

**Keith G. Tidball**

U. S. Citizen

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**EDUCATION****Ph. D.** (Candidate, A-Exam 12-17-2009) Cornell University*Natural Resources/ Environmental Dimensions of Human Security and Resilience***M. A.** (2000) The George Washington University*International Affairs/ International Conservation & Agricultural Development***B. A.** (1998) University of Kentucky*Cultural Anthropology/ Ritual, Symbolism & Resource Dependent Communities***AREAS OF SPECIALIZATION****Vulnerability, Conflict, Security, and Disaster Preparedness**

- Environmental peacemaking and security, natural resources in post-conflict and post-disaster response and recovery, human security
- Conservation and development, disaster/humanitarian assistance and development

**Urban Ecology and Urban Community Resilience**

- Urban community greening and urban community forestry and reforestation
- Social-ecological systems resilience

**Agricultural and Natural Resources Sustainable Development**

- Community-based watershed management
- Natural resources and environmental conservation, sustainable development planning and implementation
- Urban and high-density environmental planning and management
- Agricultural and natural resources scientific exchanges, technology transfers

**Cultural Anthropology and Political Psychology**

- Ecological anthropology, conservation anthropology
- Anthropology of political violence, war, and disaster
- Religious discourse and practice, symbolism
- Crisis decision-making, leadership, psychology of political violence and terrorism

**ADDITIONAL EDUCATION & TRAINING**

- Certificate, Stockholm University Resilience Center & Cape Town University African Centre for Cities, Cape Town South Africa, *Using Social Network Analysis in Urban Social Ecological Studies*, 2009

*Military* (Entry Rank- Private, E1. Highest Enlisted Rank-E6; Last Rank Held-2<sup>nd</sup> Lt- O1 Army Nat'l Guard)

- Diploma & Commission, [Kentucky Military Academy](#), Fort Knox, KY, *Officer Candidate's School*, 1993
- Certificate, Camp Grayling, MI, *Cold Weather Operations School*, 1991
- Diploma, U.S. Army Infantry Center, Fort Benning, GA, *Advanced Infantry Training*, 1990
- Diploma, U.S. Army Infantry Center, Fort Benning, GA, *Basic Infantry Training*, 1990

*Disaster/Humanitarian Assistance*

- Certificate, American Red Cross, *Damage Assessment*, February 1999
- Certificate, American Red Cross, *Mass Care I*, December 1998
- Certificate, American Red Cross, *CPR/Community First Aid*, December 1998
- Certificate, American Red Cross, *Introduction to Disaster Management*, November 1998

**PROFESSIONAL EXPERIENCE**

- Jul 2011- Present**      **Senior Extension Associate, Department of Natural Resources, Cornell University**  
Associate Director and co-founder of [Cornell Civic Ecology Lab](#). Position is 50% research, 50% outreach and extension. Responsible for urban community-based natural resources management (CBNRM) outreach and extension. Specialize in CBNRM in post-conflict and post-disaster contexts. Research focus on the role of CBNRM in conferring resilience to social-ecological systems perturbed by sudden conflict or disaster. Theme Leader of Environmental Dimensions of Human Security theme within the Cornell Civic Ecology Lab. Program Leader of [Cornell Communities and Urban Forests Program](#).
- Jan 2011- Present**      **New York State Coordinator, Extension Disaster Education Network (EDEN), Cornell Cooperative Extension, Cornell University**  
Key tasks involve providing preparedness information to county association Executive Directors, the Disaster listserv and other appropriate listservs; maintaining an active partnership with National EDEN; acting as lead for the EDEN Core Response Team; working with State Specialists to provide support to CCE Associations as they develop and update their emergency plans, and updating and maintaining the NY EDEN website as a source of information.
- Oct 2003- Jul 2011**      **Extension Associate, Department of Natural Resources, Cornell University**  
Associate Director and co-founder of [Cornell Civic Ecology](#). Theme Leader of Environmental Dimensions of Human Security theme within the Cornell Civic Ecology Lab. Program Leader of [Cornell Communities and Urban Forests Program](#).
- Oct 2002- Oct 2003**      **Agricultural and Natural Resources Economic Development Program Leader, Cornell University, Cooperative Extension, Ontario County, New York**  
Agriculture Economic Development specialist engaged in design and delivery of educational programs to enhance productivity, economic vitality and sustainability of agriculture and food systems industries. Assist in education of landowners and farmers on agricultural marketing, business development, and sustainable natural resource management issues. Facilitate and assist with public policy education pertaining to agriculture, land use, conservation and management of natural resources
- Nov 1999- Sept 2002**      **International Affairs Specialist, US Department of Agriculture, Foreign Agriculture Service, International Cooperation and Development, Research and Scientific Exchanges Division, Washington, D.C.**  
Sustainable agriculture and conservation specialist focused on development, implementation, and evaluation of international technical assistance projects, seminars, and study tours to promote international peace processes, agricultural and natural resources conservation technologies in developing countries, and responsible expansion of U.S. export markets. Travel abroad extensively to engage in international negotiations and program coordination and implementation. Manage complex intra-agency and inter-agency logistics in the U.S. and abroad. Coordinate with other USDA representatives, other U.S. government agencies, U.S. organizations, foreign counterparts, and university representatives. Create and design new initiatives. Negotiate contracts, grants, and agreements. Develop and monitor project budgets. Devise problem-solving strategies. Prepare and edit proposals, reports, and promotional materials.

- May 1999-  
Aug 1999**      **Volunteer Training Coordinator, Nueva Esperanza, Tegucigalpa, Honduras,**  
Responsibilities included coordinating disaster relief efforts of three large "short-term" volunteer groups from the United States, including all training, logistics, materials, and support, on a sanitation and primary education project. Initiated proceedings to establish legal not-for-profit organizational status for both Honduras and the United States, including formation of boards and committees.
- Aug 1998-  
May 1999**      **Research Assistant, Federation of American Scientists, Washington, D.C.**  
Served as staff expert on development and military/conflict affairs. Participated in forming U.S. Small Arms Working Group to examine proliferation of light weapons. Organized Small Arms/Light Weapons conference session on Small Arms/ Light Weapons and Development and Humanitarian Relief Issues. Other responsibilities included consultation, writing and editing for newsletters, research and research support for the Arms Sales Monitoring Project. Attended hearings, presented lectures and short presentations, and tracked legislation, executive policy, and international initiatives related to light weapons systems. Gained experience in national media appearances on CNN, CBC, and various national radio outlets.
- May 1998-  
Aug 1998**      **Research Intern, Foreign Affairs/National Defense Div., Library of Congress, Congressional Research Service, Washington, D.C.**  
Responsibilities included research and research support, tracking legislation, executive policy and international initiatives on the encryption debate related to foreign intelligence; researched U.S. encryption policy and practice as it related to foreign intelligence practices; located Congressional, Department of Defense, and other government documents; attended hearings.

