

## CURRICULUM VITAE

### KATHLEEN A. GALVIN

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Natural Resource Ecology Laboratory  
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### EDUCATION

B.A. Colorado State University, Fort Collins, CO. Anthropology. 1971  
M.A. Colorado State University, Fort Collins, CO. Anthropology. 1979  
Ph.D. State University of New York, Binghamton, NY. Anthropology. 1985

### PROFESSIONAL EXPERIENCE

2014- Director, The Africa Center, CSU  
2013-2014 Director, Sustainable African Ecosystems and Societies, Global Challenge Research Group, School of Global Environmental Sustainability  
2012 (Fall) Acting Director, School of Global Environmental Sustainability, CSU  
2009-pres Associate Director for Educational Programs and SoGES Curriculum Committee Chair, School of Global Environmental Sustainability  
2003-pres Professor, Department of Anthropology, Colorado State University  
2002-2009 Chair, Department of Anthropology, Colorado State University  
2001-2002 Associate Director, Natural Resource Ecology Laboratory, Colorado State University  
2003-pres Advising Faculty member, Department of Sociology, Colorado State University  
2000-pres Advising Faculty member, Graduate Degree Program in Ecology, Colorado State University  
1998-2002 Associate Professor, Anthropology Department, Colorado State University  
1995-1996 Visiting Research Fellow, Centre for African Ecology, University of Witwatersrand, South Africa (5 months/year)  
1994-pres Senior Research Scientist, Natural Resource Ecology Laboratory, Colorado State University  
1994-1998 Assistant Professor, Anthropology Department, Colorado State University  
1991 (Fall) Visiting Scientist, International Livestock Research Institute, Nairobi, Kenya  
1988 National Science Foundation Fellow in Environmental Biology, Natural Resource Ecology Laboratory, Colorado State University  
1985-1994 Research Scientist, Natural Resource Ecology Laboratory, Colorado State University  
1985-1986 Consultant, Norwegian Agency for International Development, Oslo, Norway, and Nairobi, Kenya

### RESEARCH INTERESTS

Human-environment interactions, Human adaptability and vulnerability, Human Dimensions of Global Environmental Change, Arid and semiarid tropical ecosystems, Pastoralism, Household economics, Diet and nutritional status of African pastoralists; Africa; Central Asia

### HONORS AND AWARDS

2017 Award Recipient, Resident Distinguished Ecologist, Graduate Degree Program in Ecology, CSU  
2017 Award Recipient, Office of International Programs, Distinguished Service Award in recognition of outstanding contributions to the internationalization of CSU.  
2017 Award Recipient, College of Liberal Arts, John N. Stern Distinguished Professor Award that recognizes a career of outstanding achievement in research, teaching, and service.  
2015 Exemplary Project Award, W.K. Kellogg Foundation Community Engagement Scholarship Award from the Association of Public and Land Grant Universities for community work in Africa (with Robin Reid, Randall Boone and Stacy Lynn).  
2013 Recipient, The Jean Rouch Award for Collaborative Filmmaking (with postdoctoral fellow Joana Roque de Pinho) from the American Anthropological Association, November for the film, Maasai Voices on Climate Change.  
<https://vimeo.com/73980798>  
2012 Recipient, Ecological Society of America, Sustainability Science Award in Recognition of an Outstanding Contribution to Sustainability Science (with Robin Reid and others)  
2012- Member, American Anthropological Association, Global Climate Change Task Force  
2007 Nobel Peace Prize for contributing to the Award to the Intergovernmental Panel on Climate Change  
2007 Fellow, The Society for Applied Anthropology  
2001-2005 Certificate of Recognition, for Outstanding Contributions to the Internationalization of CSU, Office of International

Programs, CSU  
 2001 Fellow, Aldo Leopold Leadership Program  
 2000 Awardee, DA/RSP Fund Award, College of Liberal Arts, CSU. \$4000  
 1997 Awardee, Professional Development Program Award, College of Liberal Arts, CSU. \$2200  
 1995 Awardee, Professional Development Program Fund Award, College of Liberal Arts, \$445  
 1994 Awardee, Professional Development Program Fund Award, College of Liberal Arts, \$625  
 1988 Fellow, National Science Foundation, Program in Environmental Biology  
 1985 Awardee, Distinguished Dissertation Award in the Social Sciences, State University of New York at Binghamton

## RESEARCH GRANTS

2019 Evangelista, P, K. Galvin, K. Paustian and others, USDA A Rapid Analysis of Greenhouse Gas Emission Mitigation Opportunities for Ethiopia: A Framework for Synthesis and Prioritization \$150,000.

2018-2021 Keys, P, K Galvin and R. Boone Cross-scale Impacts of SDG 15 achievement: Household decisions, ecosystem change, and atmospheric water recycling. NASA \$745,000

2018-2019 Keys, P, R. Boone and K Galvin. Who changes the rain? Linking the dynamics of pastoralism and atmospheric moisture recycling to enable Sustainable Development Goal achievement. CSU Water Center \$22,358

2014-2015 Galvin, K.A. Transformations to Sustainability in the World's Rangelands through Social Change: A Transformative Knowledge Network. International Social Science Council, Paris. €30,000

2013-2018 Paustian, K., and 16 Co-PIs (Galvin included). Sustainable biofuel feedstocks from beetle-killed wood: Bioenergy Alliance Network of the Rockies (BANR). Agriculture and Food Research Initiative. National Institute of Food and Agriculture, USDA \$9,500,000

2013-2016 Evangelista, P. and others (Galvin included) NSF, CNH: Assessing vulnerability of provisioning services in the southern highlands of Ethiopia. \$250,000

2011-2014 Ojima, D. PI, K. Galvin, T. Chuluun, B. Tsogtsaikhan, T. Banzragch, Co-PIs. Climate Compatible Development in Dryland Systems of Mongolia and Surrounding Asian Systems. Climate and Development Knowledge Network \$315,325.

2011-2014 Reid, R., PI, N. Hanan Co-PI, D Swift, R Boone, K Galvin, G Bowser and M Coughenour. Sustainability of Drylands: A Regional Network for African-US University Collaboration and Capacity Building. 2010 Africa-U.S. Higher Education Initiative Partnership Grants, USAID. \$1,100,000

2010-2011 Galvin, K. A., R S. Reid, J. Njoka, D. Nkedianye and PK Thornton. Pastoral Transformations to Resilient Futures: Understanding Climate from the Ground Up. funded by Climate Change Livestock Collaborative Research Support Program, USAID. \$79,986

2010-2011. Galvin, K.A., J. Roque de Pinho, N Tapia and L Simpson. Maasai Voices on Climate Change: a Participatory Film Project in Kenya. Funded by Climate Change Livestock CRSP and CCAFS (Climate Change, Agriculture and Food Security) program, CGIAR. \$14,000

2009 CO-PI WCNR Mini-grants. Development of a long-term research, education and outreach program in coupled human-natural systems in Africa. \$9,930

2009 CO-PI SoGES Research Working Group proposal. Proposal for the Institute for Society, Landscape, and Ecosystem Change Working Group, \$10,000

2009 CO-PI Rising to the Challenge – African Dryland Development. A Regional Network for African-US University Collaboration and Capacity Building. Africa-U.S. Higher Education Initiative Planning Grants, USAID. \$50,000

2007-08 Co-PI. *Discovery and Understanding of Resilience and Brittleness in Land Use and Ecosystems (DURABLE)*. CSU \$63,000

2006-07 Co-PI Supplement Proposal to NSF award SES-0527481 for a workshop. DRU. *Decision-making in Rangeland*

