

## CURRICULUM VITAE

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### ELIZABETH GALLANT KING

Odum School of Ecology and  
Warnell School of Forestry & Natural Resources  
University of Georgia  
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### EDUCATION

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<b>Ph.D.</b>	<b>University of California, Davis</b>	<b>Population Biology</b>	<b>2004</b>
	Dissertation: <i>Using Native Aloes as Facilitators in Rangeland Restoration in Kenya</i> Advisors: Maureen Stanton, Kevin Rice, Marcel Rejmánek.		
<b>M.S.</b>	<b>University of California, Davis</b>	<b>Population Biology</b>	<b>1998</b>
<b>B.A.</b>	<b>Reed College</b>	<b>Biology</b>	<b>1993</b>
	Thesis: <i>Genetics and Conservation Biology of a Rare Oregon Wildflower</i> Phi Beta Kappa		

### RESEARCH AND PROFESSIONAL EXPERIENCE

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<b>Assistant Professor, Odum School of Ecology and Warnell School of Forestry &amp; Natural Resources, University of Georgia</b> Executive Committee, Center for Integrative Conservation Research	2012-present
<b>Lecturer, Department of Ecology &amp; Evolutionary Biology,</b> <b>Postdoctoral Research Associate, Princeton University</b> Postdoctoral Fellow: Water, Savannas, and Society Initiative • Multi-disciplinary research & teaching program at Princeton and in Kenya • Princeton Inst. for Int'l & Regional Studies (2006-'08); Princeton Environmental Inst. (2008-'11)	2008 - 2011 2006 - 2011
<b>Coordinator, Ewaso Water Project</b> <b>Princeton University</b> Field research dimension of Water, Savannas and Society Initiative. Researcher, coordinator, and student supervisor for network of natural and social science studies in communal Kenyan drylands.	2006-2008 Laikipia, Kenya
<b>Consultant: Restoration Ecologist, Land Tenure Analyst</b> <b>Rehabilitation of Arid Environments (RAE) Trust</b> UNDP Project: Land tenure reform and rehabilitation in Baringo Lowlands, Kenya.	2005 Baringo, Kenya
<b>Dissertation Research</b> <b><i>Aloe</i> Shrubs as Facilitators and their Use in Rangeland Restoration</b> Study of facilitation around naturally occurring <i>Aloe</i> shrubs in a degraded rangeland; <i>Aloe</i> effects on planted grasses; and plant community responses to transplanted <i>Aloe</i> shrubs.	1999-2004 Laikipia, Kenya
<b>Ecological Research</b> <b>Feral Horse Grazing Impacts in Salt Marshes</b> Effects of feral horse grazing on vegetation and invertebrates in salt marshes.	2000-2001 Cumberland Isl., GA

**Fulbright Scholarship** 1994-1995  
**Ecology and Conservation Status of *Aloe francombei*** Laikipia, Kenya  
Distribution, demography, and phytochemical taxonomy of newly discovered *Aloe* species.

**Research Assistant** 1993 - 1994  
**Dr. Robert Kaplan, Reed College** Portland, OR  
Evolution and plasticity of life history traits in amphibians.

## **TEACHING EXPERIENCE**

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**Instructor: Principles of Integrative Conservation** Fall 2016  
**University of Georgia**  
(ICON 8001): Critical investigation of multiple disciplinary approaches to conservation and sustainability research and practice, challenges and approaches to integrating those approaches, transdisciplinary science, and strategic communication; co-instructed with Dr. Ted Gragson, Anthropology

**Instructor: Foundations of Restoration Ecology** Spring 2016  
**University of Georgia**  
(ECOL/FANR 4220/6220): Upper level undergraduate/masters level course on the ecological principles underlying in the applied field of restoration ecology, with 25 students.

**Instructor: Principles of Ecology** Fall 2012-Fall 2014  
**University of Georgia**  
(ECOL/BIOL 3500): Upper division general ecology course, with 165 students; co-instructed with Dr. Ford Ballantyne

**Instructor: Natural Resource Conservation** Fall 2012-Fall 2014  
**University of Georgia**  
(FANR/MARS 1100) Introductory level course, with 132 students. Solo instruction in Spring 2014; co-instructed with Gary Green in 2012 & 2013 and Joe Dahlen in Fall 2014.