## PUBLICATIONS

### *Peer Reviewed Journal Articles*

#### *Published*

- **Tidball, KG** & ME Krasny. 2011. [Toward an Ecology of Environmental Education and Learning](#). *Ecosphere*, 2(2):Article 21.
- **Tidball, KG** & ME Krasny. 2010. [Urban Environmental Education from a Social-Ecological Perspective: Conceptual Framework](#). *Cities and the Environment*, 3:1, Article 11.
- **Tidball, KG**. 2010. Greening in the Red Zone: Green Space and Disaster Resistance, Recovery and Resilience. *Anthropology News*, Commentary, Volume 51, Issue 7.
- Alfsen C, L Dickinson, **K Tidball**, V Galoumian, & M Navarro. 2010. The URBIS Partnership Proposal for a Global Urban Designation. *Policy Matters*, 17: 41-45.
- **Tidball, KG**, ME Krasny, E Svendsen, L Campbell, & K Helphand. 2010. Stewardship, Learning, and Memory in Disaster Resilience. "Resilience in Social-Ecological Systems: the Role of Learning and Education," Special Issue of *Environmental Education Research*, 16(5): 341-357.
- Sriskandarajah, N, **K Tidball**, A Wals, C Blackmore & R Bawden. 2010. Resilience in learning systems: case studies in university education. "Resilience in Social-Ecological Systems: the Role of Learning and Education," Special Issue of *Environmental Education Research*, 16(5).
- Shava, S, M Krasny, **K Tidball**, and R O'Donoghue. 2010. Local knowledges as a source of community resilience. "Resilience in Social-Ecological Systems: the Role of Learning and Education," Special Issue of *Environmental Education Research*, 16(5):

325–339.

- Krasny, ME, and **KG Tidball**. 2010. [Civic Ecology: A Social-ecological systems view of education in cities](#), *Journal of Extension*, 48(1).
- Krasny, ME, **KG Tidball**, and N Sriskandarajah. 2009. [Education and Resilience: Social and Situated Learning Among University and Secondary Students](#), *Ecology and Society*, 14(2):38.
- Krasny, ME and **KG Tidball**. 2009. [Community gardens as context for science, stewardship and advocacy learning](#). *Cities and the Environment*. 2(1): article 8, 18 pp.
- Krasny, ME and **KG Tidball**. 2009. [Applying a Resilience Systems Framework to Urban Environmental Education](#). *Environmental Education Research*, 15: 465- 482.
- **Tidball, KG** and CP Toumey. 2007. [Serpents, Sainthood, and Celebrity: Symbolic and Ritual Tensions in Appalachian Pentecostal Serpent Handling](#). *Journal of Religion and Popular Culture*, Fall.
- Liddicoat, KP, JW Simon, ME Krasny, and **KG Tidball**. 2007. [Sharing Programs across Cultures: Lessons Learned from Garden Mosaics in South Africa](#). *Children, Youth, and Environments*, 17 (4).
- Weinstein, ED and **KG Tidball**. 2007. [Environment Shaping: an Alternative Approach to Development and Aid](#). *Journal of Intervention and Statebuilding*, Vol. 1, Issue 1.

#### *Accepted or In Press*

- **Tidball, KG** & Elon D. Weinstein. 2011. Applying the Environment Shaping Methodology: Conceptual and Practical Challenges. *Journal of Intervention and Statebuilding*, 5(4).

#### *Submitted or Under Review*

- **KG Tidball**. Urgent Biophilia: Human-Nature interactions as a source of resilience. Submitted to *Ecology and Society*.
- Navarro, M. & **KG Tidball**. Challenges of biodiversity education: A review of education strategies for conserving biodiversity. Submitted to: *International Electronic Journal of Environmental Education*.
- Ranara, J., Liljeros, F., Nagendra, H., **Tidball, K** and Elmqvist, T. The social-ecological value matrix: A Conceptual Framework and Tool for Capturing Non-Monetary Values in Landscape Design and Management. Submitted to *Ecological Economics*.
- Krasny, ME and **KG Tidball**. Civic Ecology: A pathway for Earth Stewardship in cities. Submitted to *Frontiers in the Ecology and the Environment*.

#### *In Preparation*

- **Tidball, KG** and ME Krasny. Recognizing a Role for Citizen Science in Disaster and Conflict Recovery. *Disasters: Journal of Disaster Studies, Policy, and Management*. In preparation for resubmission.
- **Tidball, KG**, M. Tidball and P. Curtis. Extending the Locavore Movement to Wild Fish and Game: The Seneca Wild Harvest Table Extension Program. In preparation for submission to: *Journal of Natural Resources and Life Sciences Education*.

*Books Authored or Edited & Book Chapters**Books or Chapters Published*

- **Tidball, KG**, K Helphand, E Svendsen, and L Campbell. ( 2011). “Stewardship, Memory, and Learning in Disaster Resilience” in Krasny, M, Plummer, R, and Lundholm, C. (editors), *Resilience in Social-Ecological Systems: the Role of Learning and Education*. Taylor and Francis, London.
- **Tidball, KG** and M E Krasny. 2007. “From Risk to Resilience: What Role for Community Greening and Civic Ecology in Cities?” in Wals, Arjen (editor), *Social Learning: Towards a more Sustainable World*, Wageningen Academic Publishers, Wageningen, The Netherlands.
- **Tidball, KG** and CP Toumey. 2003. “Signifying Serpents: Hermeneutic Change in Appalachian Pentecostal Serpent Handling,” in Ray, Celeste and Luke Eric Lassiter (editors), *Signifying Serpents and Mardi Gras Runners: Representing Identity in Selected Souths*, University of Georgia Press, Athens, Georgia.
- **Tidball, KG**. 2000. “Untangling the Web We Weave: Interagency Issues in International Development Project Management,” in Buzzard, Shirley (editor), *Managing International Development Projects: A Practitioners View*, Corcom, Washington, DC.

*Books or Chapters Accepted or in Press*

- **Tidball, KG** and ME Krasny, (In press, expected in 2011). “Civic Ecology, resilience, and citizen science in disaster zones” in Janis Dickinson and Rick Bonny (editors) *Citizen Science: Public Collaboration in Environmental Research*, Cornell University Press.
- Krasny ME and **KG Tidball**, (Accepted, expected in 2011). Civic Ecology: a social-ecological resilience perspective on environmental education as a practice and system. In Russell, Dillon, Breunig Eds., *Environmental Education Reader*.
- **Tidball, KG** and ME Krasny, Editors. (Expected in 2011). *Greening in the Red Zone: Disaster, Resilience and Community Greening*. Springer-Verlag, Netherlands.
- **Tidball, KG** (Expected in 2011). Urgent Biophilia: Human-Nature interactions in Red Zone Recovery and Resilience. In: Tidball and Krasny, Eds., *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer publishing.
- Krasny, ME, KH Pace, **KG Tidball**, and K Helphand. (Expected in 2011). Nature Engagement to Foster Resilience in Military Communities. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening..* Springer-Verlag, Netherlands.
- **Tidball, KG** and ME Krasny (Expected in 2011). From Risk to Resilience: Expanding the Role of Community Greening and Civic Ecology in Urban Stability, Security, Transition and Reconstruction Contexts. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening..* Springer-Verlag.
- **Tidball, KG** and ME Krasny (Expected in 2011). Introduction. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer-Verlag.
- McPherson, P. T. and **KG Tidball** (Expected in 2012). Disturbances in Urban Social-Ecological Systems: Niche Opportunities for Environmental Education. In ME Krasny and J Dillon, eds. *Trans-disciplinary Perspectives in Environmental Education*. Peter Lang Publishing.

*Books or Chapters Proposed or Under Contract*

- **Tidball, KG** and RC Stedman, (Under contract, expected in 2011). “Positive Dependency: Ecological Sense of Self, Ecological Sense of Place, and Resilience in Urban Social-Ecological Systems” in Stephan Barthel and Johan Colding (editors) *Exploring ecosystem services in cities through the lens of resilience*, Island Press.
- **Tidball, KG** and P. Curtis, (Under contract, expected in 2011). “Civic Ecology and Wildlife Conservation’s Contribution to Quality of Life and Human Well-being” in Alex Michalos and Lisa Chase (editors) *Encyclopedia of Quality of Life Research*, Springer.
- Krasny, ME and **KG Tidball**. *Civic Ecology*. Under development.
- SR Kellert and **Tidball, KG**. *Biophilia and the Chase: Explorations in Hunting, Angling, and Affinity with Nature*. Under development.