- systems: *an integrated Ecosystem-Agent-based Modeling Approach to Resilience and change* (DREAMAR) (Galvin, PI) \$30,000
- 2006-09 Co-PI. *Extreme Weather Events, State Interventions, and Pastoral Livelihoods: social and Ecological Impacts of Spring Storms on the Tibetan Plateau*. National Science Foundation, Human and Social Dynamics program. \$618,999.
- 2005-2009 Principle Investigator. NSF Human and Social Dynamics. *Decision-making in Rangeland systems: an integrated Ecosystem-Agent-based Modeling Approach to Resilience and change* (DREAMAR). \$630,000
- 2004-2009 Co-Principle Investigator. USDA/NRI. *Emissions trading through agricultural C sequestration: Adopting conservation practices, leakage and non-CO2 greenhouse gases*. \$457,726
- 2004-2005 Principle Investigator. NSF Human and Social Dynamics Special Competition. *Decision Making Under Uncertainty Developmental Proposal: Household Decision-Making Under Uncertainty*. \$73,905.
- 2004-2006 Principle Investigator. GL-CRSP, *Developing Institutions and Capacity for Sheep and Fiber Marketing in Central Asia*, \$319,680. Subcontract to the University of Wisconsin
- 2003-2006 Co-Principle Investigator. NSF, Biocomplexity Competition. *Biocomplexity of the Greater Serengeti Humans in a Biologically Diverse Ecosystem*. Subcontract to University of Minnesota, \$654,314
- 2002-2003 Principle Investigator, USAID-Global Livestock-Collaborative Research Support Program (CRSP). *Feasibility of Market Development and Support Services for Livestock Products in Kazakhstan and Kyrgyzstan*. \$62,470
- 2001-2007 Co-Principle Investigator, National Science Foundation (NSF), Ecosystem Studies Program, *Biocomplexity, Spatial Scale and Fragmentation: Implications for Arid and Semi-arid Ecosystems*. \$1,900,000
- 2001-2002 Investigator, USAID-Global Livestock-Collaborative Research Support Program (GL-CRSP). *An Integrated Modeling and Assessment for Balancing Food Security, Conservation and Ecosystem Integrity in East Africa*. \$350,000
- 1999-2002 Co-Principal Investigator. National Institute for Health (NIH) Subcontract to University of Texas-Austin. *Population and Environment in the U.S. Great Plains*. \$470,558
- 1998-2001 Co-Principal Investigator. National Institute for Global Environmental Change. *Ecological, Climatic, Economic, and Socio-Cultural Drivers of Land-use Change in the Great Plains*. \$240,000
- 1998-2002 Principal Investigator. National Oceanic and Atmospheric Administration (NOAA), Office of Global Programs, Economics and Human Dimensions of Climate Fluctuations. *Uses of Climate Forecast Information in the Livestock Sector of the Arid Regions of South Africa*. \$358,973
- 1998-1999 Co-Principal Investigator. United States Department of Agriculture, National Research Initiative, Competitive Grants Program. *Living With Uncertainty. Northern Plains Agroecosystems in the 21<sup>st</sup> Century*. \$156,474
- 1997-2000 Co-Principal Investigator. USAID-CRSP. *Integrated Modeling and Assessment for Balancing Food Security, Conservation and Ecosystem Integrity*. \$2,050,409
- 1997-2000 Principal Investigator. NSF. *Regional Analysis of Human Welfare, Environment, Policy and Community-Based Conservation in Northern Tanzania*. \$210,643
- 1996-1997 Co-Principal Investigator. USAID-CRSP *An Integrated Management and Policy System for Conserving Biodiversity in Spatially Extensive Pastoral Ecosystems of East Africa - Assessment Team Formation*. \$111,303
- 1995-1996 Program for Resource Conservation and Rural Development (RCRD), Centre for African Ecology, University of the Witwatersrand, Wits Rural Facility, South Africa. Development of the RCRD program for research and training with a strong commitment to community development and to policy and management analysis.
- 1995-1999 Co-Principal Investigator. NIH, Subcontract to University of Texas-Austin, *Population and Environment in the U.S. Great Plains*. \$475,198

- 1995-1998 Co-Principal Investigator. NSF. *Integrated Assessment of the Effects of Climate and Land Use Change on Ecosystem Dynamics, Stability and Resilience on the Mongolian Steppe*. \$400,000
- 1991-1995 Principle Investigator. NSF, Ecosystems Studies Program. *Biological Conservation and Human Ecology: Conflict or Compatibility between Wildlife and Pastoralists in Sub-Saharan, Africa*. \$300,000
- 1991 Grant to travel to Tanzania's Ngorongoro Conservation Area to initiate future human-ecological research. Wildlife Conservation International. \$4,600
- 1990-1992 Investigator. NSF. *Issues and Concepts in Pastoral Ecology and Dry Tropical Ecosystems*
- 1988 Principal Investigator. NSF, Ecosystem Studies Program. *Women's Contributions to Future Directions of Ecosystem Science*. A workshop that focused on preparing women for future leadership roles in ecosystem science. \$41,466
- 1988 Principal Investigator. NSF-Postdoc, Environmental Biology Program. *Ecosystem Variation and Pastoral Extraction Patterns*. Research examined the relationship between different East African pastoral environments and human energy intake and nutritional status. \$26,400
- 1986-1990 Investigator. NSF. *Persistence of a Pastoral Ecosystem*. Conducted research on the effects of sedentarization on pastoral food procurement, body size and composition.
- 1985-1987 Investigator. Norwegian Agency for International Development. *Coping with Drought in Pastoral Turkana*.
- 1982-1985 Investigator. NSF. *The Ecology of Subsistence Pastoralism*. Eighteen months field research on food procurement, diet, and nutrition in the social and ecological context of pastoral nomads, Turkana District, Kenya

#### CENTER WEBSITES

<http://africacenter.colostate.edu>

#### VIDEOS/SOCIAL MEDIA

Maasai Voices: A Photo Essay. <http://lccrsp.org/>

Pastoralist Voices on Climate Change. <http://www.youtube.com/watch?v=76519XmMpDY> and <http://lccrsp.org/>

Maasai Voices on Climate Change (and other changes, too) <https://vimeo.com/73980798>. Or

<http://www.youtube.com/watch?v=jCFMeUKrpnA>

#### BLOGS

Galvin, K.A. 2013 An Arid World? Can We Learn from Other Nations? Huff Post Green. The Blog. 8/20/2013.

[http://www.huffingtonpost.com/american-anthropological-association/an-arid-world-can-we-learn\\_b\\_3768175.html](http://www.huffingtonpost.com/american-anthropological-association/an-arid-world-can-we-learn_b_3768175.html)

Galvin, K.A. 2013 [A Science and an art: What makes for an effective interview?](#), Aldo Leopold Leadership. Building networks to catalyze change. The Leopold Leadership Network blog about training the next generation of leaders on global sustainability.

Galvin, K.A. and R.Reid 2014. An Experiment 'Goes Wild' in Kenya: Locally-Run Conservancies Are Meeting the Needs of Wildlife, Livestock, and People [http://www.huffingtonpost.com/american-anthropological-association/an-experiment-goes-wild-i\\_b\\_5599446.html](http://www.huffingtonpost.com/american-anthropological-association/an-experiment-goes-wild-i_b_5599446.html)

Quoted in a Glacier Hub article, 7 June 2018: <http://glacierhub.org/2018/06/07/is-deforestation-potential-driver-of-mt-kenyas-glacier-recession/> Is deforestation driving Mt. Kenya's glacier recession

Galvin, K A 2019. Wildebeest do not jump fences: is African community based conservation bringing down the fences? CSU Africa Center

#### LEADERSHIP/SERVICE

2019 External expert presentation to the EU Cooperation in Science and Technology Action working group on Global Drylands, Evora, Portugal

2018 Keynote Address, Women in Science 2018 Symposium, : <http://safinacenter.org/2018/05/a-science-symposium-for-women/>

2016-19 Lead Author to the UN Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES).  
2016 Keynote Address, Society of Economic Anthropology, March, University of Georgia

2015-16 **iLEAPS** (integrated Land Ecosystem – Atmosphere Processes Study) Scientific Steering Committee (SSC), member of the core project of Future Earth

2013-16 **Community Surface Dynamics Modeling System Group** <http://csdms.colorado.edu>

2013-2016 **Co-chair**, Anthropocene Focus Research Group

2016 **CoLead**, NSF funded workshop, Linking Earth System Dynamics and Social System Modeling 23-25 May, Boulder

#### **The Nature Conservancy**

2013- **Member**, Colorado Board of Trustees

2018- Global Ambassador for Global Programs, TNC

#### **Society for Applied Anthropology**

2013 **Organizer and Discussant**, session, Social Capital and Access to Natural Resources: Implications for Resilience and Sustainability, at SfAA meetings, Denver, March 19-23; **Invited Discussant** in the session, Fair Policies for All? Rangeland Management and the Equity of Outcomes.

2009 **Organizer** of the session, Elements of Sustainable Science, at the Society for Applied Anthropology meetings, Santa Fe, March 18-22

#### **International Human Dimensions Program**

2009 **Organizer** of the session, Adaptation and Sustainability at the 7<sup>th</sup> Open Meeting of the International Human Dimensions meetings, Bonn, April 27-30.

#### **Frontiers in Ecology and the Environment**

2008-2010 Assistant editor

#### **Ecology and Society: a journal of integrative science for resilience and sustainability**

2007-pres Associate editor

#### **Nomadic Peoples**

2005-pres Editorial Board

#### **Environmental Management**

2013 Guest Editor of Special Issue

#### **Leopold Leadership Program (LLP)**

2001 Fellow

2005-2012 External Reviewer

2014 Leader of the Review Panel for fellowships, Stanford

2015- Member of the External Advisory Board

#### **US AID Sustainable Agriculture and Natural Resources Management, Collaborative Research Support Program (SANRAM CRSP)**

2005-2010 **Member**, External Evaluation Panel

#### **National Science Foundation**

2010 Member, PIRE (Partnerships in International Research and Education) review panel.

2001-2002 **Member**, Cultural Anthropology Program, Researcher Advisory Panel

1998-2000 **Member**, Cultural Anthropology Program, Dissertation Panel

1993-1996 **Panelist** for Graduate Research Fellowships in Anthropology

1988 **Co-Organizer**, Workshop on Women's Contributions to Future Directions of Ecosystem Science.

#### **National Oceanic and Atmospheric Administration**

2001 **Organizer**, workshop on Integrated Assessment of Drought Responses, Climate Forecasting and Modeling for the Livestock Sector, Vryburg, South Africa, May 30-31

1999 **Member**, Human Dimensions of Global Change Research, Proposal Review Panel

1999 **Organizer**, Workshop on Users of Seasonal Forecasts, Armoedsvlakte, Vryburg, South Africa, October

## American Anthropological Association

- 2013 **Co-organizer**, Executive Session, Understanding Present and Future Engagements: The Nature of Anthropological Knowledge in a World of Global Environmental Change. For the November 2013 meetings in Chicago
- 2012-2014 **Member**, AAA, Global Climate Change Task Force; [www.aaanet.org](http://www.aaanet.org)
- 2000-2002 **Program Chair**, Anthropology and Environment Section
- 1991 **Co-Organizer**, American Anthropological Association Invited Symposium on Developments In East African Pastoralist Research, November
- 1989-1991 **Policy and Liaison Chair** for the Council on Nutritional Anthropology, American Anthropological Association
- 1989 **Co-Organizer**, American Anthropological Association Invited Symposium on Ecological Influences on Diet Intake and Nutritional Status, November.