**Instructor: Integrative Conservation II** Spring 2013-Spring 2015  
**University of Georgia**  
(ICON 8002): Integrative Conservation PhD core course, designed as independent research practicum focused on the Georgia coast, with 10 students; co-instructed with faculty members from UGA Department of Anthropology

**Instructor: Scholarship and Practice of Resilience Studies** Spring 2015  
**University of Georgia**  
(ECOL 8990): Graduate course on social-ecological systems, with 8 PhD students. Course was co-developed with Don Nelson (Anthropology) to provide foundational training in the theory and practice of social-ecological systems research.

**Instructor: Resilience & Sustainability in African Pastoralist Systems** Fall 2008 - 2011  
**Princeton University**  
Full lecture course for upper-level undergraduates from Ecology & Evolutionary Biology and Environmental Studies Certificate Program (multiple majors).  
Topics: Complexity and sustainability science theory, ecohydrology, savanna ecology, human ecology, common property resources, and policy in social-ecological systems in Africa.

**Lecturer & Steering Committee, Distributed Graduate Seminar: Sustainability Science** Fall 2010

Multi-institution graduate seminar offering students theoretical and case-based learning about sustainability science, while strengthening strategies for graduate and undergraduate level instruction. Initiated with support from NCEAS, Harvard, Princeton, and Univ. of Minnesota.

**Undergraduate Research Mentor/Advisor** 2007 – 2012  
**Princeton University**

Supervision and mentoring for numerous undergraduate research projects in Kenya. Advisor for two undergraduate students' senior theses (2009 - 2011).

**Lecturer: Water, Savannas and Society in Sub-Saharan Africa** Fall 2007  
**Princeton University**

Lecture topics: Dynamics of degradation and ecological restoration in drylands; African rangelands as social-ecological systems and the challenge of sustainable pastoralism.

**Instructor/ Mentor: Postgraduate Internship for Reed College Graduates in Kenya** 2002  
"Promoting Ecological Restoration and Sustainability in a Maasai Community"

Mentored competitively selected interns participating in ecological field research and structured curriculum covering ecology, ethnobotany, cultural study, Swahili, and international NGO issues.

## **PUBLICATIONS**

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**King, E.G.** and T.E. Franz. 2016. Combining ecohydrologic and transition probability-based modeling to simulate vegetation dynamics in a semi-arid rangeland. *Ecological Modelling* 329: 41-63.

German, L., R. Unks, and **E.G. King**. 2016. Green appropriations through shifting contours of authority and property on a pastoralist commons. *Journal of Peasant Studies*  
<http://dx.doi.org/10.1080/03066150.2016.1176562>.

De Jesus Crespo, Rebeca, D. Newsom, **E. King**, and C. Pringle. 2016. Shade tree cover criteria for non-point source pollution control in the Rainforest Alliance coffee certification program: a snapshot assessment of Costa Rica's Tarrazú coffee region. *Ecological Indicators* 66:47-54

**King, E.G.**, J. Cavender-Bares, P. Balvanera, T. Mwampamba, and S. Polasky. 2015. Tradeoffs in ecosystem services and varying stakeholder preferences: Evaluating conflicts, obstacles, and opportunities. *Ecology and Society [Special Feature - Ecosystem service trade-offs across global contexts and scales]*: 20(3): 25.

Cavender-Bares, J., P. Balvanera, **E. King**, and S. Polasky. 2015. Ecosystem service tradeoffs across global contexts and scales. *Ecology and Society. [Special Feature - Ecosystem service trade-offs across global contexts and scales]* 20(1): 22.

Cavender-Bares, J., S. Polasky, **E. King**, and P. Balvanera. 2015. A sustainability framework for assessing trade-offs in ecosystem services. *Ecology and Society. [Special Feature - Ecosystem service trade-offs across global contexts and scales]* 20(1): 17.