*Extension and Outreach Publications*

- Alfsen, C, L. Dickinson, and **KG Tidball**. 2010. [The URBIS Partnership Proposal for Global Designation](#). *Cities and the Environment*, Vol 3, Issue 1.
- **Tidball, KG**, PJ Kleinman, and H Lambert. 2010. Balancing Conservation and Agriculture Production Priorities: The Canoga Creek Farm Project. *Cayuga Lake Watershed Network News*, Issue 1.
- **Tidball, KG**, ME Krasny and A Kudryavtsev. 2010. Civic Ecology Lab website. [www.civicecology.org](http://www.civicecology.org)
- **Tidball, KG**, ME Krasny, and K Faurest, Eds. 2009. [The Case for a Community Greening Research Agenda](#). *Community Greening Review- Special Issue on Community Greening Research*, American Community Gardening Association. Columbus OH. 64 pp.
- Al-Jiburi, F, L Campbell, C Fragola, J Lu, ME Krasny, G Lovasi, D Maddox, S McDonnell, T McPherson, F Montalto, A Newman, E Pehek, R Rae, M Shane, R Stedman, E Svendsen, **KG Tidball**, L Westphal, and T Whitlow. 2009. [MillionTreesNYC: Green infrastructure and urban ecology: Building a research agenda](#). NYC Parks & Recreation. NYC, NY. December. 44 pp.
- **Tidball, KG**. 2009. “[Trees and Rebirth: Urban Community Forestry in Post-Katrina Resilience](#),” *Regeneration: The Newsletter of the Community Forestry & Environmental Research Partners Program*, Vol. 9, 1. University of California, Berkeley. Winter.
- Tidball, MM and **KG Tidball**. 2009 Seneca CCE Wild Harvest Table website. <http://senecawildharvest.blogspot.com/>
- **Tidball, KG**. 2007. “[Birds in Community Gardens](#),” *BirdScope*, Winter, Vol. 21, No. 1, pg 11, 2007. Cornell Laboratory of Ornithology.
- **Tidball, KG**. 2007. “[Urban Environments: Service Learning Towards Urban Sustainability](#),” *Extending our Reach: Voices of Service Learning at Cornell*, Faculty Fellows in Service, Cornell University, Fall.
- **Tidball, KG** and ME Krasny. 2006. “[Creating Garden Mosaics, Piece by Piece](#),” *Cornell Plantations Magazine*, Summer/Fall, pp 6-11.
- Krasny, ME, **Tidball, KG** and D Hoard, 2006. [Global Science Encounters Agrobiodiversity interactive DVD](#). Photosynthesis Productions. Ithaca, NY.
- Krasny, ME, R Doyle, **K Tidball**, and the Garden Mosaics Leadership Team. 2005. *Garden Mosaics Program Manual*. Cornell University Department of Natural Resources.

- 256 pp.
- Krasny, ME, **KG Tidball**, and D Hoard. 2004. *Garden Mosaics Interactive DVD for Educators*. Photosynthesis Productions. Ithaca, NY.
  - Krasny, ME, **KG Tidball**, and D Hoard. 2004. *Garden Mosaics Promotional DVD*. Photosynthesis Productions. Ithaca, NY.
  - Krasny, ME, **KG Tidball**, R Doyle, and N Najarian. 2003/06. *Garden Mosaics Website*. <http://www.gardenmosaics.org> .
  - **Tidball, KG**. 2001. *TEACH US Promotional Video*. Richardson Productions Studios, Washington, DC.
  - **Tidball, KG**. 2000. "Teaching Educators Agriculture and Conservation Holistically for Urban Society (TEACH US)" United States Department of Agriculture, Foreign Agriculture Service. <http://www.fas.usda.gov/rsed/teach-us/teachus.html> .
  - **Tidball, KG**. 1999. "U.S. International Security Assistance Education and Training" Federation of American Scientists Arms Sales Monitoring Project <http://fas.org/asmp/campaigns/training.html> .
  - Ferguson, CF and **KG Tidball**. 1999. "Man-Overboard Signaling Technology Can Save Lives." Commentary published in *U.S. Naval Institute Proceedings*, 1999.
  - **Tidball, KG**. 1999. "Tracking Small Arms with Radio Tags," *Arms Sales Monitor*, No. 41, October.
  - **Tidball, KG**. 1999. "U.S. Foreign Military Training: Training Transparency?" *Arms Sales Monitor*, No.40, May.
  - **Tidball, KG**. 1999. "Middle East Arms Proliferation: Cohen's Door to Door Sales," *Arms Sales Monitor*, No. 40, May.
  - **Tidball, KG**. 1999. "Counter-Narcotics Aid: Throwing Arms at the Problem," *Arms Sales Monitor*, No.39, February.
  - **Tidball, KG**. 1998. "Fanning the Flames in the Middle East," *Arms Sales Monitor*, No. 38, November.

#### *Research and Extension Papers with Published Abstracts*

- **Tidball, KG**. 2011. Greening in the Red Zone: Human-Nature Interactions as a Part of Sustainable Reconstruction in Japan. Presented at *Building Sustainable Societies through Reconstruction: working with the International Community for Regenerating Japan*, Global Environmental Action Conference, Tokyo, Japan. October 2011.
- **Tidball, KG**. 2011. Urgent Biophilia: Human –Nature Interactions in Red Zone Recovery and Resilience. Presented at *Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
- **Tidball, K**, M Krasny, E Svendsen, L Campbell, and K Helphand. 2011. "Stewardship, Learning, and Memory in Disaster Resilience." Presented at *Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
- **Tidball, KG** and E Weinstein. 2011. Applying the Environment Shaping Methodology: Conceptual and Practical Challenges to Resilience Assessments. Presented at *COMPDYN 2011 3<sup>rd</sup> ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering*, Corfus, Greece. May 2011.
- **Tidball, KG**. 2010. Resilience in climate change, biodiversity, ecosystems and urban disaster. Presented as part of Session 2: Linking Climate Change and Biodiversity at the Local Level of the *City Biodiversity Summit 2010, 10<sup>th</sup> Conference of the Parties to the*