## Colorado State University

### *Department of Anthropology*

- 2002-2009 **Chair** of Department
- 2001-pres **Advising Faculty member**, Graduate Degree Program in Ecology
- 2002-pres **Advising Faculty member**, Department of Sociology
- 2001 **Chair**, Tenure and Promotion Committee, Department of Anthropology
- 2000-2002 **Member**, Masters Program Review Committee, Department of Anthropology
- 2000 **Chair**, Executive Committee, Department of Anthropology
- 1999 **Member**, Executive Committee, Department of Anthropology.

### *Natural Resource Ecology Laboratory*

- 1999 **Presenter**, to Provost/Academic Vice President Loren Crabtree, on NREL research activities, May
- 1998-2002 **Member**, Executive Committee, NREL

### *Graduate Degree Program in Ecology*

- 2012-2013 **Member**, Executive Committee, Graduate Degree Program in Ecology, CSU
- 1997-1999 **Member**, Executive Committee, Graduate Degree Program in Ecology, CSU
- 1989-1993 **College of Liberal Arts Representative** to the University Program for Ecological Studies

### *Center for Collaborative Conservation*

- 2009-2014 **Member**, Executive Committee

### *University wide, other*

- 2014-pres Director, The Africa Center, <https://africacenter.colostate.edu/>
- 2013-2014 **Director**, Sustainable African Ecosystems and Societies (<http://saes.colostate.edu/>), Global Challenge Working Group, School of Global Environmental Sustainability
- 2013 **Member**, University committee to Review the Department of Soil and Crop Science
- 2012 (Fall) **Acting Director**, School of Global Environmental Sustainability
- 2010- pres **Associate Director for Education**, School of Global Environmental Sustainability
- 2010 **Member**, Technical Committee of CSU's Adapting Livestock Systems to Climate Change Collaborative Research Support Program (ALS-CC CRSP)
- 2010 **Member**, International Steering Committee for the Colorado Conference of Earth System Governance
- 2007 **Member**, Review Panel for University wide Supercluster proposal applications
- 2002 **Member**, International Research, Development and Training Task Force, International Programs
- 2002- **Boardmember**, International Development Studies Program
- 1998 **Co-chair**, College of Natural Science's Committee on Environmental Studies

### **Other**

- 2005 **Co-organizer**, Open Meeting of the Human Dimensions of Global Environmental Change, Bonn, Germany, session titled Factors Affecting Household Decision-making: Concepts for Understanding Change under Uncertainty, October.
- 2002 **Organizer**, CRSP Workshop on Kazakstan research projects, April
- 2001-2002 **Member**, Working Group on the Serengeti Ecosystem, Tanzania. At the National Center for Ecological Analysis and Synthesis, UC-Barbara
- 2000 **Co-organizer**, Ecological Society of America Invited Symposium on Human Development and Biodiversity Conservation in the Developing World: Finding a Balance in Concept and Practice, August
- 1999 **Member**, Steering Committee, Commission on Nomadic People, International Congress of Anthropological and Ethological Science
- 1998-2002 **Member**, Steering Committee, Central Great Plains Regional Assessment
- 1997-1998 **Member**, National Academy of Sciences/National Research Council (NCA/NRC) Panel on Human Dimension of Seasonal-to-Interannual Climate Variability, Washington, D.C

- 1997 **Organizer**, USAID Small Rudimant-CRSP sponsored Workshop II on Developing a Decision Support System for Integrated Assessment of Pastoral-Wildlife Interactions in East Africa. Held at the International Livestock Research Institute, Nairobi, Kenya, May 21-24
- 1995-1996 **Visiting Research Fellow**, University of Witwatersrand, South Africa to help establish a Program in Resource Conservation and Rural Development
- 1995 **Consultant**, International Livestock Research Institute, Nairobi, Kenya, June
- 1994-1998 **Member**, International Editorial Board for Applied Human Science, Journal of Physiological Anthropology
- 1994 **Member**, National Academy of Sciences/National Research Council workshop on Research Needs and Modes of Support for the Human Dimensions of Global Change, Washington, D.C. July.
- 1992 **Co-Organizer**, Ecological Society of America Invited Symposium on Global Impact of Land Use Change: Linkages between the Social and Natural Sciences, August

## INVITATIONS TO SPEAK

- 2019 **Invited Speaker**, Global environmental change: Research and engagement in the east African savannas, U of Lisbon, Portugal, November
- Invited Speaker**, Changes in dryland social-ecological systems, at U Evora, Portugal, in the EU COST (European Cooperation in Science and Technology) Action working group meeting as an external expert on Drylands Facing Change: Interdisciplinary Research on Climate Change, Food Insecurity and Political Instability, November
- Invited Speaker**, Research and engagement in the savannas of east Africa, University of North Carolina, Chapel Hill, Anthropology Department. October
- Invited Speaker**, Community driven collaborative research, presented at the Society of Environmental Journalism opening plenary conference, CSU, October
- Invited Speaker**, Social-ecological dryland system research and engagement, at the Symposium on the Future of Ecosystem Science, CSU, October
- Invited Speaker**, Local to Global: Engagement, Solutions and Resilience in African drylands, in the session, Theory and Approaches to Understanding Coupled Human and Natural Systems' at the Society for Applied Anthropology, 2018Portland, March
- 2018 **Invited Speaker** at the Fort Collins Global Village Museum on African community based conservation.
- Invited Keynote address** to the Women in Science 2018 symposium, CSU. Titled: Research and Engagement in the Savannas of East Africa. Blog of WIS presentation: <http://safinacenter.org/2018/05/a-science-symposium-for-women/>
- Invited Speaker** in the Center for Collaborative Conservation, Working Group Workshop on Taking Stock and Telling our Stories, CSU. Titled: African community Based conservation: from Kenya to the Continent
- 2017 **Invited Speaker**, title of talk: An International Perspective on Climate Impacts: Charting New Directions; at the Fulbright Fellows Seminar of Climatic Impacts, Estes Park, May
- 2017 Invited Speaker, title of talk: Global Environmental Change: Effects on East African pastoral mobility and biology; in the session, Biological Investigations of Nomads: Developments and Innovations; at the American Association of Physical Anthropology, New Orleans, April
- 2017 Invited Speaker, title of talk: Global Environmental Change: Research and Engagement for Resilience; in the session, Adaptation to Environmental Change: Charting New Directions; at the Society for Applied Anthropology, Santa Fe, March
- 2017 Invited Speaker, title of talk: African Community Based Conservation: An Experiment Gone Wild; at the Frontiers of Conservation Social Science Seminar Series, Human Dimensions of Natural Resources Department, CSU, February
- 2016 Invited Speaker, title of talk: Social ecological systems, human agency and models: research and engagement; in the session, Emergent Landscapes, Disturbance Ecology, and New Approaches in Ecological Anthropology; at the American Anthropological Association, Minneapolis, November
- 2016 Keynote address, Global Environmental Change: Research and Engagement for Resilience. Presented at the Society for Economic Anthropology, Athens, GA, April
- 2016 Keynote address, Global Environmental Change: Education and Research. Presented to Government of Rwanda Ministers and University of Rwanda officials at the CSU/GOR Memorandum of Understanding Dinner, Kigali, Rwanda. January
- 2015 Invited Speaker, at the international conference Resilience in a Time of Uncertainty - Indigenous Peoples and Climate Change that will took place on 26 and 27 November 2015 at UNESCO Headquarters in Paris, France.
- 2015 Invited Speaker, at the APLU (Association of Public and Land-grant Universities) meeting in the session, Co-creation of Knowledge in International Research Collaborations meeting, in Estes Park
- 2015 Invited Speaker, at the University of Nairobi workshop on Community Extension and Engagement (organized by Lou Swanson, VP Engagement and Rick Miranda, Executive Vice President and Provost.)