Kaye-Zwiebel, E. and **E.G. King**. 2014. Kenyan pastoralist societies in transition: varying perceptions of the value of ecosystem services. *Ecology and Society Special Feature - Ecosystem service trade-offs across global contexts and scales*. 19(3):17.

Good, S.P., K. Soderberg, K. Guan, **E.G. King**, T. Scanlon, and K.K. Caylor. 2014.  $\delta^2\text{H}$  Isotopic flux partitioning of evapotranspiration over a grass field following a water pulse and subsequent dry down. *Water Resources Research* 50(2):1410-1432.

- Cavender-Bares, J., J.G. Heffernan, **E.G. King**, S. Polasky, P. Balvanera, W.C. Clark, K.N. Lee. 2013. Sustainability and Biodiversity. In: S.A. Levin, ed. *Encyclopedia of Biodiversity*, 2nd Edition. Academic Press, Waltham, MA. Volume 7, pp. 71-84.
- Franz, T. E., Zreda M., **King, E.G.** 2013. Application of Cosmic-ray Neutron Probes to Long-term Monitoring of Soil Moisture in African Drylands. *Joint IAEA and FAO Programme Conference Proceedings, 23-27 July 2012, Vienna, Austria*. IAEA-CN-191.
- King, E.G.**, O'Donnell, F., and Caylor, K.K. 2012. Reframing hydrology education to solve coupled human and environmental problems. *Hydrology and Earth Systems Sciences*. 16: 4023-4031. doi:10.5194/hess-16-4023-2012.
- Wang, L., P. D'Odorico, J.P. Evans, D. Eldridge, M.F. McCabe, K.K. Caylor, E.G. King. 2012. Dryland ecohydrology and climate change: critical issues and technical advances. *Hydrology and Earth System Sciences* 16: 2585-2603, doi:10.5194/hess-16-2585-2012.
- Soderberg, K., S.P. Good, M. O'Connor, **E.G. King**, K.K. Caylor. 2012. Evapotranspiration partitioning in a semi-arid African savanna using stable isotopes of water. *Geophysical Research Abstracts (EGU General Assembly, 22-27 April, 2012, Vienna, Austria)*14: EGU2012-12496.
- King, E.G.**, T.E. Franz, and K.K. Caylor. 2012. Ecohydrological interactions in a degraded two-phase mosaic dryland: implications for regime shifts, resilience, and restoration. *Ecohydrology* 5(6): 733-745. DOI: 10.1002/eco.260
- Franz, T.E., K.K. Caylor, **E.G. King**, J.M. Nordbotten, M.A. Celia, and I. Rodriguez-Iturbe. 2012. An ecohydrological approach to predicting hillslope scale vegetation patterns in dryland ecosystems. *Water Resources Research* 48, W01515, doi:10.1029/2011WR010524.
- Franz, T.E., **E.G. King**, K.K. Caylor, and D.A. Robinson. 2011. Coupling vegetation organization patterns to soil resource heterogeneity in a central Kenyan dryland using geophysical imagery. *Water Resources Research*, 47:W07531, DOI:10.1029/2010WR010127.
- King, E.G.** and K.K. Caylor. 2011. Ecohydrology in practice: strengths, conveniences, and opportunities. *Ecohydrology* 4: 608–612.
- King, E.G.** and T.E. Franz. 2011 Spread of succulent patches in degraded Kenyan drylands: ecohydrological dynamics *Proceedings of the IXth International Rangelands Congress, 6<sup>th</sup> - 11<sup>th</sup> April 2011, Rosario, Argentina*.
- King, E.G.** and K.K. Caylor. 2010. Herbivores and mutualistic ants interact to modify tree photosynthesis. *New Phytologist* 187(1): 17-21.
- King, E.G.** and S.G. Whisenant. 2009. Thresholds in ecological and linked socio-ecological systems: application to restoration. In: K. Suding and R.J. Hobbs, eds. *New Models for Ecosystem Dynamics and Restoration*. Washington DC, Island Press.
- King, E.G.** 2008. The dynamics of *Sansevieria intermedia* in degraded Kenyan drylands: regime shift or resilience mechanism? *Proceedings of the VIIIth International Rangelands Congress, 29 June - 5 July 2008, Hohhot, China*.
- King, E.G.** and M.L. Stanton. 2008. Facilitative effects of *Aloe* shrubs on grass establishment, growth, and reproduction in degraded Kenyan rangelands: implications for restoration. *Restoration Ecology* 16(3): 464-474.
- King, E.G.** 2008. Facilitative effects of naturally occurring *Aloe secundiflora* shrubs degraded semi-arid rangelands in Kenya. *Journal of Arid Environments* 72:358-369.