- Convention on Biodiversity*. Nagoya City, Aichi Prefecture, Japan. October 24-26, 2010.
- Navarro, M & **KG Tidball**. 2010. Challenges of biodiversity education: A review of education strategies for conserving biodiversity. North American Association for Environmental Education Annual Conference, Buffalo, NY Sept., 2010.
  - **Tidball, KG** and TB Lauber. 2010. Environmental Education and Development of an Urban Land Ethic: Benefits for People and Landscapes. North American Association for Environmental Education Research Symposium, Buffalo, NY Sept 27-29, 2010.
  - Alfsen, C, L Dickinson, & **KG Tidball**. 2010. [The URBIS Partnerships Proposal for Global Designation](#). Presented at World Urban Forum, Brazil, March.
  - Krasny, ME and **KG Tidball**. 2010. "Urban Environmental Education from a Social-ecological Perspective," presentation at MillionTrees NYC Research Symposium, New York, NY, March.
  - **Tidball, KG**. 2009. ["Trees and Re-birth: Resilience, Ritual, and Symbol in Community-based Urban Reforestation Recovery Efforts in Post-Katrina New Orleans,"](#) Paper presentation at the American Anthropological Association's Annual Meeting, Philadelphia, PA, December.
  - **Tidball, KG**, & J Fahr. 2009. [Trees, Rebirth, and Resilience: A Case Study of the Role of Trees and Community Forestry in Recovery and Resilience Across Scales in Post-Katrina New Orleans](#). Presented at *Community Forestry and Environmental Research Fellows Workshop*, Penn Center, St. Helena Island, SC, Sept.
  - Tidball, MM & **KG Tidball**. 2009. ["Exploring Fish and Game as a Component of Local Food Systems: Seneca County CCE's Wild Harvest Table Project."](#) Presented at *Enhancing Local and Regional Food Systems: Exploring the Research, What Works, and What We Need to Learn* workshop, Hudson Valley Resort, Kerhonkson, NY, May.
  - Krasny, ME & **KG Tidball**. 2009. "Social-Ecological System Resilience: Role for Environmental Education." Paper presentation at the *World Environmental Education Congress, Montreal, Canada, May*.
  - **Tidball, KG** & ME Krasny. 2009. ["Towards an Ecology of Environmental Education: Feedback Loops, Environmental Education, and Resilience."](#) Paper presentation at the *World Environmental Education Congress, Montreal, Canada, May*.
  - **Tidball, KG** & J Fahr. 2008. ["Trees and Rebirth: An Urban Forestry Community of Practice in New Orleans Disaster Recovery,"](#) presented at *Community Forestry and Environmental Research Fellows Workshop*, Craftsbury Outdoor Center, Craftsbury Common, Vermont, September.
  - **Tidball, KG** & Marianne Krasny. 2008. ["Rethinking Peace Parks as Social-Ecological Systems: "Environmental Peacemaking" and Resilience."](#) Paper presentation at the *93<sup>rd</sup> Meeting of the Ecological Society of America, Milwaukee, WI, Aug 3-8*.
  - Stedman, RC & **KG Tidball**. 2008. ["Addiction or Trust, Vulnerability or Confidence? Expanding the Concept of "Dependence" in the Studies of Resource Dependent Communities."](#) Paper presentation at meetings of the *Rural Sociological Society, Manchester, NH July*.
  - **Tidball, KG** & ME Krasny. 2008. ["Raising Urban Resilience: Community Forestry and Greening in Urban Post-Disaster and Post-Conflict Contexts."](#) Paper presentation at meetings of the *Resilience Alliance, "Resilience 2008," Stockholm, Sweden: April*.
  - **Tidball, KG**. 2008. ["Urban Environments: A Service Learning Course in NYC to Foster Urban SES Resilience."](#) Paper presentation and workshop at meetings of the *Resilience Alliance, "Resilience 2008," Stockholm, Sweden: April*.
  - Krasny, ME, **KG Tidball**, S Sterling, and N Sriskandarajah. 2008. Application of resilience theory to education for sustainable development. *Resilience, Adaptation and Transformation in Turbulent Times, Resilience Alliance Conference, Stockholm Sweden*,

April.

- Krasny, ME & **KG Tidball**. 2008. “Civic Ecology Education: Building social and natural capital through learning.” *Paper presentation at meetings of the Resilience Alliance, “Resilience 2008,” Stockholm, Sweden: April.*
- Krasny, ME and **KG Tidball**. 2008. “[Systems Theory in Environmental Education: Participation, Self-organization, and Community Interactions.](#)” *American Educational Research Association*. NYC, NY.
- Krasny, ME & **KG Tidball**. 2007. “[Civic Ecology Education.](#)” *Paper presentation at meetings of the North American Association for Environmental Education, Virginia Beach VA, November.*
- **Tidball, KG**. 2007. “[Community Forestry in NOLA Disaster Recovery](#)” presented at *Community Forestry Research Fellows Workshop, Land Between the Lakes National Recreation Area, Kentucky, September.*
- Krasny, ME, & **KG Tidball** 2007. “[Civic Ecology Education: A Systems Approach to Resilience and Learning.](#)” *Paper presentation at the World Environmental Education Congress, Durban, South Africa: July.*
- **Tidball, KG** and ME Krasny. 2007. “[Civic Ecology](#)” presented at *Cornell Alumni Weekend Giving Society Reception*. May.
- **Tidball, KG**. 2006. “Community Greening in New Orleans: Seeing the Past, and the Promise of the Future,” presentation at the *American Community Garden Association Annual Conference, Los Angeles, CA: August.*
- **Tidball, KG**. 2006. “Urban Community Greening and Community Resilience,” presentation at the *Cornell University Dept. of Natural Resources Graduate Student Association 2006 Symposium, Ithaca, NY: January 18.*
- Shirk, J, A Kudryavtsev, H Shayler, **K Tidball**, and M Krasny. 2006. “Accomplishing Science, Participation, Education, and Civics Together: Cornell Scientists/Educators Collaborate to Define an Agenda for Informed Environmental Action” presented at Cornell University, Department of Natural Resources *Graduate Student Association Symposium: Integrating applied ecology and resource policy*. February.
- Krasny, ME, R O’ Donoghue, & **KG Tidball**. 2005. “[Local and Indigenous knowledge in urban environmental education in the US and South Africa.](#)” *Paper presented at the annual meeting of The North American Association for Environmental Education, Oct 24.*
- Ferenz, G, M Krasny, and **K Tidball**. 2005. “Connecting Community with Garden Mosaics” presented at the *American Association of Botanical Gardens and Arboreta 2005 Conference: Rooted in Community*. Chicago, June 30.
- **Tidball, KG**. 2005. “Toward a Natural Resource Intervention: Community Greening as a First Response Tool for Post-Crisis in Urban Contexts” presentation at the *Cornell University Dept. of Natural Resources Graduate Student Association 2005 Symposium*, January.
- Krasny, ME, **KG Tidball**, L Pohl-Kosbau, and A Berkowitz. 2004. [Exploring Urban Ecology Through Community Gardens](#). Presentation/workshop at *Ecological Society of America Annual Conference*. Portland, Oregon. August 1.
- Krasny, ME, **K Tidball**, M Cox, G Daniel, L Librizzi, D Stahl, A Wasescha, and J Whitehead. 2003. “Garden Mosaics.” *American Community Garden Association Annual Conference: Chicago, IL.*
- Krasny, ME, **K Tidball**, M Cox, G Daniel, L Librizzi, D Stahl, A Wasescha, and J Whitehead. “Garden Mosaics.” *Cultural Connections for the School Garden*. Chicago, IL. 2003.
- **Tidball, KG** and ME Krasny. 2003. “Garden Mosaics: a unique citizen science project.”

*Association of Botanical Gardens and Arboreta Annual Conference, Boston, MA.*

- **Tidball, KG** and ME Krasny. 2003. "Garden Mosaics: Intergenerational Learning in Gardens." *Generations United Annual Conference, Arlington, VA.*
- **Tidball, KG.** 2002. "Media Portrayals of Appalachian Pentecostal Serpent-handling." *Paper presented at the Annual Meeting of the Southern Anthropological Society, Asheville, North Carolina, April.*
- **Tidball, KG.** 2001. "New Observations on Appalachian Pentecostal Serpent Handling." *Paper presented at the Annual Meeting of the Southern Anthropological Society, Nashville, Tennessee, April.*
- **Tidball, KG.** 1997. "Media Sensationalization, Shifting Symbols, and Serpent-handling in Appalachia." *Paper presented at the Appalachian Studies Conference, Cincinnati, Ohio, March.*