- 2013 **Invited Speaker**, in the Workshop Land Change and Impacts. Paper presented at the Workshop, Globalizing our understanding of land use change drivers and impacts. SESYNC, University of Maryland, June
- 2013 **Invited Speaker**, at the University of Nairobi Student Let Conference, Nairobi, May
- 2013 **Invited Speaker**, in the session, New Directions in Modeling Dynamics for Coupled Social-Natural Systems, Society for American Archaeology, Honolulu, HI, April
- 2012 **Invited Speaker**, at the All Scientists Meeting of the NSF Long Term Ecological Research Program, Estes Park, CO September
- 2011 **Invited Speaker**, at the Workshop on Linking models of human behaviour and decision making processes with land system models Supported by IGBP/IHDP-GLP, CSIRO, IGBP-Ileaps. 28 November - 1 December 2011. Lake Crackenback Resort, Lake Crackenback, NSW, Australia
- 2009 **Invited Speaker**, in the panel, Social Science Research Needs and Opportunities in Resilience, at the IHDP Open Meeting, April 28, Bonn
- 2008 **Invited Speaker**, at the at the Tod Spieker Colloquium Series, Department of Geography, UCLA, October
- 2008 **Invited Speaker**, at the Society for Applied Anthropology, in the session, Water, Water Everywhere: Anthropologists' Role(s) in the Uncertainty of Water in the Age of Global Climate Change, March
- 2007 **Invited Speaker**, at the American Geophysical Union meeting, in the session, Including Land Use and Land Cover Change in Earth system Models, San Francisco, December
- 2007 **Invited Speaker**, at the Society for Applied Anthropology, in the Session Linking Adaptation and sustainability: Case Studies on global Change in Local Places, March
- 2007 **Invited Speaker**, Department of Anthropological Sciences and the Woods Institute, Stanford, March 5.
- 2007 **Invited Speaker**, Environmental Studies Program, University of Colorado, Boulder, February 16.
- 2006 **Invited Speaker** at the American Anthropological Association, in the session Global Environmental Change and Local Water Resources: Images, Intersections, and Impacts from Siberia to Tuvalu, San Jose, CA November 15-19.
- 2006 **Invited Presenter** at the NSF, Human and Social Dynamics PI Meeting, Washington, DC, September 14-15.
- 2006 **Invited Speaker** at the Organizational Meeting of the Global Environmental Change and Food Systems (GECAFS) Vulnerability of Food Systems Research Network, Oxford, UK, May 17-18.
- 2003 **Invited Speaker** at the Integrated Research on Coupled Human-Environment Systems Land Open Science Conference, Morelia, Mexico, December 2-5.
- Invited Speaker** at the Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Montreal, Canada, October 16-18.
- Invited Speaker** at the International Rangelands Congress, Durban, South Africa, July 26- August 1.
- 2002 **Invited Speaker** at the Global Livestock Collaborative Research Support Program, Program Conference, Washington, D.C., October 8-12.
- Invited Speaker** at the Human Dimensions of Global Change, Principal Investigators Meeting, Seabrook Island, SC, October 23-25.
- Invited Speaker** University of Wyoming seminar series. November 13
- 2001 **Invited speaker** at the Workshop on Communication of Climate Forecast Information, International Research Institute for Climate Prediction, Palisades, NY, June 6-8
- Invited Speaker** at the Conference on Public Health Impacts of Prolonged Drought in Rural America, Albany, Georgia, May
- Invited Speaker** at the American Anthropological Association's session on New Directions in Anthropology and Conservation, New Orleans, November.
- 2000 **Invited Speaker** at the Ecological Society of America's session on Human Development Biodiversity Conservation, Snowbird, UT,
- 1999 **Invited Speaker** at the Public Policy Session at the American Anthropological Association meetings, November
- Invited Speaker** at the Conference on Displacement, Forced Settlement and Conservation Oxford University, Oxford, UK, September
- Invited Speaker** at the Human Dimension and Economics Principal Investigators Meetings, NOAA sponsored, Tucson, AZ, April
- Presenter** (poster) at the annual meetings of the Human Biology Association, Columbus, OH, April
- 1998 **Invited Speaker**, at the meetings of the International Congress of Anthropological and Ethnological Sciences, Williamsburg, VA, July
- Invited Presenter** (poster) at the meetings of Heifer Project International. 1998 Symposium on Human Nutrition and Livestock. October.
- Invited Speaker**, University of Colorado, Department of Anthropology, November.
- 1997 **Invited Speaker**, at Forum 1997: New Linkages in Conservation Development, Istanbul, Turkey, November 16-21
- Speaker**, at the Open Meeting of the Human Dimension of Global Environmental Change Research Community, Laxenburg, Austria, June 12-14
- Presenter**, Human Biology Association Meetings, St. Louis, MO, April 1-2

- 1996 **Invited Speaker**, Global Change and Terrestrial Ecosystems (GCTE), Global Change System for Analysis Research and Training (START) and International Human Dimensions Program (IHDP) sponsored Workshop on Southern African Rangelands Today and Tomorrow: Social Institutions for an Ecologically Sustainable Future, Gaborone, Botswana, June 10-14
- 1995 **Invited Speaker**, Meeting of the American Association of Physical Anthropologists, Durham, NC, April 9-14  
**Invited Speaker**, African Studies Association Meeting, Orlando, FL, Nov. 3-6  
**Invited Speaker**, University of the Witwatersrand, Department of Anthropology, South Africa, June  
**Invited Speaker**, University of Colorado, Department of Anthropology, March  
**Invited Speaker**, Society for Applied Anthropology, Albuquerque, NM, Mar. 29-Apr. 2
- 1994 **Presenter**, American Anthropological Association Meetings, December  
**Presenter**, Meeting of the American Association of Physical Anthropologists, Denver, April  
**Invited Speaker**, University of Nebraska Environmental Studies Program, March
- 1993 **Invited Speaker**, Indiana University Conference on Critical Issues for Africa: Food, Environment, Population and Health, March
- 1992 **Invited Speaker**, Aspen Global Change Institute sponsored session on Food, Conservation, and Global Environmental Change: Is Compromise Possible?, August  
**Invited Speaker**, Women's Research Institute and Department of Fisheries and Wildlife Sciences, Virginia Polytechnic Institute, April  
**Invited Speaker**, NAS-sponsored meeting on the Grassland Ecosystem of the Mongolian Steppe, Racine, WI, March
- 1989 **Invited Speaker**, IGBP Workshop on Arid Ecosystems Interactions, Boulder  
**Invited Speaker**, CSU and Senator T.E. Wirth Conference on Strategic Responses to Global Change, October

## REVIEWER

Journals: American Journal of Human Biology, Human Biology, Ecology of Food and Nutrition, Global Environmental Change, Farming Systems Research, Human Ecology, American Journal of Physical Anthropology, Human Organization, Climatic Change, Ecological Applications, Agricultural Systems, Current Anthropology, Africa Today, World Development, American Society of Range Management, Society and Natural Resources, Proceedings of the National Academy of Sciences, Ecology and Society, Environmental Science and Policy, Ecological Economics, Nomadic Peoples, Journal of Peace Research, Frontiers in Ecology, American Anthropologist, Science, Regional Environmental Change, Agricultural Systems, Climate Change, Regional Environmental Change, Environmental Management, Food Security, Transactions of the Institute of British Geographers

Proposals: National Science Foundation: Anthropology, Human Dimensions of Global Change, International Programs, Professional Opportunities for Women in Research and Education (POWRE) Program, Geography and Regional Science, Human and Social Dynamics-Exploratory Research and Community Development; British Columbia Health Research Foundation; Center for Field Research; National Geographic; Wildlife Conservation International; Social Sciences and Humanities Research Council of Canada; National Oceanic and Atmospheric Administration: Human Dimensions Program, Office of Global Programs, Environment, Science and Development Program; World Wildlife Fund; The Leverhulme Trust

## Book Proposals

University of California Press; Routledge/Earthscan

## MEMBERSHIPS

American Anthropological Association  
 Society for Applied Anthropology  
 American Association for the Advancement of Science

## PUBLICATIONS

### Dissertation

Galvin, K. 1985. Food procurement, diet, activities and nutrition of Ngisonyoka Turkana pastoralists in an ecological and social context. Ph.D. Dissertation. State University of New York at Binghamton. 382 pp. Awarded the Best Dissertation in Social Science, SUNY

### Books

Fratkin, E., K. A. Galvin and E. A. Roth (eds.). 1994. African Pastoralist Systems: An Integrated Approach. Lynne Rienner, Boulder.  
 Galvin, K.A., R.S.Reid, R.H.Behnke and N.T. Hobbs, eds. 2008. Fragmentation of Semi-Arid and Arid Landscapes. Consequences for Human and Natural Systems, Springer, Dordrecht, The Netherlands

### **National Research Council Books**

Stern, P. C. and W. E. Easterling (eds.) 1999. Making Climate Forecasts Matter. National Academy of Sciences/National Research Panel on the Human Dimensions of Seasonal-to-Interannual Climate Variability (panel: Easterling, Epstein, Galvin, Liverman, Mileti, Miller, Nutter, Rosenzweig, Sarachik, Weber) National Academy Press, Washington, D.C.

### **Report to the American Anthropological Association**

Fiske, S.J., Crate, S.A., Crumley, C.L., Galvin, K., Lazrus, H., Lucero, L. OliverSmith, A., Orlove, B., Strauss, S., Wilk, R. 2014. Changing the Atmosphere. Anthropology and Climate Change. Final report of the AAA Global Climate Change Task Force, 137 pp. December 2014. Arlington, VA: American Anthropological Association. [www.aaanet.org](http://www.aaanet.org)

### **UN Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Global Assessment**

Adams, C. K. Galvin and Others 2019. Chapter 3. Assessing progress towards meeting major international objectives related to biodiversity and ecosystem services. IN: Butchart, SH, P Miloslavich, Belina Reyers and SM Subramaniam. Global Assessment of the UN Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, UN, Bonn, Germany. <https://ipbes.net/global-assessment-report-biodiversity-ecosystem-services>

### **Textbook Module**

Galvin, K.A. 2006. Human-Environment Interactions: New Directions in Human Ecology. A module for the textbook: Introduction to Physical Anthropology, (by R. Jurmain, L. Kilgore, W. Trevathan and H. Nelson. 31pp.

