

Timothy D. Baird

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EDUCATION

PhD Geography, University of North Carolina, 2012
MA Geography, University of North Carolina, 2007
BA Economics, Bowdoin College, 1999
General Course, London School of Economics and Political Science, 1998

ACADEMIC APPOINTMENTS & AFFILIATIONS

Associate Professor, 2018-present, Department of Geography, Virginia Tech
Senior Fellow, 2016-present, Institute for Creativity, Arts, and Technology
Director, 2015-present, Pathways to Sustainability Minor
Assistant Professor, 2012-2018, Department of Geography, Virginia Tech

RESEARCH INTERESTS

Pastoral systems, common-pool resources, conservation, coupled human and natural systems, regime shifts, sustainable development, information and communication technologies, gendered social networks, human-centered smart environments, undergraduate learning and motivation.

PEER-REVIEWED JOURNAL ARTICLES

* Student advisee

Baird, T.D., D. Kniola, J. Hartter, K. Carlson, D. Russell, S. Rogers and J.C. Tice. (Accepted with minor revisions) Adapting Pink Time to promote self-regulated learning across course types. **International Journal of Teaching and Learning in Higher Education**.

*Jensen, D., T.D. Baird, G.B. Blank (2018) New Landscapes of Conflict: Land Use Conflict at the Urban-Rural Fringe. **Landscape Research**.

Santo, A., K. Guillozet, M.G. Sorice, T.D. Baird, S.A. Gray, C.J. Donlan and C.B. Anderson (2017) Examining private landowners' knowledge systems of an invasive species. **Human Ecology** 45 (4): 449-462.

Baird, T.D. and J. Hartter (2017) Livelihood Diversification, Mobile Phones and Information Diversity in Northern Tanzania. **Land Use Policy** 67: 460-471.

Baird, T.D., B.C. Chaffin and D.J. Wrathall (2017) A disturbance innovation hypothesis: Perspectives from human and physical geography. **The Geographical Journal** 183 (2): 201-208.

*Lewis, A.L., T.D. Baird and M.G. Sorice (2016) Mobile phone use and human-wildlife conflict in northern Tanzania. **Environmental Management** 58 (1): 117-129.

Stern, M.J. and T.D. Baird (2015) Trust ecology and the resilience of natural resource management institutions. **Ecology and Society** 20 (2): 14.

- Baird, T.D., D.J. Kniola, A.L. Lewis* and S.B. Fowler (2015) Pink Time: Evidence of self-regulated learning and academic motivation in undergraduate students. **Journal of Geography** 114 (4): 146-157.
- Baird, T.D. (2015) Conservation implications of the diffusion of Christian religious ideals in rural Africa. **Population and Environment** 36 (4): 373-399.
- MacKenzie C.A., T.D. Baird, J. Hartter (2014). Use of Single Large or Several Small Policies as Strategies to Manage People-Park Interactions. **Conservation Biology** 28 (6): 1645-1656.
- Baird, T.D. and C.L. Gray (2014). Livelihood Diversification and Shifting Social Networks of Exchange: A Social Network Transition? **World Development** 60: 14-30.
- Baird, T.D. (2014). Conservation and unscripted development: Proximity to park associated with development and financial diversity. **Ecology and Society** 19 (1): 4.
- Baird, T.D. and P.W. Leslie (2013). Conservation as disturbance: Upheaval and livelihood diversification near Tarangire National Park. **Global Environmental Change** 23 (5): 1131-1141.
- Baird, T.D. (2013). Parks and Place Fragments: The Implications of Biodiversity Protection in Tanzania and Indiana. **African Geographical Review** 32 (1): 100-104.
- Baird, T.D., P.W. Leslie, and J.T. McCabe (2009). Effect of Conservation on Local Perceptions of Risk and Behavioral Response. **Human Ecology** 37 (4): 463-474.
- Miller, T.R., T.D. Baird, C. Littlefield, G.P. Kofinas, F.S. Chapin III, and C.L. Redman (2008). Epistemological Pluralism: Reorganizing Interdisciplinary Research. **Ecology and Society** 13 (2).