### **Keynote, Guest Speaker and Other Invited Research and Extension Presentations**

- **Tidball, KG.** 2011. Recovery and Resilience in the Aftermath of Disasters: Greening in the Red Zone. Presented at conference on *Global Citizenship: Social and Environmental Justice*. Hobart and William Smith Colleges, Fisher Center. Geneva, NY. November 2011.
- **Tidball, KG** and RC Stedman. 2011. Positive Dependency: Ecological Sense of Self, Ecological Sense of Place, and Resilience in Urban Social-Ecological Systems. Presented at pre-conference workshop, *Exploring Ecosystem Services in Cities Through the Lens of Resilience. Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
- **Tidball, KG.** 2011. The Civic Ecology Lab: A Social-Ecological Approach to Urban Research. Presented at pre-conference workshop, *Urban Social-Ecological Research - Developing Understanding of Resilience and Transformations. Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
- **Tidball, KG** and F. DiSalvo. 2010. Cornell Center for a Sustainable Future. Presented at: *Future Sustainable Campuses Seminar*, a side event of the *World Expo 2010* sponsored by the Swedish Institute and Tongji University Shanghai, China, October.
- **Tidball, K,** M Krasny, E Svendsen, L Campbell, and K Helphand. 2010. "Stewardship, Learning, and Memory in Disaster Resilience," invited presentation at Stockholm Resilience Center, Stockholm, Sweden, March.
- **Tidball, KG.** 2009. "Using Social Network Analysis in Post-disaster Urban Reforestation Projects," invited presentation at *Using Social Network Analysis in Urban Social Ecological Studies*, Stockholm University Resilience Center & Cape Town University African Centre for Cities, Cape Town South Africa, October.
- **Tidball, KG.** 2009. "Synthesizing an Interdisciplinary Research Agenda," invited presentation at *Million Trees NYC, Green Infrastructure, and Urban Ecology: Building a Research Agenda* workshop, New York, NY, May.
- **Tidball, KG.** 2008. "[Civic Ecology for Greener Communities](#)," invited presentation at the *Achieving Greener Communities Through Civic, Private, and Government Sector Innovations* conference, a one-day conference of the Rural Learning Network of Central and Western New York. Mt. Morris, NY: October.
- **Tidball, KG.** 2008. "[Civic Ecology: Resilience Thinking in Urban Social-Ecological Systems](#)," invited presentation at the *8<sup>th</sup> Annual Symposium on Environmental and Energy Systems, "Creating Resilience in Sustainable Communities*," Syracuse, NY: September.

- **Tidball, KG.** 2008. “[Bringing People Back in: Civic Ecology in Urban Social-Ecological Systems](#),” invited presentation at the *Summer Joint Session of the Northeast Agricultural Experiment Station and Cooperative Extension Directors, and the Council for Agricultural Research, Extension, and Teaching (CARET) Delegate*, Washington, DC: July.
- **Tidball, KG.** 2007. “Urban Environments: Civic Ecology Through Service Learning in New York City,” invited presentation at Cornell Public Service Center’s annual *Faculty Fellows in Service University-Community Partnership Conference*, Ithaca, NY: April 26.
- **Tidball, KG.** 2007. “Civic Ecology: Growing Neighborhood Leaders,” invited keynote address at the *Ohio Community Gardening Conference*, Columbus, OH: March 16.
- **Tidball, KG.** 2003. “Understanding the ‘Region’ in Regional Economic Development: A Finger Lakes Perspective” invited presentation at *Atlantic Corridor Irish Exchange Conference*, New York State Agricultural Experiment Station, Cornell University, Geneva, New York, July 9.
- **Tidball, KG.** 1999. “The United Nations and Humanitarian Assistance: Coordination Challenges,” invited presentation at the *Visions in Action: Working for Global Justice Conference*, American University, Washington, D.C., March.
- **Tidball, KG.** 1998. “Media Constructs of a Serpent-handling Community: Shifts in Symbols, Rituals, and Roles,” presentation at the *National Conference on Undergraduate Research*, Salisbury State University, Salisbury, Maryland, April.

#### *Academic Theses*

- **Tidball, KG.** 2000. *Addressing and Mitigating the Urban “Anti-Ag” Bias: The TEACH US Program*, M.A. Thesis, The George Washington University, Elliott School Of International Affairs.
- **Tidball, KG.** 1998. *Media Constructs of a Serpent-Handling Community: Shifts in Symbol, Ritual, and Roles*. B.A Senior Honors Thesis, University of Kentucky.

#### *Extension Reports, Briefings and White Papers*

- **Tidball, K,** E Weinstein, S Kaisler, R Grossman-Vermaas, and S Tousley. 2008. “[Stakeholder Asset-Based Planning Environment](#)” *DOD/OSD 2007 STTR TOPIC 003 Final Technical Report*, May.
- **Tidball, KG.** 2008. “[Trees and Rebirth: Urban Community Forestry in Post-Katrina Resilience](#),” *Community Forestry and Environmental Research Fellows Program Pre-dissertation fellowship Final Report*, 2008.
- **Tidball, KG,** C Kramer-LeBlanc, and S Wolfe. 2002. “TEACH US- Teaching Educators Agriculture and Conservation Holistically for Urban Society,” *World Summit on Sustainable Development USDA Background Paper*, USDA/FAS/ICD/RSED, Johannesburg, South Africa, August 26.
- **Tidball, KG.** 2001. “ICD/RSED Scientific Cooperation in Agriculture with Spain,” USDA/FAS/ICD/RSED Briefing Paper, April 26.
- **Tidball, KG.** 2000. “The U.S. Ireland Cooperation Program in Agriculture, Science, and Technology,” USDA/FAS/ICD/RSED Briefing Paper, March 9.
- **Tidball, KG** and RA Best, Jr. 1998. “[The Encryption Debate: Intelligence Aspects](#),” *CRS Report for Congress*, Congressional Research Service, Library of Congress, Washington, D.C., November.

*Extension Facilitated Workshops and Meetings*

- **Tidball, KG** and B. Lauber. 2011. Urban Environmental Education and the Urban Land Ethic. Workshop at the US Forest Service Urban Field Station in New York City. March 2, 2011. 11 participants.
- **Tidball, KG** (Lead facilitator). 2010. [Towards a Participatory Ecosystem Approach to Urban Planning](#). UNESCO Side Event at the 10th City Biodiversity Summit at the Tenth Conference of the Parties (COP10) Aichi-Nagoya, October, 2010. 25 participants.
- **Tidball, KG** (Lead facilitator). 2009. “Issues of Scale: Scale Mismatch and Research Approaches in New York City’s Million Trees Program,” *Million Trees NYC, Green Infrastructure, and Urban Ecology: Building a Research Agenda* workshop, New York, NY, May. 15 participants.
- **Tidball, KG** and ME Krasny, “Local vs. Global Environmental Education: Approaches emerging from ‘spaces-in-between’” presentation at the *World Environmental Education Congress*, Durban, South Africa: July 2007. 21 participants.
- **Tidball, KG**, ME Krasny. 2004. “Garden Mosaics: Growing Across Cultures.” Workshop at *American Community Garden Association Annual Conference: Toronto*, September 30.

*Extension Outreach: Opinion-Editorials and Letters-to-the-Editor*

- **Tidball, KG**. 2006. “Volunteers made plan for Fayette, Varick a reality,” Letter to the Editor, *Finger Lakes Times*, January 29, pg 2D.
- **Tidball, KG**. 2005. “Give thanks, and keep planning,” Guest Appearance, *Finger Lakes Times*, March 14, 2005, pg 6.
- **Tidball, KG**. 2003. “The farm is a sanctuary,” Guest Appearance, *Finger Lakes Times*, February 24, pg 4A.
- **Tidball, KG**. 2002. “The bluster behind the biotech debate,” Letter to the Editor, *Canandaigua Daily Messenger*, November 25, pg 5A.
- **Tidball, KG**. 2002. “Barn preservation part of N.Y. charm,” Letter to the Editor, *Rochester Democrat and Chronicle*, October 30, pg 2F.
- **Tidball, KG**. 1999. “[Arming Kosovo Rebels is Not the Solution to the Balkan Crisis](#),” Letter to the Editor, *Washington Times*, April 26, pg A20.