### **Reference Module**

Galvin, K.A., T.A. Beeton and R.K. Hitchcock, Hunter-Gatherer Societies, Ecological Impact of, In Reference Module in Life Sciences, Elsevier, 2017, ISBN: 978-0-12-809633-8, <http://dx.doi.org/10.1016/B978-0-12-809633-8.02237-8>

### **Refereed Articles**

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McElwee, P. , Álvaro Fernández-Llamazares , Yildiz Aumeeruddy-Thomas, Dániel Babai, Peter Bates, Ka thleen Galvin, Maximilien Guéze, Jianguo Liu, Zsolt Molnár, Hien T. Ngo,Victoria Reyes-García, Rinku Roy Chowdhury, Aibek Samakov, Uttam Babu Shrestha, Sandra Diaz, and Eduardo S. Brondizio: 2020 Working with Indigenous and Local Knowledge (ILK) in Large-Scale Ecological Assessments: Reviewing the Experience of the IPBES Global Assessment. Journal of Applied Ecology DOI: 10.1111/1365-2664.13705

Jessen-Ryan, D., S. Strauss, T. Durbin, T. Beeton, K Galvin and R Budowle. 2019 A Cultural Consensus of Fire and Futility: Harvesting Beetle-kill for Wood-based bioenergy in Wyoming and Colorado. Energy Research and Social Science <https://doi.org/10.1016/j.erss.2019.101272>

Fernández-Llamazares, Á., David Western, Kathleen A. Galvin, Pamela McElwee, Mar Cabeza. 2019 Historical shifts in local attitudes towards wildlife by Maasai pastoralists of the Amboseli Ecosystem (Kenya): insights from three conservation psychology theories. Journal for Nature Conservation, doi: <https://doi.org/10.1016/j.jnc.2019.125763>

Knapp, CN, RS Reid, ME Fernandez-Gimenez, JA Klein and KA Galvin. 2019 Placing transdisciplinarity in context: A review of approaches to connect scholars, society and action. Sustainability. <https://www.mdpi.com/2071-1050/11/18/4899/pdf>

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### **In Press**

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### **In Review**

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- Manzano, P. Daniel Burgas, Luis Cadahía, Jussi T. Eronen, Álvaro Fernández-Llamazares, Slimane Bencherif, Oula Seitsonen, Mikael Fortelius, María E. Fernández-Giménez, Kathleen A. Galvin, Mar Cabeza, Nils Chr. Stenseth\* Towards a holistic understanding of pastoralism. Submitted to *One Earth*
- Caviglia-Harris, J, Karen Hodges, Brian Helmuth, Elena Bennett, Kathleen Galvin, Margaret Krebs Karen Lips, Meg Lowman, Ted Schuur, Lisa Shulte Moore. The Six Dimensions of Collective Leadership that Advance Sustainability Objectives. submitted to *Ecology and Society*.

### **In Prep**

- Orth, P., K. Galvin, T. Schulz An Assessment of Land Management Practices and Tools Used by Landowners in Southeastern Colorado: Motivations, Benefits, and Barriers
- Chambers, J. C Wyborn, M Ryan, R Reid, N Klenk A Bednarek, M Fernandez-Gimenez, K Galvin, B Goldstein, R Gruby, M Riechers, A Serban, et al., The diverse rationales that shape collaborative efforts for sustainability. *Global Environmental Change*

### **Book Chapters**

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- of Land Use, Human Well-being and Conservation. Sinclair, A.R.E., Metzger, K. L., Mduma, S. A. R., J. Fryxell (eds), Serengeti IV: Sustaining biodiversity in a coupled human-natural system. University of Chicago Press, Chicago.
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- Ellis, J. E., K. Galvin, J. T. McCabe, and D. M. Swift. 1987. Pastoralism and drought in Turkana District, Kenya. A Report to NORAD. Nairobi, Kenya, Mimeo. 202pages.
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- Galvin, K., and J. T. McCabe. 1985. Effects of seasonal drought on livestock dynamics and movement and on food supply. Progress Report to NORAD. November.

### **Book Reviews**

- Galvin, K. A. 2011. Review of Holtzman, J. Uncertain Tastes. Memory, Ambivalence, and the Politics of Eating in Samburu, Northern Kenya. University of California Press, Berkeley.
- Galvin, K. A. Review of Homewood, K.. Ecology of African Pastoralist Societies. Reviewed for African Journal of Range and Forage Science 2010, 27(2): xx-xx.
- Galvin, K.A. Review of Fratkin, E and E.A. Roth (eds.) 2005. As Pastoralists Settle. Social, Health, and Economic Consequences of Pastoral Sedentarization in Marsabit District, Kenya. Reviewed for Journal of the Royal Anthropological Institute (in press).
- Galvin, K.A. Review for Rothenberg, D. and M. Ulvaeus (eds). 2001. The World and the Wild. The University of Arizona Press, Tucson. For Conservation Biology 17(4): 1192-1193.
- Galvin, K.A. Review of Redford, K.J. and J.A. Mansour (eds.) 1996. Traditional peoples and biodiversity conservation in large tropical landscapes. America Verde Publ., The Nature Conservancy, Latin America and Caribbean Division, Arlington, VA BioScience 1998, 48(2):131-132.
- Galvin, K. A. Review of Dettwyler, K. A. 1994. Dancing skeletons. Life and Death in West Africa. Waveland Press, Prospect Heights, Illinois. American Journal of Physical Anthropology 1994, 95(1):106-107.
- Galvin, K. A. Review for Kotter, N. G. 1990. Sharing Innovation. Global perspectives on food, agriculture and rural development. Smithsonian Institution Press, Washington. Evolutionary Trends in Plants 1992, 6(2):137-138.
- Galvin, K. Review of Clydesdale, F. M. and F. J. Francis. 1985. Food, Nutrition and Health. AVI Publ. Co., Westport, Conn. Human Biology 1986, 58(5):824-825.

### **Conference Papers and Invited Paper Titles**

- Galvin, KA, and T. Even. 2019 (March) Local to Global: Engagement, solutions and resilience in African drylands. Presented at the Society for Applied Anthropology meetings. Portland, March
- Galvin, KA 2019 (October) Community driven collaborative research. Invited paper presented at the Society of Environmental Journalism opening plenary conference, CSU, October
- Galvin, KA 2019 (November) Changes in dryland social-ecological systems, at U Evora, Portugal, in the EU COST (European Cooperation in Science and Technology) Action working group meeting on Drylands Facing Change: Interdisciplinary Research on Climate Change, Food Insecurity and Political Instability, November
- Galvin, K. 2018 (April) Keynote address to the Women in Science 2018 symposium, CSU. Titled: Research and Engagement in the Savannas of East Africa. Blog of WIS presentation: <http://safinacenter.org/2018/05/a-science-symposium-for-women/>
- Galvin, KA 2017 (May) An International Perspective on Climate Impacts: Charting New Directions. Fulbright Climatic Impacts Seminar, Estes Park, CO
- Galvin, KA and T. Beeton. 2017 (April) Global environmental change: effects on east African pastoral mobility and biology. Invited paper for the session, Biological Investigations of Nomads: Developments and Innovations. American Association of Physical Anthropology, New Orleans.
- Galvin, KA and S Chignell 2017 (March) Global environmental change: research and engagement for resilience. Invited paper presented in the session, Adaptation to Environmental Change: Charting New Directions. Society for Applied Anthropology, Santa Fe
- Galvin, KA 2016 (April) Global Environmental Change: Research and Engagement for Resilience. Invited Keynote presented at the Society for Economic Anthropology, Athens, GA
- Galvin, KA and TA Beeton 2016 (March) Food Security in East African Drylands: Are the 2030 Sustainable Development Goals Attainable. Paper presented at the Society for Applied Anthropology, Vancouver.
- Galvin, KA., M. Luizza, T A. Beeton and R S. Reid. 2016 (January) African Community Based Conservancies: A Review and Action. Paper presented at the Pathways Conference, Nanyuki, Kenya.
- Galvin, KA 2016 (January) Global Environmental Change: Education and Research. Invited paper presented to Ministers and