INVITED COMMENTARIES

- Baird, T.D. (2015) Comment on C. Kasper and M. Borgerhoff Mulder, Who Helps and Why? Cooperative Networks in Mpimbwe. **Current Anthropology** 56 (5): 701-732.
- Baird, T.D. (2015) Motivate the Future. **Pedagogy in Practice**. Center for Instructional Development and Educational Research (CIDER), Virginia Tech, 2-4.

MANUSCRIPTS IN REVIEW OR IN PREPARATION

- Revising to resubmit: Quandt, A., J. Salerno, J. Neff, J. Hartter, T. Baird, J. Herrick, J.T. McCabe, and E. Xu. Mobile phone use associated with higher smallholder agricultural productivity in East Africa. **Information Technologies & International Development**.
- Revising to resubmit: *Fox, D., T.D. Baird, M.J. Stern, S.P. Prisley. Where mobile groups settle: spatial patterns and correlates of Maasai pastoralist sedentarization in northern Tanzania. **Applied Geography**.
- In preparation: Lee, E. & T.D. Baird. Comparing university students' responses to Pink Time assignment in South Korea and the United States.
- In preparation: Polys, N., N. Ma, S. Bharambe, D. Saha, T. Baird, K. Luther, L. Arsenault, J. Ivory, L. Ward, D. Kniola, N. Falla, R. Tasooji, M. Favero, D. Ketchum, V. Sivakumar, C. Sun, B. Knapp. **Mirrors of Perception: Parallel Worlds and Next Generation Building Interfaces**.
- In preparation: Hartter, J., J. Salerno, A. Quandt, J. Herrick, J. Neff, J.T. McCabe, T. Baird, Social guardrails for the development of mobile phone applications for rural users in the developing world.

In preparation: *Fosnocht, E., T. Baird, R. Sarlo. Using building-based sensors to assess patterns of human behavior in an informal learning environment.

GRANTS & AWARDS

External Grants

Steelcase, Inc., 2018-2020

Active Learning Center Grant: Integrating Social Science and Sensing Technologies to Examine Active Learning Environments. T. Baird (PI), D. Kniola, P. Tarazaga, B. Knapp, V. Thomas, R. Wynne, L. Fuller (approx. \$67,000).

National Science Foundation, 2017-2020

Geography and Spatial Sciences & Cultural Anthropology Programs. SBE-RUCK: The effects of mobile phones on gendered social networks, decision making and vulnerability. T. Baird (PI), E. Woodhouse, J.T. McCabe, (BCS-1660428) (\$330,034 + £40,051).

National Geographic Society, 2013-2014

Committee for Research and Exploration: Texting the Last Great Herds: Maasai Social Networks and Land Use in the Age of the Cell Phone. T. Baird (PI) and J. Hartter, (CRE #9293-13) (\$17,720).

Fulbright-Hays DDRA, 2009-2010

U.S. Department of Education: Wildlife Conservation and the Role of Inter-household Exchange in Social-Ecological Resilience. Timothy Baird (PI), (\$38,106).

National Science Foundation, 2009-2010

Doctoral Dissertation Research: Wildlife Conservation and the Role of Inter-household Exchange in Social-Ecological Resilience. Paul Leslie (PI) and Timothy Baird, (BCS-0927173) (\$12,000).

External Honors & Awards

- 2019 International Design Award (IDA) (Silver) Children's products-feeding. (Lead designer: Kiyah Duffey; Design team: Daniel Martin, Timothy Baird, Alex Barrett)
- 2013 Nystrom Dissertation Award (Finalist), American Association of Geographers (AAG)
- 2012 Student Paper Award, Cultural and Political Ecology Specialty Group, AAG
- 2012 Student Paper Award, Africa Specialty Group, AAG
- 2009 George Melendez Wright Scholarship, George Wright Society
- 2009 Dissertation Research Grant, AAG
- 2008 Indiana Dunes National Lakeshore Park Break Fellowship, Texas A&M, NPS, USGS
- 2007 NSF Conf. for Sustainability IGERTs Travel Grant, Univ. of Alaska-Fairbanks