- King, E.G.** and R.J. Hobbs. 2006. Identifying linkages among conceptual models of ecosystem degradation and restoration: towards an integrative framework. *Restoration Ecology* 14(3): 369-378.
- King, E.G.** 2003. Planted aloes may help heal overgrazed rangelands and local economy in Kenya. *Ecological Restoration* 21(1): 52-53.
- King, E.G.** 2003. *Aloe secundiflora* shrubs as facilitators in Kenyan rangelands, and their potential use in restoration. *Proceedings of the VIIth International Rangelands Congress*, 26 July - 1 August 2003, Durban, South Africa. pp. 1210-1212.
- Kaplan, R.H. and **E.G. King**. 1997. Egg size is a developmentally plastic trait: Evidence from long term studies in the frog *Bombina orientalis*. *Herpetologica* 53(2): 149-165.
- King, E.G.** and R.H. Kaplan. 1997. Estimating ovum size in amphibians: egg size increases differentially among species during early development. *Journal of Herpetology* 31(2): 299-302.

#### **PUBLICATIONS IN PREPARATION**

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- King, E.G.**, R. Unks, G. Volpato, L. German. (*in preparation*) **Constraints and capacities for novel livelihood adaptation: lessons from agricultural adoption in a Kenyan dryland pastoralist system.** *Regional Environmental Change*.
- Volpato, G and **E.G. King**. (*in preparation*) Livelihood adaptation to climatic, ecological, and social transitions: Camel adoption among the Laikipia Maasai of Kenya. *Global Environmental Change*.
- German, L., R. Unks, P. Wachira, and **E. King**. (*in revision*) This Side of Subdivision: Individualization and Collectivization Dynamics in a Maasai Group Ranch Held under Collective Title.

#### **ORAL PRESENTATIONS (presenter in bold)**

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- Conference: Lear, K.M.**, E. King, J. Hepinstall-Cymerman, L. German, J. Flores Maldonado. 2016. Bats, Agaves, and People: An Interdisciplinary Approach to Assessing Potential “Bat-friendly” Agave Management by Mexican Communities. *North American Symposium on Bat Research, San Antonio TX, October 2016*.
- Conference: Nelson, D. R.**, King, E., McGreevy, J., German, L., & Isbell, F. 2016. A Framework to reconcile ecosystem services and adaptive capacities in rapidly transforming dryland social-ecological systems. *Global Land Programme, 3rd Open Science Meeting, Beijing, China, 25 October 2016*.
- Conference: King, E. G.**, & Franz, T. 2010. Combining ecohydrologic and transition probability-based modeling to simulate vegetation dynamics in a semi-arid rangeland. *Ecological Society of America Annual Meeting, Ft. Lauderdale, FL, 11 August 2016*.
- Invited Symposium: Volpato, G.**, & King, E. G. (2016). Livelihood adaptation to climatic, ecological, and social transitions: Camel adoption among the Laikipia Maasai of Kenya. *Ecological Society of America Annual Meeting, Ft. Lauderdale, FL, 10 August 2016*.
- Conference: Unks, R.**, King, E. G., Cymerman, J., & Isbell, F. (2016). An interdisciplinary analysis of semi-arid landscape change in Laikipia, Kenya. *Ecological Society of America Annual Meeting, Ft. Lauderdale, FL, 11 August 2016*.