- University of Rwanda officials at the CSU/GOR Memorandum of Understanding Dinner, Kigali, Rwanda.
- Galvin, KA 2015 (November) African Dryland Peoples and Climate Change: A Knowledge Network for Conservancies. Invited paper presented at the international conference Resilience in a Time of Uncertainty - Indigenous Peoples and Climate Change that will take place on 26 and 27 November 2015 at UNESCO Headquarters in Paris, France.
- Galvin, KA 2015 (July) Co-Creation of Knowledges in International Knowledge Networks in the Session, Co-creation of Knowledge in International Research Collaborations at the APLU (Association of Public and Land-grant Universities) meeting, in Estes Park
- Galvin, KA 2015 (March) Knowledges Networks. Paper presented at the University of Nairobi workshop on Community Extension and Engagement (organized by Lou Swanson, VP Engagement and Rick Miranda, Executive Vice President and Provost.)
- Galvin, KA. 2014 Transformative Knowledge Network on the World's Rangelands through Social Change. Presented at the PI meeting of 1<sup>st</sup> Transformative Knowledge Workshop, 17-19 November, Potsdam, Germany
- Galvin, K., 2014. An invited talk at the American Anthropological Association, in the Session Operationalizing Resilience Theory within Anthropology. "Climate Compatible Adaptation in the Social-Ecological systems of Mongolia".
- Galvin, K. 2014. Discussant paper in the session, Engaging 'Wicked' Problems, Part I: Producing Knowledge at the Nexus of Climate Change and Energy, American Anthropological Association meetings, December
- Galvin, K. 2013. Adaptation, Adaptive Capacity and Vulnerability in Dryland Systems. Paper presented at the Workshop, Managing Pastoral Systems in River Basins for Climate Change: pathways toward climate compatible development. Ulaanbaator, Mongolia, October
- Galvin, K. 2013. Simulation as Approach to Social-Ecological Integration: Agent Based Modeling. Paper presented in the plenary, Integration of the Social Sciences, at the International Symposium on Society and Resource Management, Estes Park, CO June.
- Galvin, K. 2013. Land Change and Impacts. Paper presented at the Workshop, Globalizing our understanding of land use change drivers and impacts SESYNC, University of Maryland, June
- Galvin, K. 2013. Resilience in Dryland Ecosystems and Societies. Keynote paper given at the University of Nairobi Student Led Conference, Nairobi, May
- Galvin, K. 2013 Linking decision-making to ecosystem services: using an integrated modeling approach. Invited paper presented in the Symposium, New Directions in Modeling Dynamics for Coupled Social-Natural Systems, Society for American Archaeology, Honolulu, HI, April
- Galvin, K. 2012 Linking households and land use to a fragmented environment. Invited paper presented at the Long Term Ecological Research. All Scientists Meeting. 10-13 September, Estes Park, CO
- Galvin, K., M.Y. Said, R.B. Boone, R.S. Reid, D. 2012. Transformations to resilient futures: development from the local to the region in East Africa. Paper presented at Planet Under Pressure Meetings, Session on Climate Compatible Development: a global approach to improved wellbeing, London, March 28, 2012
- Galvin, K., 2011 Adaptation, Adaptive Capacity and Vulnerability. Paper presented at the 2<sup>nd</sup> MAIRS Workshop in Coupled Human-Environment Systems in Asian Drylands 8-10 June, Harbin, China
- Galvin, K., D. Nkedianye and R Reid. 2011. Pastoral Adaptation through Governance to Changing African Landscapes. Paper presented at Resilience 2011: Second International Science and Policy Conference March 11- 16, Arizona State University Memorial Union, Tempe
- Galvin, K.A. 2011. Multiple Exposures: Pastoral sustainability under fragmentation and climate change. Paper presented at the Society for Applied Anthropology 71st Annual Meeting, March 29-April 2, Seattle
- Galvin, K. A. 2009. Paper presented, Linking Household Decision Making to Ecosystem Services in Rangelands Using an Integrated Modeling Approach, presented at the Ecology Seminar Series, University of North Carolina, Feb 12.
- Galvin, K.A. 2009. Paper, Sustainability Science: Elements from Pastoral Systems, presented in the session, Elements of Sustainable Science, at the Society for Applied Anthropology meetings, Santa Fe, March 18-22.
- Galvin, K.A., 2009. Sustainability: Change and Social Learning in Pastoral Systems presented in the session Sustainability, Adaptation and Sustainability, at the 7<sup>th</sup> Open Meeting of the International Human Dimensions Program meetings, Bonn, April 27-30.
- Galvin, K. A., 2009. Paper presented, Double Exposure: Pastoral sustainability under fragmentation and climate change presented in the session, Double Exposure: Interactions Between Globalization and Global Environmental Change, at the Global Environmental Change and Human Security Synthesis Conference, Oslo, 22-24 June.
- Galvin, K.A., S. Burnsilver and R. Boone. 2009. Paper presented, Linking Household Decision Making to Ecosystem Services in Rangelands: The value of Integrated Modeling, presented at the Reto o Reto workshop on Future of Pastoralism in Maasailand, Kitengela, Kenya, July 16-18.
- Galvin, K.A, R. Reid, and D. Kaelo 2009 Paper presented, Linking social learning to innovative institutions: pastoral sustainability under fragmentation and climate change, in the session, New Governance Models in Collaborative Conservation: Hybrids of Government, Markets and Civil Society, at the International Symposium, sponsored by International Programs and jointly at the conference, Bridging the Gap: Collaborative Conservation from the Ground Up, sponsored by the Center for Collaborative Conservation, Colorado State University, September 8-11.
- Galvin, K.A. and S. Burnsilver 2009. Linking pastoral decision-making to ecosystem services: using an integrated modeling approach. Invited paper in the session Quantitative Environmental Analysis in Environmental Anthropology organized by William

- Durham and Susan Charnley, Philadelphia, November
- Galvin, K.A. 2008 Household Decision Making in Rangelands: Effects of Change Using an Integrated Modeling Approach. Invited paper presented at the Tod Spieker Colloquium Series, Department of Geography, UCLA, October
- Galvin, K.A. 2008 Integrated Modeling: Application of Climate Change Adaptive Strategies in a Pastoral Community. Invited paper in the session, Water, Water Everywhere: Anthropologists' Role(s) in the Uncertainty of Water in the Age of Global Climate Change, Society for Applied Anthropology, Memphis, March
- Galvin, K.A. 2007. Environmental Change: Why Natural and Social Scientists Need to Work Together. Invited talk presented to the 13<sup>th</sup> Annual Front Range Student Ecology Symposium, Colorado State University, Fort Collins, April 4.
- Galvin, K.A. 2007. Responses of Pastoralists to Land Fragmentation: Social Capital, Connectivity and Resilience. Invited paper presented in the session, Linking Adaptation and Sustainability: Case studies on Global Change in Local Places at the Society for Applied Anthropology meetings, March 27-31.
- Galvin, K.A. 2007. Conservation Policy and Human Wellbeing in Tanzania: Modeling a Complex Human Environment System. Invited paper presented to the Department of Anthropological Sciences and the Woods Institute, Stanford University, March 5.
- Galvin, K.A. 2007. Pastoral Rangeland Systems and Global Environmental Change: Linking humans and the environment through modeling. Invited paper presented to the Environmental Studies Program, University of Colorado, Boulder. Feb 16, 2007.
- Galvin, K.A. 2006. Climate Change and Conservation Policy: Implications for Access to Water in a Unique Region of the Greater Serengeti Ecosystem. Invited paper presented at the American Anthropological Association Meetings, in the session Global Environmental Change and Local Water Resources: Images, Intersections, and Impacts from Siberia to Tuvalu, San Jose, CA November 15-19.
- Galvin, K.A, RB Boone, DS Ojima, PK Thornto and JR Jawson. . 2006. Decision-making in Rangeland systems: an integrated Ecosystem-Agent-based Modeling Approach to Resilience and change (DREAMER). Poster presented at the NSF Human and Social Dynamics PI meeting, Washington, DC, September 14-15.
- Galvin, K. A. 2006. Vulnerability of pastoral systems to global environmental change. Paper presented at the Organizational Meeting of the Global Environmental Change and Food Systems (GECAFS) Vulnerability of Food Systems Research Network, Oxford, UK, May 17-18.
- Burnsilver, S and K.A. Galvin. 2005. "Walking the Walk" in the session, Interdisciplinary Science: Ecological Anthropologists and Question-driven Collaboration to Address Natural Resource Management and Conservation Problems. Paper presented at the American Anthropological Association meetings, Washington, DC.
- Galvin, K.A. Linking Human and Ecosystems: Lessons from Protected Area Research. Paper presented at the University of Maryland, Department of Geography, Seminar Series, Nov. 2005
- Galvin, K.A., M.Betsill, J. Lackett, R. Boone, D. Ojima, PK Thornton and M Hernandez-Gimenez. 2005. Factors affecting household decision-making: concepts for understanding change and uncertainty. Paper presented at the Open Meeting of the Human Dimensions of Global Change, Bonn, Germany, October 9-13
- Thornton, P., R. Boone, K. Galvin, S. Burnsilver, M. Waithaka, J. Kuyiah, E. Gonzalez-Estrada, M. Herrero. 2005. Risk impacts on households in agropastoral and mixed systems in East and Southern Africa. Paper presented at the Open Meeting of the Human Dimensions of Global Change, Bonn, Germany, October 9-13.
- Galvin, K.A., C. Kerven, R.B. Boone and A. Smailov. 2005 Production strategies of livestock herders in the grasslands of Kazakhstan: Implications for the marketing of fibers. Poster presented at the International Grasslands Congress, Dublin, June 26-July 1.
- Boone, R.B. and K.A. Galvin. 2005. Factors related to marketing success for fiber products in middle Asia. Poster presented at the International Grasslands Congress, Dublin, June 26-July 1.
- Galvin, K.A., C. Costello, S. Polasky, M. Ritchie, C. Paker. 2005. Biocomplexity of the Greater Serengeti: Human Environment Interactions. Poster presented at the Biocomplexity in the Environment Conference, Understanding and Harnessing Complexity in the Environment, March 21-23, Washington, DC.
- Boone, R.B., N.T. Hobbs, K.A. Galvin, R.H. Behnke, R.S. Reid, P.K. Thornton, A.J. Ash, C. Kerven, K.P. Price, M.B. Coughenour and S.J. Tavener. 2005 Biocomplexity, Scale and Fragmentation: Implications for Arid and Semi-Arid Landscapes (SCALE). Poster presented at the Biocomplexity in the Environment Conference, Understanding and Harnessing Complexity in the Environment, March 21-23, Washington, DC.
- Galvin, K.A. 2003. Coupled Human Environment Systems: Lessons from East African Pastoral Systems. Paper presented at the Integrated Research on Coupled Human-Environment Systems Land Open Science Conference, Morelia, Mexico, December 2-5.
- Galvin, K.A., R.B. Boone and P.K. Thornton. 2003. South African Livestock Systems and Adaptation to Climate Variability: Lessons for long-term climate change. Paper presented at the Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Montreal, Canada, October, 16-18.
- Galvin, K.A. P.K. Thornton, R. B. Boone and J. Sunderland. 2003. Climate Variability and Impacts on East African Livestock Herders. Invited paper presented at the VII International Rangeland Congress, Durban, South Africa, July 28-August 1.
- Galvin, K.A. 2002. Use of integrated assessment for balancing food security, conservation and ecosystem integrity in the rangelands of East Africa. Paper presented at the University of Wyoming Seminar Series in the Department of Anthropology. November 13.
- Galvin, K.A. 2002. Integrated assessment of pastoral-wildlife interactions in East Africa. Socioeconomic considerations and

