York Department of State 2014 – Editorial  
 New York State Great Lakes Action Agenda - New York State Department of Environmental Conservation/ New York Department of State 2014 – Editorial  
 New York State Ocean Action Plan - New York State Department of Environmental Conservation/ New York Department of State 2014 – Editorial  
 New York State Coastal Management Plan - Coastal Policy 29 Revision - CZMA Routine Program Change – New York Department of State 2014 – Primary author  
 New York Department of State Coastal Policies Consistency Determination (Policy Analysis) for Indian Point Energy Center License Renewal – New York Department of State 2014 – Primary author  
 Long Island South Shore Estuary Reserve Strategy Brief – New York Department of State 2013 – Sole author  
 New York Aquaculture Strategy Brief – New York Department of State 2013 – Sole author  
 Short-Sea Shipping and Sustainable Port Development Brief – New York Department of State 2013 – Sole author  
 Ocean & Great Lakes Program Ecosystem-Based Management Integration Strategy Brief – New York Department of State 2013 – Sole author  
 Framework Document of the Long Island Sound Coastal and Marine Spatial Plan – New York Department of State / Long Island Sound Bi-State Marine Spatial Planning Group 2013 – Contributor  
 Strategic Plan for the Onesquethaw-Coeymans Watershed Council – 2012 – Co-author

Flagstaff Forests Partnership – Forest Management Strategy – 2002 – Contributor  
 Draft Legislation for Flagstaff Forests Partnership – Co-author  
 Draft Arizona State Youth Development Strategy – 2000 – Primary author  
 Draft Youth Development Policy for Coconino County – 2000 – Primary author  
 Trails Plan for the Maricopa County Department of Parks – 1996 – Co-author  
 Community Partnerships of Phoenix Strategic Plan – City of Phoenix – 1995 - Co-author  
 Draft Agency Strategy for Arizona State Parks Department - Arizona Conservation Corps – 1994 – Co-author

## Presentations

- Mar. 2019 “Concepts of Climate Change Adaptation vs. Climate Change Resilience” – New York State Interagency Climate Adaptation and Resilience Workgroup workshop in Albany, NY.
- Jan. 2019 “Climate Change in New York: Implications for Agriculture” – Northeast Organic Farming Association Annual Conference, Saratoga Springs, NY.
- Sept. 2018 “New York State Coastal Management Program: Coastal Resilience Planning in Lake Ontario” - Great Lakes Regional Coastal Zone Management Annual Meeting in Chesterton, Indiana.
- Oct. 2017 “Climate Change and the Power of Stories”- Keynote Speech - Finger Lakes Youth Climate Summit at Hobart and William Smith Colleges in Geneva, NY.
- May 2017 Whole Watershed Community Planning Approach – Great Lakes Action Agenda community stakeholder meetings in multiple Lake Erie/Lake Ontario coastal communities, NY.
- April 2017 Three Alternatives for Local Collaborative Watershed Governance – NYS Department of Environmental Conservation – Watershed Citizen Science Workshop in Peebles Island, NY.
- Nov. 2011 “Toward a Complex Policy System Analysis of Socio-Ecological Systems: Using Cmap Concept Mapping Software to Apply Environmental Policy Analysis” at the Northeastern Political Science Association 2011 Annual Meeting, in Philadelphia, Pennsylvania.
- June 2011 “Toward Watershed-based Governance Along the Hudson River” at the Association for Environmental Studies and Sciences Annual Conference in Burlington, Vermont.
- Nov. 2009 “Role of Narrative in Environmental Policy of Complex Ecosocial Systems” at the Northeastern Political Science Association 2009 Annual Meeting, in Philadelphia, Pennsylvania.
- Nov. 2009 “Engaging Undergraduate Students in Environmental Policy and Governance Research: The Kromma Kill Creekshed Environmental Democracy Initiative” at the Environmental Consortium of Hudson River Colleges and Universities 6th Annual Conference, *Teaching and Learning the Hudson Valley: Building Capacity for Place-Based Education* held at Vassar College, Poughkeepsie, New York. Part of the “Local Watersheds” roundtable.
- Oct. 2009 “Participatory Action Research for Eco-Political Civic Engagement” as part of the Panel “Environmental Studies and Community Based Research: The Importance of Place in Student Learning” (Chaired by Dr. Jean Mangun) at the Association for Environmental Studies and Sciences Annual Conference in Madison, Wisconsin.
- Oct. 2009 “Creekshed-Based Environmental Democracy in Complex Ecosocial Systems” at the Association for Environmental Studies and Sciences Annual Conference in Madison, Wisconsin.
- May 2009 “Ecosystem Management in Unit Management Plans of the Adirondack Park” 16th Annual Conference on the Adirondacks – “Community Sustainability” Lake Placid, New York.