- Conference: Lear, K.M.,** J. Flores Maldonado, L. German, E. King, J. Hepinstall-Cymerman. 2016. 'Bat-friendly' Tequila and Mezcal as a New Agent for Bat Conservation in a Telecoupled System. *International Association for Landscape Ecology Meeting, Asheville, NC, April 2016.*
- Conference: King, E.G.** and E.A. MacDonald. 2015. Prescribed Goat Browsing: Contexts, goals, impacts, and advantages. *Society for Ecological Restoration International Conference, Manchester, UK, 23-28 August, 2015.*
- Conference: King, E.G.** and E.A. MacDonald. 2015. Mended Nature: The Japanese Art of *Kintsukuroi* as a Metaphor in Ecological Restoration. *Society for Ecological Restoration International Conference, Manchester, UK, 23-28 August, 2015.*
- Conference (Invited): King, E.G.,** L. German, and R. Unks. 2015. Novelty, uncertainty, and adaptability: Risk perceptions and coping strategies of Kenyan pastoralists in a rapidly changing world. *Ecological Society of America Annual Meeting, Baltimore, Maryland, 8-14 August, 2015.*
- Workshop Presentation: King, E.G.** and N. Nibbelink. 2015. The educational ecosystem of interdisciplinary graduate training. *Workshop: "Educating the Interdisciplinary Ecologist: Assessing Educational Ecosystems to Help PhD Students Succeed, Get Hired, and Push Boundaries" held at the Ecological Society of America Annual Meeting, Baltimore, Maryland, 8-14 August, 2015.*
- Invited Keynote: King, E.G.** 2015. Capitalizing on complexity in sustainability science. *UGA 2<sup>nd</sup> Annual Sustainability Science Symposium, UGA, 29 January, 2015.*
- Conference: MacDonald, E.A.,** and E.G. King. 2015. New (Old) World Order: The recursive role of novel ecosystems in cultural landscape management. *Cultural Landscapes and Heritage Values Conference, Amherst MA, 13-15 May, 2015*
- Guest Lecture: King, E.G.** 2015. Environmental Issues in Africa. *Guest Lecture in AFST 2100 Introduction to Africa, UGA, 2 April 2015.*
- Conference (Invited): King, E.G.** 2014. Forays into Agriculture by Traditional Pastoralists in Kenya: Effects on Social and Ecological Vulnerability. *Society for Range Management Annual Meeting, Orlando, Florida, 10-14 February, 2014.*
- Invited Seminar: King, E.G.** 2014. Social-Ecological Transitions and Vulnerability in an African Pastoralist System. *Ostrom Workshop in Political Theory and Policy Analysis Colloquium, Indiana University, 10 March, 2014.*
- Invited Lecture: King, E.G.** 2014. African Pastoralist Systems: Restoration, Resilience, and Sustainability. *Society for Conservation Biology Georgia Chapter, UGA, 24 April, 2014.*
- Conference: King, E.G.,** Johnson, M.V., and D. J. Augustine. 2014. Rangeland ecology: cowboys and steaks?? *Ecological Society of America Annual Meeting, Sacramento, California, 10-15 August, 2014.*
- Conference: MacDonald, E.A.,** and E.G. King. 2014. Things merge into one: Recent eddies and flows in the theory and practice of historic landscape preservation and ecological restoration. *Alliance for Historic Landscape Preservation Annual meeting, St. Paul, MN, 21-24 May, 2014.*