Internal Research Grants

Sabbatical Fellowship, 2020

Institute for Creativity, Arts, and Technology, VT. T. Baird (PI). Approx. \$42,000

SEAD Mini Grant, 2018-2019

Institute for Creativity, Arts, and Technology, VT. Instrumenting computers labs in Cheatham Hall to support Steelcase Active Learning Classroom. T. Baird (PI), D. Kniola and P. Tarazaga. \$3,000

Human-Centered Smart Environments SEAD Grant, 2016-2017

Institute for Society, Culture and Environment & Institute for Creativity, Arts, and Technology, VT. Boosting University Infrastructure for Learning + Discovery (BUILD). T. Baird (PI), D. Kniola and P. Tarazaga. \$30,000

Innovation Seed Grant, 2016-2017

Office for Vice Chancellor of Research, University of Colorado. Improving Access to Agricultural Knowledge Through Mobile Phones: Exploring the Potential for Technology Adoption in Africa. J. Hartter (PI), J. Neff, J.T. McCabe, J. Herrick, T. Baird, A. Quandt, J. Salerno. \$50,000

SEAD Mini Grant, 2015-2016

Institute for Creativity, Arts, and Technology, VT. Identifying collaboration & creativity in instrumented buildings to support innovation. T. Baird (PI), D. Kniola and P. Tarazaga. \$3,000

National Science Foundation IGERT Traineeship, 2005-2010

Carolina Population Center, UNC: Population and environment interactions. Approx. \$125,000

Internal Teaching Awards

- 2018 XCaliber Award for exceptional, high-caliber contributions to technology-enhanced teaching and learning, Office of the Provost, VT (\$1000)
- 2018 University Sporn Award (finalist) for excellence in teaching introductory subjects, Office of the Provost, VT
- 2018, 19 Diggs Teaching Scholar Award (finalist with David Kniola) for excellent teachers who model innovative pedagogical practices that advance, challenge and/or unsettle existing conventions of teaching and learning, Office of the Provost, VT
- 2017 Favorite Faculty Award, Housing and Residential Life, Division of Student Affairs, VT

Internal Teaching Grants

Pathways Minor Delivery Grant, 2016-2018

Office of Undergraduate Academic Affairs, VT. Administering Sustainability Pathways Minor. Timothy Baird (PI), Bill Carstensen. \$70,000

Pathways Scholar, 2015-2017

Office of Undergraduate Academic Affairs, VT. Directing pathways sustainability minor and developing "Africa Together" course. Approx. \$19,000

Inclusion Pedagogy Grant, 2014-2015

Office of Diversity and Inclusion, VT. Pink Time Expansion: Moving from Grade-based to intrinsic motivations for student learning. \$1,500

Other Internal Awards

- 2018-19 Support from VT CNRE, CLAHS, and SOE to support Steelcase award (\$16,000)
- 2013-14 International Travel Supplemental Grants, VT (\$2,700)
- 2013 Assistant Professor Mentoring Grant, Provost's Office, VT (\$1,500)
- 2009-11 GRC Teaching Grants, Office for Undergraduate Research, UNC (\$1,500)
- 2006-11 Department Travel Grants, Dept. of Geography, UNC (\$2,000)
- 2010 Doctoral Research Residency Award, Carolina Population Center, UNC (\$4,550)
- 2010 Graduate Tuition Incentive Scholarship, Graduate School, UNC (\$3,000)
- 2010 Graduate Student Mentoring Award, Office for Undergraduate Research, UNC (\$1,000)
- 2009 Interdisciplinary Research Fellowship, Graduate School, UNC (approx. \$10,000)
- 2008 Transportation Grant, Graduate School, UNC (\$1,000)
- 2008 Future Faculty Fellowship, Center for Teaching and Learning, UNC (\$500)
- 2007 Pre-Dissertation Research Travel Award, Center for Global Initiatives, UNC (1,000)
- 2005 C. V. Starr International Scholarship, Office of International Affairs, UNC (\$2,500)

TEACHING & ADVISING

Teaching

Associate Professor, Department of Geography, Virginia Tech, 2018- Present. Undergrad courses: Seeking Sustainability I (GEOG 1115/NR 1115), every fall; Seeking Sustainability II (GEOG 1116/NR 1116), every spring; Africa Together (GEOG 4984), every other spring. Graduate courses: Human Environment Interactions (GEOG 5984) every other spring.