*Extension Outreach: City and Regional Planning Products*

- “[Town of Fayette Land Use Regulations](#)” Keith G. Tidball & Stuart Brown & Associates, 2008.
- “Mobilizing the Community to Integrate Ecology, Open Space Resources, and Disaster Resistance in a Post-Katrina 9th Ward” suite of planning studies, analysis, and recommendations. Keith G. Tidball, Daniel Pearlstein, Carol Slawson, Elizabeth Seward, George Frantz, and Ole M. Amundsen III, 2006. (<http://www.crp.cornell.edu/outreach/nopi/> or <http://www.sci-links.com/nola.html>),
- “Towns of Fayette & Varick Comprehensive Plan.” Keith G. Tidball, Thomas Bjorkman, and Stuart Brown and Associates, 2005 (<http://www.sci-links.com/planning.html>).

*Extension Outreach: Media Appearances, Presentations and Products**Media Appearances, Citations, and Quotations*

- Featured and interviewed on Cornell CHE blog “Evidence-based Living” <http://evidencebasedliving.human.cornell.edu/2011/07/serious-business-the-evidence-on-heat-waves/> July, 2011.
- Featured and interviewed on CCE website for story on military families and resilience. <http://cce.cornell.edu/FeatureStorys/Pages/CCEHelpsSoldiersandFamilies.aspx> . July, 2011.
- Featured and interviewed on CCE100 blog (Cornell Cooperative Extension Centennial-<http://www.cce100.com/>) “New coordinator brings fresh ideas to disaster response in NYS, hopes to learn from Japan crisis.” May, 2011.
- Featured on Stockholm Resilience Center multi-media website videos “What is community-based natural resource management?” and “How can community-based natural resource management help build resilience to perturbed urban areas?,” October 2010.
- Interviewed for Cornell University *Cornell Chronicle*, “CU scientists help NYC plant and care for 1 million trees,” March 9, 2010.
- Report on New Orleans reforestation research, *The Canopy*, a publication of the Louisiana Urban Forestry Council, “Study says trees more than just symbol of resilience,” Summer, 2009, 18 (1).
- Interviewed for Cornell University *CALS News* magazine, “CALS Fights for Urban Well-being,” Spring 2009.
- Interviewed for local NPR station, “Snake Handling Comes Under Scrutiny.” 89.3 FM WFPL News Louisville, KY. 2008.
- Report and quotes on Syracuse.com regarding [talk at Syracuse Center of Excellence symposium, "Creating Resilience in Sustainable Communities,"](#) September, 2008.
- Interviewed for radio and television news media as a security analyst with the Federation of American Scientists. Interview appearances include BBC TV and Radio, CBC Television, Swiss Broadcasting Corporation, and others.

*Photo Credits*

- Young girl with duck limits and yellow lab. Cover of *Fall 2011 Meeting of the Wildlife and Hunting Heritage Conservation Council* program. November 15<sup>th</sup> & 16<sup>th</sup>, 2011. Main Interior Building 1849 C Street NW, Room 5160 Washington, D.C.
- Mother and daughter squirrel hunting. Cover of *Winter 2011 Meeting of the Wildlife and Hunting Heritage Conservation Council* program. February 14th and 15th, 2011. Main Interior Building 1849 C Street NW, Room 5160 Washington, D.C.
- Children planting trees in New Orleans. In *Weather-Proofing Your Landscape: A Homeowner's Guide to Protecting and Rescuing Your Plants*, Sandra Dark, 2011.
- Community Gardens in NYC. *Cornell Chronicle*, pg 7, April 27, 2006.
- Serpent Handler in Appalachia Church. Pg 174, In *Invitation to Anthropology*, LE Lassiter, 2002; AltaMira Press.

*Non-Academic Publications/Popular Press*

- Tidball, KG, 2009, *Steps: Still Standing in the Lower 9<sup>th</sup> Ward*. A photo collection in book form from a photo exhibit. Blurb Press.

- Tidball, KG, 2002. Northern Bites. *Sporting Tales*. Vol. 3 (4).

## TEACHING

### *Courses Taught*

- Cornell, Natural Resources 694 “Transdisciplinary Approaches to Environmental Challenges.” Fall 2008. With Dr. E. Mills & Dr. R. Stedman.
- Cornell, Natural Resources 494/694 “Urban Environments/Alternative Spring Break NYC.” Spring 2008.
- Cornell, City and Regional Planning 384/584 “Green Cities.” With Elan Shapiro, Fall 2007.
- Cornell, Natural Resources 490: “Urban Environments/Alternative Spring Break NYC.” Spring 2007.
- Cornell, Natural Resources 496: “Urban Environments/ Alternative Spring Break NYC.” Spring 2006.
- Cornell, Natural Resources 496: “Urban Environments/ Alternative Spring Break NYC.” With Dr. M. Krasny, Spring 2005.
- Cornell, Natural Resources 699: “Science Education for Civic Participation.” Team-taught with Dr. M. Krasny and Dr. Tania Schusler, Fall 2005.

### *Guest Lectures/ Directed Readings*

- “Cities and Biodiversity,” Columbia University, EEEB G9509, Ecology, Evolution and Environmental Biology Department (E3B), Graduate School of Arts and Sciences, 2010.
- “Urban Conservation Challenges,” Cornell University, CRP 689, Dept. of City & Regional Planning, *Strategic Conservation Planning*, Fall 2007.
- “Garden Mosaics and Plant-People Interactions,” Cornell University, HORT 235, Department of Horticulture, *Plants and Human Well-Being*, Spring 2005.
- "Information Security, Encryption and the Law: An Overview," invited guest lecture seminar talk given at the Communication, Culture, and Technology Center, Georgetown University, Washington, D.C., November 1998.

## RESEARCH & EXTENSION GRANTS

- 2012-2014 Shooting Sports as Civic Ecology Recreation: An Exploration and Expansion of Extension Activities that Promote Natural Resource Recreation for Resilient People, Communities, and Ecosystems (PI). *Smith-Lever* (\$94,946).
- 2012-2014 Returning Warriors: A Study of the Social-Ecological Benefits of Coming Home to Nature (PI, with Marianne Krasny Co-PI). *Smith-Lever & Hatch* (\$85,600).
- 2012-2014 Leveraging the Locavore Movement: Exploring Family and Community Food Decision-making from a Systems Perspective (Co-PI, with Paul Curtis PI) *Smith-Lever & Hatch* (\$90,129)
- 2010 Greening and Greenspace as Conflict Amelioration in a South African Informal Settlement. *Mario Einaudi Center for International Studies/ Cornell Institute for International Food and Development International Research Travel Grant* (\$1200).
- 2010 Greening and Greenspace as Conflict Amelioration in a South African Informal Settlement. *Cornell University Peace Studies Program Research Travel Grant* (\$500).
- 2009-2013 Managing Natural Resource Recreation for Resilient People, Communities, and Ecosystems. (Co-PI, with D Decker, M Krasny, and J Enck, co-PIs). *Hatch* (\$240,000).