- Guest Lecture: King, E.G.** 2014. Water and Development in Africa. *CRSS/WASR 1020 Introduction to Water Resources, UGA, 21 March 2014.*
- Guest Lecture: King, E.G.** 2014. Environmental Issues in Africa. *Guest Lecture in AFST 2100 Introduction to Africa, UGA, 3 April 2014.*
- Guest Lecture: King, E.G.** 2014. Environmental Issues in Africa. *Guest Lecture in AFST 2100 Introduction to Africa, UGA, 23 October 2014*
- Invited Seminar: King, E.G.** 2013. African Pastoralism in Transition: Linked social and ecological dimensions of sustainability. *UGA APERO Africana Lecture, October 2013.*
- Conference: King, E.G.** and T.E. Franz. 2013. Spatiotemporal variability in landscape function in a semi-arid rangeland in Kenya. *Ecological Society of America Annual Meeting, Minneapolis, MN, 2013.*
- Conference: King, E.G.** and R.R. Unks. 2013. Rangeland restoration and livelihood diversification: Social-ecological vulnerability in emerging mixed land use systems. *Society for Ecological Restoration International Conference, Madison, WI, 2013.*
- Invited Seminar: King, E.G.** 2013. African Pastoralism in Transition: Linked social and ecological dimensions of sustainability. *UGA Geography Colloquium, September 2013.*
- Invited Seminar: King, E.G.** 2012. Plants and People: Aloes, Ecosystem Health, and Livelihoods in Kenya. *Johnstone Lecture, Georgia State Botanic Gardens, Nov. 2012.*
- Invited Seminar: King, E.G.** 2012. African Pastoralism in Transition: Linked social and ecological dimensions of sustainability. *Warnell School of Forestry & Natural Resources, UGA, Nov. 2012*
- Invited Symposium: King, E.G.** and E. Kaye-Zwiebel. 2012. Kenyan pastoralists in transition: varying perceptions in the value of ecosystem services. *Invited Symposium, EcoSummit Conference, Columbus, OH, Oct. 2012*
- Invited Panelist: King, E.G.** 2012. Training conservation scientists and practitioners for 21st century global challenges. *Workshop on Conservation, EcoSummit Conference, Columbus, OH 2012.*
- Invited Seminar: King, E.G.** 2011. Technology and social dimensions of community-based restoration in Kenya. *Collective Motion, Princeton Engineers Without Borders, 2011*
- Invited Workshop Presentation: King, E.G.** and E. Kaye-Zwiebel. 2011. Kenyan pastoralists in transition: Social capital, resource management, and perceptions of ecosystem services. *National Center for Ecological Analysis and Synthesis Sustainability Science Working Group, 2011.*
- Conference: King, E.G.** and E. Kaye-Zwiebel. 2011. The role of social capital in community-based restoration. *Society for Ecological Restoration International Conference, Merida, Mexico, 2011.*
- Invited Seminar: King, E.G.** 2010. Plants Behaving Badly: Ecosystem Dynamics and Livelihood Impacts of the Proliferation of an Undesirable Native Plant in Kenyan Drylands. *Ndaba Lecture Series in African Studies, Princeton University, 2010.*
- Invited Workshop Presentation: King, E.G.** 2010. Traditional East African Pastoralism: Worked Examples of Coupled Human-Environment Systems. *National Center for Ecological Analysis and Synthesis Distributed Graduate Seminar on Sustainability Science, 2010.*

- Conference: King, E.G.** and T. Franz. 2010. Proliferation of a native succulent in semi-arid Kenyan rangelands: Ecohydrological dynamics and implications for resilience. *Ecological Society of America Annual Meeting, Pittsburgh, PA, 2010.*
- Invited Seminar: King, E.G.** 2009. Resilience-Based Approaches to Ecological Restoration in Kenyan Drylands. *Biology Department Seminar, Reed College, 2009.*
- Invited Seminar: King, E.G.** 2008. Resilience Thinking and African Pastoralist Systems: A New Course with a New Perspective. *Ndaba Lecture Series in African Studies, Princeton University, 2008.*
- Invited Seminar: King, E.G.** 2007. Rehabilitating Communal Drylands in Kenya: Innovations and Obstacles. *Millennium Seed Bank, Royal Botanic Gardens, Kew, England, 2007.*
- Invited Workshop Presentation: King, E.G.** 2006. Community-based Rangeland Restoration: Theory and Practice. *Training course: Advanced Ecological Training for Samburu District secondary educators. Mpala Research Centre, Kenya, 2006.*
- Invited Seminars: King, E.G.** 2006. Ecological Restoration in a Kenyan Pastoralist Community: Innovations and Obstacles. *Global Development Forum, Princeton University, 2007; Ndaba Lecture Series in African Studies, Princeton University, 2006.*
- Conference: E.G. King, M. Roberts, and E. Meyerhoff.** Developing a grassland restoration and sustainable land use strategy for a communally-owned pastoralist area in Kenya. *International Society for Ecological Restoration Annual Meeting, Zaragoza, Spain, 2005*
- Invited Symposium: King, E.G.** and J.E. Herrick. 2004. Making ecology relevant to rangeland sustainability: Trends, lessons and challenges for stronger links between ecology, society, and policy. *Ecological Society of America Annual Meeting, Portland OR, 2004.*
- Conference: King, E.G.** 2004. Facilitative effects of *Aloe secundiflora* in degraded Kenyan rangelands: Potential ecological and economic benefits. *Society for Ecological Restoration Annual Meeting, Victoria BC, 2004.*
- Seminar: King, E.G.** 2004. *Aloe secundiflora* shrubs as facilitators in degraded Kenyan rangelands, and their potential use in restoration. *Center for Population Biology, Univ. of California, Davis, 2004.*
- Invited Seminar: King, E.G.** 2004. *Aloe secundiflora* shrubs as facilitators in degraded Kenyan rangelands, and their potential use in restoration. *Dept. of Natural Resources & Environmental Sciences, Univ. of Nevada, Reno, 2004.*
- Invited Workshop Presentation: King, E.G.** 2003. Ecological principles in rangeland restoration. *Professional Workshop on Rangeland Restoration, VII<sup>th</sup> International Rangeland Congress, Durban, South Africa, 2003.*
- Invited Lecture: King, E.G.** 1994. Population genetics and rare plant conservation: Oregon wildflowers and Kenyan aloes. *National Museums of Kenya, 1994.*