Assistant Professor, Department of Geography, Virginia Tech, 2012- Present. Undergrad courses: Seeking Sustainability I (GEOG 1115/NR 1115), every fall; Seeking Sustainability II (GEOG 1116/NR 1116), every spring; Africa Together (GEOG 4984), every other spring. Graduate courses: Cultural and Political Ecology or Human Environment Interactions (GEOG 5984) every other spring.

Instructor/Teaching Fellow, Department of Geography, University of North Carolina, 2008-12. Undergraduate courses: Environmental Conservation (GEOG 1112); Capstone Course in Geography (GEOG 420) co-taught with Dr. John Florin

Teaching Assistant, Department of Geography, University of North Carolina, 2004-09. Undergraduate courses: Weather & Climate (GEOG 111) Fall 2009; Environmental Systems (GEOG 110) Spring 2005, Fall 2008; World Regional Geography (GEOG 120) Fall 2004.

Advising – current students

PhD students: Najla Mouchrek, Human Centered Design (committee); Brooke Baugher, Civil Engineering (committee)

MS students: Kelly Summers, Geography (chair); Mark Villarreal, Geography (chair);

Undergrad students: Erin Fosnocht, Physics; Defne Kansu, Industrial Design

Advising – former students

MS students: David Fox, Geography (chair); Ashley Lewis, Geography (chair); Anna Santo, FREC (committee); Taylor Bolte, Civil Engineering (committee).

Undergrad students: Carrie Vergel de Dios, Geography; Brooke Baugher, Mechanical Engineering; Kaylyn Duda, Meteorology; Joseph Tise, Psychology, Virginia Pellington, Journalism and Media Studies.

Advising – student awards

2019 Student Poster Award (1st Place) *Kelly Summers (with Timothy Baird, Emily Woodhouse, and Maria Elisa Christie) Women and Gender in Development Conference (CIRED, VT).

2017 VT Department of Geography Outstanding Teaching Assistant, David Fox.

2014 Deurr Scholarship, Virginia P.E.O., Ashley Lewis (\$2,000).

SERVICE

Disciplinary Service

Member, Editorial Board, Human Ecology (Springer journal), 2019 – Present

University Service (select)

Member, Commission on Fraternity and Sorority Life Culture, Office of Provost, VT, 2018 – Present

Member, Board of Directors, Virginia Tech Services, 2018 – Present

Senior Fellow, Institute for Creativity, Arts, and Technology, VT, 2016 – Present

Senior Fellow, Honors Residential Commons, VT, 2017 – Present

Director, Sustainability Pathways Minor, Dept. of Geography, VT, 2014 – Present

Pathways Scholar, Office of Undergraduate Academic Affairs, VT, 2015 – 2017

Member, Beyond Boundaries Visioning Initiative – Campus of the Future Working Group, Office of the Provost, VT, 2015-2016

University Service (other)

Member, Creativity & Innovation District LLC Design Leadership Team, VT, 2018

Member, Creativity & Innovation District Working Group, Office of the Provost, VT, 2016 – 2017

Member, Multi Modal Transit Facility Sustainability Showcase Committee, Office of University Planning, VT, 2016 – 2017

Member, Energy and Sustainability Committee, Faculty Senate, VT, 2014 – 2017

Member, Atrium Task Force, Office of the Provost, VT, 2015

Member, Review committee for 1956 Ut Prosim Scholarship, University Honors, VT, 2014

College Service

Fellow, Sustainability Institute, CNRE, VT, 2015 – 2016

Fellow, Center for Leadership in Global Sustainability, VT, 2013 – 2015

Department Service (select)

Member, Promotion & Tenure committee, Dept. of Geography, VT, 2018

Organizer, Monday/Friday Strategic Planning Initiative, Dept. of Geography, VT, 2018