- 2009 Urban Trees for Sustainable Cities: Workshop to Develop an Integrated Social-Ecological Sciences Research Agenda in New York City. (Co-PI, with Marianne Krasny, PI). *Cornell Center for a Sustainable Future Academic Venture Fund*. (\$38,000).
- 2008 Linking Watershed and Community Development Groups to Build Socio-Ecological Resilience in the Hudson River Watershed (Co-PI, with Richard Stedman, PI) *Hatch* (\$39,000).
- 2008 Environmental Education and the Development of an Urban Land Ethic – Benefits for People and Ecosystems (Co-PI, with Bruce Lauber, PI) *Smith-Lever & Hatch* (\$69,000).
- 2008 Military Families Project- “Defiant Gardens” (Co-PI, with Richard Halpin, Co-PI, and Marianne Krasny, PI) *Smith-Lever & Hatch* (\$102,000).
- 2008 Empowering land managers to increase resilience of New York's natural resources in the face of regional climate change (Collaborator, with Co-PIs R. L. Schneider, Shorna Broussard, Paul Curtis, and Peter Smallidge) *Smith-Lever & Hatch* (\$60,000).
- 2008 [Development of Systems Architecture for Stake-Holder Asset-Based Planning Environment](#) Phase 1 (Associate Investigator, with M Krasny and S Tousley co-PIs). *Department of Defense, Office of the Secretary of Defense, STTR* (\$100,210).
- 2007 [Urban Community Greening to Reduce Violent Conflict in Cape Town, South Africa](#). *Mario Einaudi Center for International Studies International Research Travel Grant* (\$1400).
- 2006-09 [Urban Community-Designed Green Spaces: Applying Common Values to Resolving Land Use Conflict](#). (PI with M Krasny, co-PI). *Smith-Lever & Hatch* (\$63,000).
- 2006-07 Design Principles for Interactive Digital Learning Tools- Agricultural Education and Business Applications in Central Upstate NY. (unofficial co-PI with M Krasny & D Hoard, PIs). *Metropolitan Development Association of Syracuse and Central NYS and PhotoSynthesis Productions, LLC*. (\$55,000).
- 2005 Garden Mosaics International Supplement (PI with M Krasny, co-PI). *NSF International Programs and Informal Science Education* (\$99,227).
- 2004 Garden Mosaics South Africa Planning Visit. (unofficial co-PI with M Krasny PI). *NSF International Programs and Informal Science Education* (\$6,000).

## AWARDS & HONORS

### *Fellowships*

- 2009 Cornell Center for a Sustainable Future Faculty Fellow
- 2008 Cornell Faculty Fellows-in-Service Fellowship “*Adding a Local Service Learning Component to the Urban Environment Course.*”
- 2008 Community Forestry and Environmental Research Partnerships Dissertation Fellowship “*Trees and Rebirth: Urban Community Forestry in Post-Katrina Resilience.*”
- 2007 Community Forestry Research Fellows Program Predissertation Fellowship “*Role of Community Forestry in NOLA, 9<sup>th</sup> Ward Disaster Recovery.*”
- 2006 Clinton Dewitt Smith Fellowship

### *Merit awards*

- [US Department of Agriculture National Unsung Hero](#) Award for design and implementation of [TEACH US](#) international agriculture education and extension program, 2002.
- US Department of Agriculture Certificate of Appreciation for leadership of [TEACH US](#) international agriculture education program to China, South Africa, and Ireland, 2001.
- US Department of Agriculture Certificate of Appreciation for leadership of DC Teacher’s Initiative South Africa expedition, 2000.

- US Department of Agriculture Certificate of Appreciation for DC Teacher's Program and Ireland Food Safety Conference, 2000.
- University of Kentucky Van Meter Award for Outstanding Public Service, Volunteerism, and Humanitarian Action, 1998.
- University of Kentucky Student Activities Board Award for designing, building, and implementing University wide multi-cultural and diversity education programs, 1998.
- Departmental Honors, Anthropology, University of Kentucky, Lexington, KY, 1998.
- Graduated magna cum laude, University of Kentucky, Lexington, KY, 1998.
- Phi Beta Kappa Essay Award, 1997.
- The Kentucky Military Academy [Erickson Trophy](#), for overall excellence presented to distinguished graduate attaining highest overall standing in leadership, academics and Commandant's evaluation, Kentucky Military Academy, 1993.
- National Guard Assoc. of Kentucky Award for Academic Excellence, Kentucky Military Academy, 1993.
- Army Achievement Medal, 1993.
- Kentucky Merit Ribbon, Second Award, 1993.
- Kentucky Merit Ribbon, 1993.
- National Defense Service Medal, 1991.
- Army Service Ribbon, 1989.

#### *Honor Societies*

- Omicron Delta Kappa Leadership Honor Society 1997-present
- Phi Beta Kappa Honor Society 1998-present

#### *Media awards*

- 2007 Horizon Interactive Awards, gold  
For *Global Science Encounters: Discovering Agricultural Biodiversity*
- 2007 Summit Creative Awards in Interactive Media, gold  
For *Global Science Encounters: Discovering Agricultural Biodiversity*
- 2007 Telly Awards, Silver  
For *Global Science Encounters: Discovering Agricultural Biodiversity* DVD
- 2006 54th Columbus International Film and Video Festival, honorable mention
- 2006 Daveys Gold Award in Interactive Multimedia, gold
- 2006 Millennium Award, Gold- For *Garden Mosaics* interactive DVD  
Silver- For *Global Science Encounters: Discovering Agricultural Biodiversity* DVD
- 2005 INTERCOM/Chicago International Film Festival, Gold Plaque  
For *Garden Mosaics*, interactive DVD, educational CD-ROM/DVD category.
- 2005 Columbus International Film and Video Festival (Chris Awards) Honorable Mention  
For *Garden Mosaics*, interactive DVD category. In addition, the print materials for the DVD (including cover art, informational enclosures, label design and poster) received a certificate of recognition.
- 2005 Telly Awards, Bronze Finalist. For *Garden Mosaics*, interactive media category.
- 2004, New York State Agricultural Society "Cap" Creal Journalism Award.

## PROFESSIONAL SERVICE

### *Reviewer/Referee*

July 2010 – present Editorial Board, *Journal of Ecology and Society*  
 (9/2011) Paper review- peer reviewed journal; *Society and Natural Resources*  
 (3/2011) Proposal review; 2011 Cornell Sigma Xi Grant Awards  
 (11/2010) Paper review-peer reviewed journal; *Cities and the Environment*  
 (8/2010) Paper review- peer reviewed journal; *Cities and the Environment*  
 (7/2010) Paper review- peer reviewed journal; *Environmental Politics*.  
 (2010) Proposal review; **Austrian Science Fund**, Austrian Foundation for Scientific Research  
 (2009) Paper review- peer reviewed journal; Special Issue of *Environmental Education Research*.  
 (2009) Proposal review; **Marsden Fund**, Royal Society of New Zealand

#### **Boards, Committees, etc.**

Aug 2003- Oct 2011 Board of Directors, Vice Chair, Cayuga Lake Watershed Network  
 Jan 2008 – Jan 2010 Committee, Seneca County Green Print  
 Jan 2006 -- Jan 2009 Board of Directors, American Community Garden Association

#### **LOCAL COMMUNITY/PUBLIC SERVICE**

Apr 2003 – present Vice-Chairman, Town of Fayette Planning Board  
 Sep 2003—Jan 2006 Chairman, Town of Fayette Comprehensive Plan Commission  
 Apr 2006—present Chairman, Town of Fayette Comprehensive Plan Implementation Task Force  
 Dec 2006 –Sept 2008 Chairman, Town of Fayette Zoning Commission  
 Oct 2004 – Oct 2008 Board of Directors, Seneca County Farm Bureau  
 Jan 2005—Jan 2006 New York State Farm Bureau Membership Committee member  
 Feb 2005—Jan 2011 Vice-Chair, Seneca County Agricultural Enhancement Board  
 Sept 2010 – present Seneca County Planning Board