- Apr. 2009 “The Human-Nature-Other Humans Relationship” (panel presentation). “Visualizing Our Environment” panel on ecocritiques, moderated by Dr. Laurie Naranch at Siena College, Loudonville, New York.
- Sep. 2006 Panel Discussion: A Review of Al Gore’s “An Inconvenient Truth” and Global Warming. Siena, College, Loudonville, New York.
- Apr. 2003 “Ecosystem Management: Environmental Policy Paradigm Change?” Western Social Science Association – Annual Conference. Las Vegas, Nevada.
- June 2002 “Policy Integration: Combining Environmental Policy and Rural Youth Policy.” National Youth Employment Coalition – New Leader’s Academy. Phoenix, Arizona.
- Feb. 2002 “Implementing Ecological Restoration with Youth Corps Under the National Fire Plan.” National Association of Service and Conservation Corps – Annual Forum. Washington, D.C.
- Nov. 2000 “Implementing Biodiversity Conservation with Students.” Environmental Science Association of Ireland - Annual Conference on Biodiversity. Dublin, Ireland.
- Jan. 2000 “Youth Development Policy – A New Approach to New Challenges” (with co-presenter). 11<sup>th</sup> Annual Child Abuse Prevention Conference. Mesa, Arizona.

### Community Activities

**Policy Fellow**, Anam Circle, Albany, NY. 2008 – present. Created public policy think tank working with network of regional researchers and college student jr. analysts providing applied environmental policy research for local governments and communities in the Hudson River Estuary and watershed communities in New York. Led team to study the Kromma Kill Creekshed and Onesquethaw-Coeymans Watershed policy issues and generate a policy analysis report.

**Secretary**, Onesquethaw-Coeymans Watershed Council, Albany County, NY. 2010-2013. Developed tools for community watershed-based analysis, especially environmental governance analysis and models.

**Steering Committee Member**, Environmental Consortium of Hudson Valley Colleges and Universities. 2011-2012. Chaired the Hudson River Research Journal Exploration Committee and served on the Annual Meeting Committee.

**Advisor/Consultant**, Cornell Cooperative Extension Onondaga County, Syracuse, NY. 2004 – 2006. Worked with extension staff to develop youth conservation corps program.

**Chair**, Ecosystem Management Committee (2004 – 2006) and Chair of the Advisory Board (2004 – 2005) for the Nature Center at Alverna Heights, Syracuse, NY. Created ecosystem management and program plan to develop nature center and to conduct environmental education, ecosystem restoration, agroforestry, and organic farming on 200 acre former farmstead. Chaired executive committee and ecosystem management committee, served on finance committee, and developed administrative and governance infrastructure.

**Field Researcher**, Northern Arizona University – Ecological Restoration Institute. Summer. Flagstaff, AZ 2002. Worked on forest research team conducting field research/data collection on forest ecosystem health in the Apache-Sitgreaves National Forest.

**Chair**, New Leaders Academy Structural Changes Workgroup. 2001. Led team of youth policy professionals selected from around the U.S. to participate in professional leadership development program sponsored by the National Youth Employment Coalition. Workgroup analyzed federal youth policy legislation and made formal recommendations for implementation to national, state and local government agencies.

**Member**, Greater Flagstaff Forests Partnership, Flagstaff, AZ. 2000 - 2002. Intergovernmental and community collaborative which developed policy and strategies for implementing forest ecosystem

recreation and urban-interface wildfire hazard reduction. Represented the Northern Arizona Conservation Corps.

**Board Member**, Flagstaff Community Foundation, Flagstaff, AZ. 2000 - 2002. Helped provide leadership for a local community foundation and developed philanthropy policies for community initiatives. Since 1999, was member of Grants Review Team that reviewed grant proposals and made grant awards to local community organizations.

**Volunteer**, YMCA Earth Service Corps, Flagstaff, AZ. 1999 – 2001. Supervised youth volunteers who provided environmental conservation service work. Led activities involving camping, outdoor skills, tool use, and conservation skills.

**Chair**, Policy & Legislation Committee, Arizona Youth Development Task Force - Arizona Youth Development Initiative, AZ, 1999 - 2002. Led team that analyzed state and federal youth policy legislation and made formal recommendations to state and local agencies. Also served as member of Executive Committee of statewide task force responsible for creating statewide youth policy.

**Volunteer Trail Supervisor**, Maricopa County Parks, AZ. 1996 – 1998. Supervised crews of volunteers building and maintaining trails in county parks. Taught environmental education, tool use, outdoor skills, and trail skills.

**Member**, Youth Leaders Council, Phoenix, AZ. 1995 - 1996. Member of interagency youth and young adult policy and programming council.