Member, Search committee for Department Head, Dept. of Geography, VT, 2016-17

Member, Search committee for Department Head, Dept. of Geography, VT, 2015-16

Member, Search committee for Assistant Professor, Dept. of Geography, VT, 2013

Department Service (other)

Member, Communications committee, Dept. of Geography, VT, 2018-Present

Member, Faculty development committee, Dept. of Geography, VT, 2018-Present

Member, Faculty development committee, Dept. of Geography, VT, 2016-17

Member, Graduate committee, Dept. of Geography, VT, 2015 – Present

Member, Undergrad committee, Dept. of Geography, VT, 2012 – 2013

Co-President, Graduate Association of Geography Students, UNC, 2007 – 2008

Co-Director, Colloquia Speaker Series, Dept. of Geography, UNC, 2005 – 2006

Student Representative, Grad Committee, Dept. of Geography, UNC, 2004 – 2006

Student Member, Advisory Committee, Dept. of Economics, Bowdoin College, 1998 – 1999

Journal & Grant Reviews

Ambio (1); Conservation Biology (2); Ecology and Society (2); the Geographical Journal (1); Human Organization (2); Journal of Geography (2); Journal of Natural Resources Policy Research (1); National Geographic Society (1); National Science Foundation (3); Oryx (1); Pastoralism (2); PLOS One (2); Population and Environment (1); Rangeland Ecology & Management (1); Sage Open (1); Society & Natural Resources (3); World Development (1)

PRESS

Research in the news

2018 “Classroom Revamp: How four Active Learning Center Grant recipients are transforming their space for the new school year” by Steelcase Education (October)

2018 “Steelcase funds work to create an active learning space where students and faculty collaborate” by Susan Bland, VT News, Virginia Tech (May)

2017 “On the savanna, mobile phones haven’t transformed Maasai lives... yet” by Timothy Baird, www.theconversation.com (June)

- 2016 “Trust in Natural Resource Management” by Cherice Bock, www.wholeterrain.com (May)
- 2016 “The Maasai Tribe Goes Mobile” by Andrew Zaleski, www.rewrite.ca.com (April)
- 2016 “When Maasai Picked Up the Phone” by Jenifer Joy Madden, www.durablehuman.com (April)
- 2016 “How Texting Helps Maasai Farmers Avoid Lion Attacks in Rural Tanzania” by Kaleigh Rodgers, www.motherboard.vice.com (March)
- 2016 Field Notes, “The Maasai: changed, for better or worse, by cell phones” by Daniel Stone, National Geographic Magazine (March)
- 2015 “Modern Family, Age-old traditions rapidly fading on the savannah” by Susan Trulove, Virginia Tech Research Magazine (Summer)
- 2015 Explorer Moment of the Week, “Texting the Last Great Herders,” National Geographic Online
- 2015 “New approach to student projects promotes passion, learning for it’s own sake” by Lynn Davis, VT News, Virginia Tech (January)
- 2011 “The People and the Park” by Beth Mole, Endeavors Magazine, Office of the Vice Chancellor of Research, UNC (April)
- 2009 Highlight, “An Integrative and Interdisciplinary Approach to Conservation, Livelihoods, and Resilience around Parks and Protected Areas in East and Southern Africa” NSF-IGERT Website

Teaching in the news

- 2019 “Welcome to the Pathways to Sustainability Minor” VT News Video, Virginia Tech (January)
- 2018 “Timothy Baird receives XCaliber Award” VT News, Virginia Tech (April)
- 2017 “Innovative ‘Pink Time’ learning exercise puts student on career path” VT News, Virginia Tech, (January)
- 2016 “ACT Faculty Excellence: Elizabeth Hane” by Division of Academic Affairs at Rochester Institute of Technology (December)
- 2015 “Skipping Class” by Tim Baird, Virginia Tech Magazine (Fall)
- 2015 “Pathways Scholars Announced”, VT News, Virginia Tech
- 2015 the Ubiquitous Librarian, “Confronting the Unexpected: Pink Time & Intrinsic Learning” by Brian Mathews, the Chronicle of Higher Education (March)
- 2015 “Professors present off-the-wall Pink Time program” by Sam Schmidt and Lewis Millholland, Collegiate Times, Virginia Tech (February)
- 2014 “Teacher of the Week,” CIDER, Virginia Tech

Outreach in the News

- 2008, LOCOVORE nation™ Correspondent for The Splendid Table, American Public Media / National Public Radio. One of 15 selected nationally to participate in year-long qualitative examination of what it takes to live by a regionally based diet. Activities included eating 80% locally for 1 year, extensive blogging and multiple national radio interviews.