## POSTER PRESENTATIONS

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- Jungels, J., E.G. King, C. Moore, and N. Nibbelink. 2016. Conserving Jekyll Island's Wetland Treasures: How are Freshwater Forested Swamps Responding to Environmental Stresses? *University of Georgia Sustainability Summit, 7 December 2016.*
- McKinney, A., E.A. MacDonald, E.G. King, and A. Hellenga. 2015. Prescribed Goat Grazing to restore campus ecosystems and create a community of sustainability: *Society for Ecological Restoration International Conference, Manchester, UK, 23-28 August, 2015.*



- King, E.G., L. German, R. Unks, and T. Franz. 2014. East African pastoralism in transition: social and ecological dimensions of vulnerability. *Ecological Society of America Annual Meeting, Sacramento CA, 2014.*
- Chambliss, S. and E.G. King. 2011. Plants behaving badly: proliferation of a native succulent in Kenyan drylands. *Ecological Society of America Annual Meeting, Austin, TX 2011.*
- King E.G. 2009. The role of *Sansevieria intermedia* in degradation and recovery in Kenyan drylands. *VIIIth International Rangelands Congress, 29 June - 5 July 2008, Hohhot, China.*
- Lear, K.M., J. Flores Maldonado, L. German, E. King, J. Hepinstall-Cymerman. 2016. 'Bat-friendly' Tequila and Mezcal as a New Agent for Bat Conservation in a Telecoupled System. *International Association for Landscape Ecology Meeting, Asheville, NC, 2016.*

## **GRANTS AND FELLOWSHIPS**

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### **Jekyll Island Authority**

2016-2020, PI, Environmental Stressors and Priority Plant Communities on Jekyll Island, Georgia (\$150,000)

### **R. Howard Dobbs, Jr. Foundation**

2016-2108, Co-PI, Tools to Promote Cost-effective Conservation of Forested Wetlands in Georgia Balancing Economic Returns to Landowners with the Preservation of Multiple Ecosystem Services in Georgia's Coastal Zone (\$158,956)

### **National Science Foundation**

2013-2017 PI, Coupled Natural-Human Systems Exploratory Grant (\$249,525)

### **Georgia Department of Natural Resources**

2013-2015 Co-PI, Coastal Incentive Grant (\$46,098)

### **Princeton University Fellowships**

2011-2012 Associate Research Fellow, Princeton Environmental Institute

2008-2011 Postdoctoral Fellow, Princeton Environmental Institute

2006-2008 Postdoctoral Fellow, Princeton Institute for Int'l and Regional Studies