#### **LANGUAGE PROFICIENCIES/FOREIGN COUNTRY WORK EXPERIENCE**

**Languages:** English, Spanish

**Countries:** Barbados, Canada, China, Costa Rica, Great Britain, Haiti, Honduras, India, Ireland, Italy, Japan, Mexico, Nicaragua, South Africa, Spain, Sweden, Swaziland, Zambia, Zimbabwe

#### **PROFESSIONAL SOCIETY AFFILIATIONS**

- \* Member, American Anthropological Association (Anthropology & Environment Section)
- \* Member, Association for Environmental Studies and Sciences
- \* Member, Ecological Society of America
- \* Member, Association of Natural Resources Extension Professionals
- \* Member, International Association for Society and Natural Resources

#### **COORDINATION & SYNERGISTIC ACTIVITIES**

- Positioned Cornell CALS, CCSF, DNR and CEL to experience large degree of visibility as experts and key planners for global efforts to promote urban sustainability and resilience through partnerships with the Stockholm Resilience Center and UNESCO NYC to lead high-level discussions at the World Expo in Shanghai in 2010 and the United Nations Conference of the Parties to the Convention on Biological Diversity's Tenth meeting in Nagoya, Aichi, Japan, 18-29 October 2010. This activity featured the unveiling before an international audience of the **URBIS Partnership Initiative**, a UNESCO sponsored designation process to recognize urban areas' efforts to engage in participatory and comprehensive social and ecological approaches in urban planning for sustainability. Facilitated a one day consultative process to reach agreement among

high levels representatives of IUCN, ICLEI, Secretariat of CBD, and UNESCO, as well as other municipal and NGO representatives, resulting in the URBIS Nagoya Declaration. Through this process, sustainable management practices will be developed and then cataloged for sharing and dissemination as part of a global knowledge network which will lead to a global urban biosphere designation. The declaration sets as a target the first of these urban biosphere designations to be awarded at the Rio +20 meetings in 2012.

- Developed New York City and New Orleans content for the **Urban Atlas Portal** project with Stockholm Resilience Center partners and New York City NGOs hosting Cornell DNR graduate students. The Urban Atlas Portal Project is collaboration between twelve cities around the world: Bangalore, Canberra, Cape Town, Chicago, Helsinki, Istanbul, New Delhi, New Orleans, New York City, Phoenix, Shanghai and Stockholm. The aim is to develop new tools for understanding the social-ecological capacities to provide access to and sustain ecosystem services. We address a common set of research questions, such as What are the effects of urban development and land use change on biodiversity and ecosystem service delivery?; and How are different socio economic groups affected by environmental changes in urban regions? The “Urban Atlas Portal” maps the spatial extent of selected ecosystem services and biodiversity and to what extent different socio-economic groups have access to these services. The Atlas visualizes data on land use /land cover, elevation, NDVI, green areas, biodiversity, ecological values, ecosystem services, and satellite images/aerial photos at different scales. The Atlas also includes temporal changes and provides guidelines for where in the urban landscape specific management interventions, protection, restoration or creation would be most needed from a public interest point of view.
- Hold active leadership role in forming and providing collaborative leadership for a subcommittee of the **New York City “Million Trees” initiative** (a part of PlaNYC) Research and Evaluation Committee to develop a research agenda for the Million Trees project. Through collaboration with many NYC natural resources and greening partners, and with funding secured from the Cornell Center for Sustainable Futures, an intensive workshop was conducted in May of 2009 which was attended by nearly one hundred researchers and practitioners. At the conclusion of this meeting, a draft **research agenda** had been written to guide future research on Million Trees NYC, as well as provide guidance for other city tree planting efforts. One year later, a national **Research Symposium** was held to share research and results about large scale urban reforestation projects, which included over 50 high quality presentations and over a hundred attendees.
- Responsible for program leadership of activities under the **Memorandum of Understanding for Scientific, Technological, and Economic Cooperation in Agriculture between USDA and Spain’s National Agriculture Research Institute**. Coordinated USDA/FAS/ICD co-sponsorship of a **Conference on the Mediterranean Diet in Barcelona**, Spain, March 5-7, 2002. In collaboration with The Mediterranean Diet Foundation, the Spanish Science and Technology Ministry (INIA) and The Johns Hopkins University, the provided leadership for FAS Research and Scientific Exchanges Division participation in the IV International Congress on the Mediterranean Diet in conjunction with Alimentaria, Southern Europe’s largest food trade show. Facilitated U.S. contribution financially and to the design of the overall program and organized and staffed one of the six Roundtable Sessions: #3, “Mediterranean Diet: Implications for Trade and Market Development.” This session explored how the “Mediterranean Diet” (that includes more fruits and vegetables, grain based products, olive oil, nuts, fish and other seafood products and moderate red wine) compares with other similar recommended diets (such as the US Food Guide Pyramid). It considered both consumption patterns for the Mediterranean Diet and selected health measures of consumers along with domestic and international marketing

opportunities to sectors that can capitalize on consumer health, food, and nutrition preferences. Finally, the session included a discussion of effects on production and trade opportunities should similar diets be even more broadly adopted. March 2002.

- Developed, initiated and coordinated **USDA/FAS TEACH US Program** (Teaching Educator's Agriculture and Conservation Holistically for Urban Society), an agriculture literacy and outreach program targeting traditionally under-represented groups to enhance and expand knowledge of agricultural science and research activities and opportunities in the U.S. and globally. The program aimed to increase enthusiasm among minority teachers working in urban settings for agricultural disciplines through international study tours and exchanges. Activities included Washington DC and New York City public schools systems participation in global programs including: teachers working with Chinese scientists and teachers to study Eastern Himalayan biodiversity and the agriculture of China, teachers and administrators collaborating with South African scientists to survey floral plant diversity at several parks and conservation areas, teachers learning about rural landscape preservation and conservation in Ireland, and teachers working with agro-biodiversity experts in Costa Rica to address food security and biodiversity conservation challenges simultaneously. 2000-2002.
- Managed the **US-Ireland Cooperation Program in Agriculture Science and Technology** from March 2000 through April 2002. Developed mechanisms to support biotech capacity building including a US-Ireland Research Fellows Program. Facilitated international exchange and development of scientific information pertaining to sustainable agriculture and natural resource management, especially projects pertaining to water quality issues. Conducted with team members an international conference on Food Safety, June 2000, in Cork, Ireland., featuring detailed consideration of key food safety issues and exchange of ideas and experiences by an assembly of experts from Ireland and the US. Facilitated international exchanges on collaborative research projects such as "Epidemiology and Control in Cattle Production and Beef Processing," "Examination of the Role of the Effective U.S. Practitioner in Community Development and Rural Development In Ireland," and "Development of Reduced-Fat Cheddar Cheese with Improved Texture and Flavor."
- Provided leadership for the creation of a **Plant Virus Research and Training Center in Turkey** devoted to plant virology to reduce losses caused by virus diseases in Turkey. A primary objective of the Center was to develop methods of virus identification and strategies for disease control beginning with those crops that had the highest economic value and were most affected by those diseases that reduce productivity and product value. The Center served not only Turkey, but also other Eastern Mediterranean and Near East countries. The Center had a national mandate to work cooperatively with all other institutions in the country. Scientific cooperation and guidance was provided by scientists from other countries including the US, France and Israel. 2002.
- Administered and provided oversight of the **Azores Collaborative Research and Education Group**, providing scientific, technical, and cultural collaboration between the US, Portugal, and the Azores, as envisioned in the 1995 Lages Accord relating to the US airbase on Terceira. 2001-2002.