EXPERIENCE & TRAINING

Field Research

- 2018 (1.25 months) Gendered Social Networks and ICTs / Tanzania / supported by NSF
- 2017 (1.25 months) Social Networks and ICTs / Tanzania / supported by NSF and Univ. of Colorado
- 2014 (1.5 months) Social Networks and ICTs / Tanzania / supported by National Geographic Society
- 2010 (11.5 months) Dissertation Research / Tanzania / supported by Fulbright-Hays, NSF, CPC
- 2006 (1.5 months) Field Research Training / Tanzania / supported by CPC and other offices at UNC
- 2005 (1.5 months) Field Research Training / Tanzania / supported by CPC and other offices at UNC

Media Training

2015, National Geographic Storytelling Bootcamp, Washington DC (incl. training in public speaking, photography, social media, and videography). Organized by Denise Pritchard.

Pedagogical Training

2018, Steelcase Active Learning Symposium, Grand Rapids, MI.

2012-13, New Faculty Teaching Certificate Program, CIDER, VT. Conducted by Peter Doolittle.

2008, Future Faculty Fellow, Center for Teaching and Learning, UNC. Conducted by Ed Neal.

Community Engagement Training

2008, Park Break Fellow, Indiana Dunes National Lakeshore / supported by USGS, NPS, Texas A&M

PRESENTATIONS

Invited Talks/Panels

8. Panel: (2019) Forum on Environmental Security: Operationalizing data for evidence-based decision-making, Sponsored by: VT CNRE, ITA International LLC, and International Stability Operations Association, Arlington, VA.
7. Talk: (2013) Bio-diversifying: How biodiversity conservation breeds social and economic diversity across scales in northern Tanzania, Virginia Tech Africa Coalition, Blacksburg, VA.
6. Talk: (2013) Conservation as Disturbance: How Tarangire National Park has cultivated social and economic diversity in northern Tanzania, Center for African Studies, University of Florida, Gainesville, FL.
5. Talk: (2012) Trends in “Unscripted” Development and Education in the Land of Big Game Conservation, Department of Forest Resources & Environmental Conservation, Virginia Tech, Blacksburg, VA.
4. Talk: (2012) Parks as Disturbance: Economic Diversification and Social Networks in Tanzania, Department of Earth Sciences, Montana State University, Bozeman, MT.
3. Talk: (2012) Parks as Disturbance: Livelihood Diversification and Social Networks in Northern Tanzania, Department of Geography, Virginia Tech, Blacksburg, VA.
2. Talk: (2011) Conservation, Disturbance and Social Networks, Department of Geography, University of Delaware, Newark, DE.
1. Talk: (2011) Conservation, Disturbance and Social Networks, Globalisation and Development Program, Maastricht University, the Netherlands

Conference, Workshop and Other Presentations

Teaching

20. *Villarreal, M., T. Baird (2019, Feb) Strategies to evaluate informal learning spaces using sensor based methods. Paper to be presented at the annual *Conference on Higher Education Pedagogy*, Virginia Tech, Blacksburg, VA.
19. *Fosnocht, E., T. Baird, (2019, Feb) Integrating social and accelerometer data to examine informal learning spaces. Paper to be presented at the annual *Conference on Higher Education Pedagogy*, Virginia Tech, Blacksburg, VA.
18. Baird, T., E. Lee (2019, Feb) Comparing Pink Time in South Korea and the United States. Paper to be presented at the annual *Conference on Higher Education Pedagogy*, Virginia Tech, Blacksburg, VA.
17. Baird, T. (2018, Dec) Applying the Pink Time assignment in a K-8 setting, Blacksburg New School,

Blacksburg, VA.