- socioeconomic modeling. Paper presented at the US-AID Global Livestock CRSP Program Conference, Washington, D.C. October 8-12.
- Galvin, K.A. 2002. Feasibility of market development for livestock products in Kazakhstan and Kyrgyzstan. Paper presented at the US-AID Global Livestock CRSP Program Conference, Washington, D.C. October 8-12.
- Galvin, K.A., C. Kerven, Nurlan Malmakov and J. Sunderland. 2002. Livestock product marketing in Kazakhstan. Poster presented at the US-AID Global Livestock CRSP Program Conference, Washington, D.C. October 8-12.
- Galvin, K.A. 2002. Integrating quantitative and qualitative approaches with stakeholder interactions. Paper presented at the Human Dimensions of Global Change Principal Investigators Meeting, Seabrook Island, SC, October 23-25.
- Galvin, K.A., R. B. Boone, P. Thornton, J. Hudson and C. Vogel 2002. Responses to climate variability and utility of climate forecast information for the livestock sector in the semi-arid zone, South Africa. Poster presented at the the Human Dimensions of Global Change Principal Investigators Meeting, Seabrook Island, SC, October 23-25.
- Galvin, K.A., R.S. Reid, S. Burnsilver and R.B. Boone. 2002. Linking communities and households to climate variability and land cover/land-use change at different scales in farming and pastoral systems of East Africa. Paper prepared (and presented by RSR) for the Workshop on Linking Household and Remotely Sensed Data: Methodological and Practical Problems, East-West Center, Honolulu, January 3-8, 2002.
- Galvin, K.A. 2001. African livestock systems and drought: Integrated Assessment of Human Vulnerability. Invited paper presented at the Conference on Public Health Impacts on Prolonged Drought in Rural America. May 16-17, Albany, Georgia.
- Galvin, K.A. 2001. Responses to climate variability and utility of climate forecast information for the livestock sector in the arid and semi-arid zone, South Africa. Paper presented at the Workshop on Adding Value to Climate Forecasts, May 30-31, Vryburg, South Africa.
- Galvin, K.A. 2001. Responses to drought and climate forecasts in the livestock sector of South Africa: Uses of integrated assessment. Invited paper presented at the Workshop on Communication of Climate Forecast Information, International Research Institute for Climate Prediction, June 6-8, Palisades, New York.
- Galvin, K.A., P.K. Thornton and J. Roque de Pinho 2001. Integrated modeling and assessment for balancing food security, conservation and ecosystem integrity in East Africa. Invited paper presented in the session, Beyond Rhetoric and Reproach: New Directions in Anthropology and Conservation at the American Anthropological Association meetings, Nov 28-Dec 2, Washington, D.C.
- Runyoro, A.V., K.A. Galvin, P. Thornton, S.J. Lynn and J. Sunderland. 2001. Livelihood strategies: The Maasai Pastoralists of Ngorongoro Conservation Area. Paper presented (by AVR) at the 2<sup>nd</sup> Annual Meetings of the Tanzania Wildlife Research Institute, December 4-6, Arusha, Tanzania.
- Galvin, K.A. 2000. Community based conservation: does it work? Invited paper presented at the Symposium, Human Development and Biodiversity Conservation in the Developing World: Finding a Balance in Concept and Practice at the Ecological Society of America annual meeting, Snowbird, Utah.
- Galvin, K.A. 2000. Human/cultural dimensions of development and conservation issues. Invited paper presented at the Workshop, Sustainable Biodiversity in the International Arena, at the Ecological Society of America annual meeting, Snowbird, Utah.
- Jennings, T.L. and K.A. Galvin 2000. Farm Family Adaptability and Climate Variability in the Northern Great Plains. Paper presented (by TLJ) at the American Anthropological Association meetings, November.
- Jennings, T.L. and K.A. Galvin 2000. Living with Uncertainty: Adaptive strategies for sustainable livelihoods in the northern Great Plains. Poster presented (by TLJ) at the Society for Economic Anthropology meetings, April.
- Magennis, A.L. and K.A. Galvin. 2000. Growth patterns among Maasai pastoralists in northern Tanzania. Poster presented (by ALM) at the Human Biology Association meetings, April.
- Galvin, K.A. 1999. Integrated multidisciplinary human ecological research in anthropology. Invited paper presented at the public policy session on Anthropology and Multi-disciplinary Research at the annual meeting of the American Anthropological Association, November.
- Magennis, A. L. and K.A. Galvin 1999. Maternal-child nutrition among Maasai Pastoralists, Loliondo District, Tanzania. Paper presented (by ALM) at the annual meeting of the American Anthropological Association, November.
- Galvin, K.A., J.Ellis, R.B. Boone, A. Magennis, N.M. Smith and S.J. Lynn. 1999. Compatibility of pastoralism and Conservation? A test case in the Ngorongoro Conservation Area, Tanzania. Invited paper presented at the Conference on Displacement, Forced Settlement and Conservation, St. Anne's College, University of Oxford, September.
- Boone, R.B. and K.A. Galvin 1999. Using hierarchical greenness patterns to quantify the effects of El Nino on the Maasai of the Serengeti Ecosystem. Poster presented (by RBB) at the 5<sup>th</sup> World Congress, International Association of Landscape Ecology, Snowmass, CO, July-August.
- Lynn, S., J. Ellis, K. Galvin and N. Smith 1999. Ecological impacts on Maasai Pastoralist land use patterns: Implications for conservation policy in multiple-use areas. Poster presented (by SJL) at the 5<sup>th</sup> World Congress, International Association of Landscape Ecology, Snowmass, CO, July-August.
- Galvin, K.A., R.B.Boone, N.M. Smith and S.J. Lynn 1999. Impacts of climate variability on East African pastoralists: Linking Social Science and Remote Sensing. Invited paper presented in the session on Social Science Dimensions and Policy Contributions to Climate Change Research: African Perspectives at the Society of Applied Anthropology meetings, Tucson, April.
- Galvin, K.A., J. Ellis, C. H. Vogel. 1999. Responses to climate variability and utility of climate forecast information for the livestock