**Board Member**, Community Partnership of Phoenix (CPOP), Phoenix, AZ. 1994 - 1995. Served on board that developed, implemented, and oversaw federally funded Community Development program initiatives and established implementation policy.

**Board Member**, Phoenix Comprehensive Community Collaboration Program, Phoenix, AZ. 1994 - 1995. Served on board that developed policy for federally funded community development program initiatives focused on Community Policing, Crime Prevention, and Community Development.

**Team Member**, Phoenix Think Tank Resource Development Team, Phoenix, AZ. 1994 - 1995. Team of collaborating schools and community organizations that developed local community policy and initiatives. Also developed proposals, and secured resources and funding.

**Advisory Board Member**, Maricopa Skill Center, Phoenix, AZ. 1992 - 1994. Served on community college resource board that developed policy.

## Professional Development and Training

**Urban Environmental Education**, Cornell University /North American Association for Environmental Education. Fall 2011. Highly selective program to conceptualize new national standards for urban environmental education.

**GIS Applications for Natural Resources**, Siena College, January 2011.

**Introduction to GIS and Community Analysis**, New Urban Research - Mapping New York Communities, May 2009. (GIS skills workshop)

**Workshop on Interpretive Methodologies in Political Science**, National Science Foundation project at the University of Toronto, Canada. Sept 2009.

**Natural History Field Education**, Centers for Nature Education, Camillus, NY. Spring 2004.

**Ecological Field Research Methods**, Northern Arizona University – Ecological Restoration Institute. May 2002. Skills training program to set up forest research plots and collect ecological data.

**Verde Watershed Research and Education Program Field School**, Northern Arizona University. Summer 2002.



**Natural Resources Management for Educators**, University of Arizona, 2001.

**New Leaders Academy**, National Youth Employment Coalition, Washington, D.C. and Boston, MA. 2001. Participant in year-long national leadership development program for youth policy leadership. One of only 34 selected out of national pool of applicants.

**Advancing Youth Development**, National Training Institute for Community Youth Work - Academy for Educational Development, Washington, D.C. Spring 2001. Train the trainer certification for youth work.

**Project Learning Tree** and **Project W.I.L.D.**, Northern Arizona University, 2000.

**Supervisors Academy**, Flagstaff, AZ. 2000. Public administration training, including: management/leadership skills, supervisory skills, coaching, interviewing, discipline & corrective action, time management, team building/group dynamics/Group problem solving & decision making, Equal Employment Opportunity, communication, performance management.

**Youth and Young Adult Services**, St. Bernard's Institute, Rochester, NY. 1990 - 1992. Two year youth & young adult training program with courses in leadership/management, social justice, diversity/multiculturalism, education and outreach, and mentoring/counseling.

**Environmental Education for Youth Conservation Corps**, New York State Youth Conservation Corps, Saratoga, NY. 1989. Conservation skills and environmental educator training.

**Professional development**, 1990 - 2000. Various professional development workshops in program development & evaluation, risk management for nonprofits, community collaboration, budgeting, web development, strategic planning, volunteer management, grant writing, prospect research, preventing misconduct, facilitation / train the trainer.

## Successful Grants

**\$37.5K** Hudson River Estuary Program for "Environmental Health and Justice Initiative: 4-H Earth Clubs (4HEC) at Siena College" 2011.

**\$1K** Onesquethaw-Coeyman's Watershed Council for GIS field research on watershed issues 2011.

**\$2K** Siena College Peace Studies for student-faculty participation in Advocacy Days social justice and environmental justice policy advocacy conference in Washington, D.C. 2009.

**\$2K** Siena College Center for Urban Education to fund "4H Earth Club" initiative 2008.

**In-Kind Grant** AmeriCorps VISTA for "Environmental Health and Justice Education Initiative." 2007.

**\$10K** Friars Fund for youth environmental education and conservation service 2007.

**\$3.4K** Siena Summer Scholars Research grant "Environmental Democracy on the Kromma Kill: Developing a Preliminary Model for Community-Initiated Ecosystem-Based Policy and Management" 2007.

**\$500K** AZ Governor's Office for "White Mountain Youth Corps" 2002 -2003.

**\$260K** U.S. Congress (direct allocation) for "Northern Arizona Conservation Corps" 2001.

**\$80K** Coconino County for "Northern Arizona Conservation Corps" 2001-2002.

**\$51K** Northern Arizona University for "Northern Arizona Conservation Corps" 2001.

**\$75K** Coconino County for "Northern Arizona Conservation Corps" 2000 - 2002.

**\$60K** Coconino County for "Youth Services Programming" 2000 -2002.

**\$43K** Coconino County Parks for "Park Restoration Corps" 2001.

**\$10K** AZ Department of Economic Security for "Rural Youth Services" 2000.