16. Baird, T. (2018, Nov) You are not going to discover your passion. Invited talk at Principal's Tea for the Honors Residential Commons, Virginia Tech, Blacksburg, VA.
15. Baird, T. (2018, Aug) Sustainability: koalas, casseroles, bowling and math. Invited keynote presentation for the Honors Residential Commons Annual Exchange, Virginia Tech, Blacksburg, VA.
14. Baird, T. (2017, Oct) Invited discussion regarding Daniel Pink's Drive and applying Pink Time in the classroom, Faculty Book Group (led by Candice Small), Radford University, Radford, VA.
13. Baird, T. (2017, Apr) Invited talk for Principal's Tea, Virginia Tech Honors Residential Commons, Blacksburg, VA.
12. Baird, T. (2017, Apr) Invited talk for Earth Week – SolarFest, Virginia Tech Student Environmental Groups, Blacksburg, VA.
11. Baird, T. (2016, Nov) Sustainability: koalas, casseroles, bowling and math. Invited presentation for Turn Down for Watt campaign, Virginia Tech Office of Sustainability, Blacksburg, VA.
10. Baird, T., Kniola, D. (2016, Mar) Adapting the Pink Time assignment to promote self-regulated learning across course types. Paper presented at the annual *T-Summit Conference*, Washington D.C.
9. Biscotte, S., Sible, J., Baird, T. (2016, Mar) Using general education minors to prepare T-shaped graduates. Poster presented at the annual *T-Summit Conference*, Washington D.C.
8. Sible, J., McNair, L., Baird, T. (2016, Feb) More Than a Menu: Creating Interdisciplinary Minors in General Education. Paper presented at the *AAC&U Conference on General Education and Assessment*, New Orleans, LA.
7. Baird, T., Kniola, D. (2016, Feb) Adapting the Pink Time assignment to promote self-regulated learning across course types. Paper presented at the annual *Conference on Higher Education Pedagogy at Virginia Tech*, Blacksburg, VA.
6. Baird, T. (2016, Jan) The Pink Time experiment. Paper presented at the first annual CNRE Briefing Day, Virginia Tech, Blacksburg, VA.
5. Baird, T. (2015, June) Six awarenesses for teaching inter-cultural and global knowledge. Presentation to the *Pathways Summer Institute*, Office of Undergraduate Academic Affairs, Virginia Tech, Blacksburg, VA.
4. Baird, T. (2015, April) Looking for learning, creativity and innovation. Presentation to the *Leadership Education Collaborative*, Division of Student Affairs, Virginia Tech, Blacksburg, VA.
3. Baird, T., Kniola, D. (2015, February) Pink Time: Evidence of self-regulated learning and academic motivation. Paper presented at the annual *Conference of Higher Education Pedagogy at Virginia Tech*, Blacksburg, VA.
2. Baird, T. & Lewis, A.*, Fowler, S. (2014, February) Pink Time: Moving from grade-based to intrinsic motivations for student learning. Paper presented at the annual meeting of the *Conference on Higher Education Pedagogy at Virginia Tech*. Blacksburg, VA.
1. Baird, T. & Lewis, A.*, Fowler, S. (2013, November) Pink Time: Moving from grade-based to intrinsic motivations for student learning. Paper presented at the annual meeting of the *Southeastern Division of the Association of American Geographers*. Roanoke, VA.