- sector in the arid and semi-arid zone, South Africa. Presentation to the Human Dimension and Economics Principal Investigators Meeting. Tucson, April
- Galvin, K.A., A. Magennis, J.E. Ellis, S. Lynn, and N. Smith. 1999. Effects of Conservation Policy on Human Well-being: A Comparative Study of Pastoral Maasai Nutrition and Economy in Northern Tanzania. Poster presented at the annual meetings of the Human Biology Association, Columbus, OH. April.
- Lynn, S. J. Ellis and K.A. Galvin 1999. The impact of conservation policy on human land use patterns: A case study of Maasai Pastoralists in northern Tanzania. (abstract) Proceedings of the Fifth Annual Front Range Student Ecology Symposium. Ft. Collins, April.
- Galvin, K.A., M.B. Coughenour and J.E. Ellis. 1998. Ecology and economy of pastoral nutrition. A test case using integrated assessment in the Ngorongoro Conservation Area, Tanzania. Poster presented at Heifer Project International. 1998 Symposium on Human Nutrition and Livestock. October.
- Galvin, K.A. 1998. Compatibility of Pastoralism and Conservation? A test case using integrated assessment, in the Ngorongoro Conservation Area, Tanzania. Invited paper presented at the session on Pastoralism at the International Congress of Anthropological and Ethnological Sciences, Williamsburg, VA, July 27-31.
- Galvin, K.A. 1997. Pastoralism and conservation in the NCA, Tanzania. Invited paper presented at Forum 97: New Linkages in Conservation and Development, Istanbul, Turkey, November 16-21.
- Galvin, K.A. 1997. Agriculture in the U.S. Great Plains: Effects of environment, government, and agricultural programs on land use. Presented at the 1997 Open Meeting of the Human Dimensions of Global Environmental Change Research Community, held at IIASA, Laxenburg, Austria, June 12-14.
- Galvin, K.A. 1997. Biological conservation and human nutrition by geographical location in the Ngorongoro Conservation Area, Tanzania. Poster presented at the Human Biology Association meetings. St. Louis. April 1-2.
- Galvin, K.A. and J. Ellis. 1996. Climate patterns and human socio-ecological strategies in the rangelands of sub-Saharan Africa. Invited paper presented at the Workshop: Southern African Rangelands Today and Tomorrow: Social Institutions for an Ecologically Sustainable Future, supported by the international global change research community through GCTE, START, and IHDP, Gaborone, Botswana, June 10-14, 1996.
- Galvin, K.A. 1996. Turkana diet and nutrition: Implications for adaptation. Invited paper at the session on The Human Biology of the Turkana, at the annual meetings of the American Association of Physical Anthropologists, Durham, NC, April 9-14. American Journal of Physical Anthropology Supplement 22:109 (Abstract).
- Galvin, K.A. 1995. A biocultural perspective to human development in ecosystems of high climate variability. Invited discussion at the session on Health and Reproduction Among Nomadic Pastoralists of Turkana, Northwest Kenya: A Biocultural Perspective, at the annual meetings of the African Studies Association, Orlando, November 3-6.
- Galvin, K.A. 1995. People and conservation issues in Tanzania. Invited paper presented at the Department of Anthropology, University of the Witwatersrand, Johannesburg, S.A., June.
- Galvin, K.A. 1995. Ecology and economy of pastoral health in the Ngorongoro Conservation Area, Tanzania. Invited paper presented at the Department of Anthropology Colloquium Series, University of Colorado, Boulder, March.
- Galvin, K.A. 1995. Conservation policy and human nutrition in Ngorongoro Conservation Area, Tanzania. Invited paper presented at the session on Natural Resource Management in Eastern and Southern Africa: Issues of Sustainability and Conservation at the annual meetings of the Society for Applied Anthropology, Albuquerque, March 29-April 2.
- Galvin, K.A. 1994. Food choice during drought among Maasai women pastoralists of northern Tanzania. Invited poster at the invited poster session on Famine Foods: Food choice under conditions of scarcity at the annual meetings of the American Anthropological Association, Atlanta, November 30-December 4.
- Galvin, K. A., J. E. Ellis, J. T. McCabe and P. Moehlman. 1994. Wealth and nutrition among Maasai pastoralists in a conservation area, Tanzania. Poster presented at the annual meetings of the American Association of Physical Anthropologists, Denver, April. American Journal of Physical Anthropology Supplement 18:91-92 (Abstract).
- Galvin, K. A. 1994. Ecology and economy of pastoral nutrition in the Ngorongoro Conservation Area. Invited paper at the Environmental Studies seminar series, University of Nebraska, Lincoln, March.
- Galvin, K. A. 1993. Climate patterns, land use and nutrition in the dry zones of East and West Africa. Invited paper at the Conference on Critical Issues for Africa: Food, Environment, Population and Health. Sponsored by The African Studies Program and the Anthropological Center for Training and Research on Global Environmental Change (ACT), Indiana University, March.
- Galvin, K. A. 1992. Social and ecological factors affecting human population biology. Invited presentation at the National Academy of Science sponsored meeting on the Grassland Ecosystem of the Mongolian Steppe, Racine, WI, March.
- Galvin, K. A. 1992. Wildlife conservation biology and people: Issues of compatibility in Africa. Invited paper at Virginia Polytechnic Institute and State University; sponsored by the Department of Fisheries and Wildlife Sciences and the Women's Research Institute, April.
- Galvin, K. A. 1992. Health, nutrition and land use change in the arid and semiarid regions of Sub-saharan Africa. Invited paper at the Aspen Global Change Institute's two week session on Food, Conservation and Global Environmental Change: Is Compromise Possible?, August.
- Galvin, K. A. 1991. Biobehavioral responses to seasonal food stress among pastoralists in northwest Kenya. Invited paper presented

- in the symposium on Developments in East African Pastoralist Research at the Annual Meeting of the American Anthropological Association, Chicago, November.
- Galvin, K. A. 1990. Nutritional ecology of pastoralists in the arid tropics. Invited paper presented in the symposium on nutrition and diet in human biology at the annual meeting of the Human Biology Council, Miami, FL, April.
- Galvin, K. A. 1989. Responses to global climate change in the developing world. Invited paper presented at the conference on Strategic Responses to Global Change sponsored by Colorado State University College of Forestry and Natural Resources and Senator Timothy E. Wirth, Fort Collins, Colorado, October.
- Galvin, K. A. 1989. Human interactions and impacts in arid and semi-arid lands. Invited paper presented at the workshop on Arid Ecosystems Interactions sponsored by the Office for Interdisciplinary Earth Studies, University Corporation for Atmosphere Research, Boulder, Colorado. The workshop was a contribution to the development of the International Geosphere Biosphere Program.
- Galvin, K. A. 1989. Ecosystem variation, food procurement and nutritional status in two East African pastoral populations. Invited paper presented in the session on Ecological Influences on Diet and Nutritional Status at the annual meeting of the American Anthropological Association, Washington, D.C., November.
- Galvin, K. A. and M. A. Little. 1987. Seasonal patterns of body size and composition among pastoral nomads of northwestern Kenya. Paper presented at the annual meetings of the American Association of Physical Anthropologists, New York, New York, April.
- Galvin, K. A. 1987. Seasonal variation in activity patterns as a response to food shortage. Invited paper presented in the session on Biobehavioral responses to drought and food stress at the annual meeting of the American Anthropological Association, Chicago, November.
- Galvin, K. 1986. Coping with drought in Turkana District, Kenya. Invited paper presented at the annual meeting of the High Plains Society for Applied Anthropology, Denver.
- Galvin, K. A. 1986. Nutritional status as an indicator of impending food stress. Paper presented in the invited session on Refugee Resettlement, Famine Relief, and Early Warning Systems of Famine at the annual meeting of the American Anthropological Association, Philadelphia, December.
- Galvin, K. 1984. Seasonal variation in diet of the nomadic patterns and human socio-ecological strategies in the rangelands of sub-Saharan Africa. Invited paper presented at the Workshop: Southern African Rangelands Today and Tomorrow: Social Institutions for an Ecologically Sustainable Future, supported by the international global change research community through GCTE, START, and IHDP, Gaborone, Botswana, June 10-14, 1996.
- Ellis, J. E., M. B. Coughenour, D. L. Coppock, K. Galvin, D. M. Swift. 1984. Patterns of energy extraction and utilization in a pastoral ecosystem. Poster session presented at the annual meeting of the Ecological Society of America, Fort Collins, Colorado.
- Galvin, K., and D. L. Coppock. 1983. Livestock ecology and human diet in a nomadic pastoral ecosystem. Invited paper, University of Wyoming Seminar Series in Biology, Laramie.
- Galvin, K., and M. A. Little. 1983. Seasonal aspects of diet, nutrition, and health among pastoral Turkana. Symposium, "Human Ecology and the Ecosystem in a Predevelopment Pastoral Society," annual meeting of the American Association for the Advancement of Science, Detroit.
- Galvin, K. 1983. Women's status, food allocation, and nutritional condition in pastoral Turkana households. Annual meeting of the American Anthropological Association, Chicago.
- Galvin, K. 1983. Seasonal food shortage among pastoral Turkana. Invited paper presented at the annual meeting of the African Studies Association, Boston.
- Little, M. A., K. Galvin, and P. W. Leslie. 1982. Health and energy requirements in nomadic Turkana pastoralists. Invited paper, Symposium on Coping with Uncertainty in Food Supply, Bad Homburg, Federal Republic of Germany.
- Coppock, D. L., J. E. Ellis, J. Wienpahl, J. T. McCabe, D. M. Swift, and K. A. Galvin. 1982. A review of livestock studies of the South Turkana Ecosystem Project. CRSP Small Ruminant Workshop, Nairobi, Kenya.

#### **INVITED PARTICIPANT**

- 2007 SANREM CRSP (Sustainable Agriculture and Natural Resource Management, Collaborative Research Support Program) Annual Meeting, 24-27, June. Cochabamba, Bolivia
- 2007 Resilience and Adaptation to Climate Change: Linkages and a new Agenda, Blakeney, Norfolk, UK, 17-20 April, workshop sponsored by the Tyndall Centre, University of East Anglia.
- 2007 Integrating Socio-ecological Sciences Through a Community Modeling Framework. A Planning and Organizing Workshop at Arizona State University, March 1-3. Tempe.
- 2002 International Geosphere Biosphere Program (IGBP), Land Planning Meeting, CSU, January  
National Center for Ecological Analysis and Synthesis, Working Group on Serengeti: The Origins and Future of a Complex Ecosystem, September 26-October 3.
- 1997 International Livestock Research Institute (ILRI) Workshop on Land-Use Modelling in the East African Highlands, Nanyuki, Kenya, December 9-12
- 1996 NOAA, NASA sponsored Workshop on Reducing Climate Vulnerability for Southern Africa. Victoria Falls, Zimbabwe. Oct. 1-4

- 1995 NOAA sponsored International Forum on Forecasting El Niño: Launching an International Research Institute, Washington, DC, November  
International Geosphere Biosphere Program (IGBP ) Global Change Meeting, Pretoria, South Africa, April
- 1994 NAS/NRC Workshop on Research Needs and Modes of Support for the NSF Program on Human Dimensions of Global Change, February.
- 1991 Global Change Institute on Land Use/Cover Change, Aspen, August

**Thesis advisor and Postgraduate-Scholar Sponsor:** (Total: 14) J. Roque dePinho (Portuguese Postdoc) S. Burnsilver (ASU); S. DeLuca (CSU), A. Samuelson (U of Wisconsin) , C. Donofrio; S. Ewalt; J. Hudson, T. Jennings, (U of Wisconsin); J. Lockett, (CSU); N. Smith, (CU).; Y. Umabe, (UNICEF), P. Bruss, L. Knapp, E Knapp (Hamilton C), Melissa Haeffner (Utah State U)

**Current PhD graduate students:** Mindy Clark, Tomas Pickering, Trevor Even

**Postdocs:** R. Boone, PhD U of Maine 1998-2002; P. Weisberg, PhD Oregon State U 1998-2000.