### **Princeton University Grants**

2010 Princeton Institute for International and Regional Studies Exploratory Grant (\$15,000)

### **National Science Foundation**

2002-2004 International Dissertation Enhancement Grant

1997-2001 Graduate Research Fellowship

### **University of California, Davis**

2001-2003 Gifford Center for Food, Population, & Environment Research Grants

1999-2001 UC Davis Graduate Research Mentorships

### **Fulbright Scholarship**

1994-1995 Plant Conservation Unit, National Museums of Kenya

## AWARDS

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2015	Odum School of Ecology Instructor of the Year
2004	Student Oral Presentation Award, Society for Ecological Restoration International
2003	Center for Population Biology Travel Award, UC Davis
2002-2003	Krantz International Agriculture Award, UC Davis
2003	Kramer-Balderston Memorial Award, UC Davis
2002	ARCS Foundation Scholarship
1998, 2002	Center for Population Biology Research Award, UC Davis
2002	Consortium for Women and Research Travel Award, UC Davis
2002	Davis Botanical Society Research Award, UC Davis
2002	Humanities Graduate Research Award, UC Davis
2002	Summer Research Fellowship, UC Davis
1999	Cactus and Succulent Society of America Research Award

## ACADEMIC & PROFESSIONAL SERVICE

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Symposium Co-Organizer, Ecological Society of America Annual Meeting <i>“Advances in Research on Tipping Points in Social-Ecological Systems”</i>	2016
Co-Organizer, Keynote Speaker, 2 <sup>nd</sup> Annual UGA Sustainability Science Symposium 1-day interdisciplinary symposium; responsibilities included: Agenda planning, reviewing abstracts, and delivering opening keynote address.	Jan. 2015
Co-Organizer, 1 <sup>st</sup> Annual UGA Sustainability Science Symposium 1-day interdisciplinary symposium; responsibilities included: inviting and recruiting keynote speakers, agenda planning, reviewing abstracts, design of a faculty and a student workshop, conducting faculty workshop, and delivering opening remarks.	Feb. 2014
Organizer and host, CICR International Scholar Visit: Prof. Richard Hobbs Planned and hosted 3-day UGA campus residency, including cross-departmental seminar, graduate student workshop, guest lecture in UGA undergraduate class, panelist in CICR brown bag seminar, student/faculty social events.	Oct. 2013
Past-Chair, Rangeland Ecology Section, Ecological Society of America	2014-present
Governing Board member, Ecological Society of America	2013-2014
Chair, Rangeland Ecology Section, Ecological Society of America	2013-2014
Co-Organizer, UGA-NSF Open Video Conference on Sustainability Research	Sept. 2013
Vice-chair, Rangeland Ecology Section, Ecological Society of America	2012-2013
Guest Co-Editor, Special Issue of <i>Ecology and Society</i>	2013-present
Symposium Co-Organizer, Ecological Society of America Annual Meeting <i>“Translational Ecology: Forging effective links between knowledge and action”</i>	2012
Symposium & Workshop Organizer, Princeton Inst. for International & Regional Studies <i>“From Mongolia to Maasailand: A Comparative Assessment of Linkages Between Pastoralist Land Rights and Social-Ecological Sustainability”</i>	2010
Panelist, Engineers Without Borders Conference, Princeton University <i>“Collective Motion: Mainstreaming Sustainability in Development”</i>	2010

Symposium Co-Organizer, Ecological Society of America Annual Meeting 2004  
“*Ecological Theory and Rangeland Sustainability: Local Strategies, Global Solutions*”

Acting Secretary, International Affairs Section, Ecological Society of America 2004

Professional Workshop Co-Organizer, International Rangeland Congress 2003  
“*Rangeland Restoration*”

Reviewer: *Acto Oecologica, African Journal of Range & Forage Science, Agriculture Ecosystems & Environment, Diversity & Distributions, Ecology and Society, Environment Development and Sustainability, Ecological Economics, Ecosystems, Environmental Research Letters Functional Ecology, Human Ecology, Hydrological Processes, Journal of Arid Environments, Journal of Geophysical Research, Journal of Vegetation Science, Land Degradation & Development, Oecologia, Rangeland Ecology & Management, Scientia Agricola, The Rangeland Journal, Restoration Ecology, Scientia Agricola*

## **LANGUAGES**

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English, Spanish, Swahili