Research

26. *Summers, K., T. Baird, E. Woodhouse, M.E. Christie (2019, Feb) “Without a phone and without communication:” Mobile phones and pathways to gender equality. Poster presented at the *Women and Gender in Development Conference*, Virginia Tech, Blacksburg, VA. [Poster Award – 1st Place]
25. Baird, T., D. Kniola, P. Tarazaga, B. Knapp, R. Sarlo, E. Fosnocht, M. Villarreal, L. Fuller, V. Thomas, R. Wynne, D. Pillis, M. Ambarkutuk, L. Weber (2018, Nov) BUILD project update: the Steelcase Active Learning Center. *Institute for Creativity, Arts, and Technology (Playdate Speaker Series)*, Virginia Tech, Blacksburg, VA.
24. Baird, T., E. Woodhouse, J.T. McCabe (2018, April) Mobile Phones and Changing Perceptions of Gendered Household Decision-Making in Northern Tanzania. Paper presented at the annual meeting of *American Association of Geographers*, New Orleans, LA.
23. Baird, T. & J. Hartter, J. (2017, November) Livelihood Diversification, Mobile Phones and Information Diversity in Northern Tanzania. Paper presented at the annual meeting of the *Southeastern Division of the American Association of Geographers*, Starkville, MS.
23. Baird, T. (2017, April) Livelihood Diversification, Mobile Phones and Information Diversity in Northern Tanzania. Paper presented at the annual meeting of the *American Association of Geographers*, Boston, MA.
22. *Fox, D. & T. Baird (2017, April) Settlement patterns and their implications for livelihoods among Maasai pastoralists. Paper presented at the annual meeting of the *American Association of Geographers*, Boston, MA.
21. Baird, T., D. Kniola, P. Tarazaga (2017, March) BUILD Project Update. Institute for Creativity, Arts, and Technology (Playdate Speaker Series), Virginia Tech, Blacksburg, VA.
20. *Jensen, D., Baird, T. & Blank, G. (2016, November) Now It’s My Backyard: An Alternative Scenario of NIMBY at the Urban-Rural Fringe. Poster presented at the annual meeting of the *Southeastern Division of the American Association of Geographers*. Columbia, SC.
19. Baird, T. (2015, April) An Innovation Disturbance Hypothesis. Paper presented at the annual meeting of the *Association of American Geographers*, Chicago, IL.
18. *Lewis, A., and Baird, T. (2015, April) The effect of mobile phone use on human-wildlife conflict in northern Tanzania. Paper to be presented at the annual meeting of the *Association of American Geographers*, Chicago, IL.
17. Baird, T. (2014, May) Bio-diversifying: How biodiversity conservation creates disturbance feedbacks by promoting social and economic diversity across scales. Paper presented at the biennial meeting of the *Resilience Alliance*. Montpellier, France.
16. Baird, T. & Gray, C. (2014, April) Livelihood Diversification and Shifting Social Networks of Exchange: A Social Network Transition? Paper presented at the annual meeting of the *Association of American Geographers*. Tampa, FL.
15. Baird, T. (2013, November) Conservation and Unscripted Development in Northern Tanzania. Paper presented at the annual meeting of the *African Studies Association*. Baltimore, MD.
14. Baird, T. (2013, June) Livelihood Diversification and Social Network Transformation in northern Tanzania. Paper presented at the “*Transformation in a Changing Climate*” conference sponsored by the University of Oslo and the IPCC. Oslo, Norway.
13. Baird, T. (2013, April) Conservation, Disturbance and Livelihood Diversification in Northern Tanzania. Paper presented at the annual meeting of the *Association of American Geographers* (Nystrom Award Session). Los Angeles, CA.

12. Baird, T. (2012, May) Poverty and Livelihood Diversification near Tanzanian Park. Paper presented at the annual meeting of the *Population Association of America*. San Francisco, CA.
11. Baird, T. (2012, February) Conservation as Disturbance: Livelihood Diversification and the Role of Cities in Shaping Adaptation. Paper presented at the annual meeting of the *Association of American Geographers*. New York, NY.
10. Baird, T. (2012, February) Migration of Diverse Financial Resources to Park Border. Paper presented at meeting of the *South East Regional Seminar in African Studies (SERSAS)*. Chapel Hill, NC.
9. Baird, T. (2011, April) Adaptive Responses to Parks: Nearby Communities Developing Quickly. Paper presented at the annual meeting of the *Association of American Geographers*. Seattle, WA.
8. Baird, T. (2011, March) Parks as Disturbances: Shifting Patterns of Education Near Tarangire National Park. Paper presented at the biennial meeting of the *Resilience Alliance*. Tempe, AZ.
7. Baird, T. & Leslie, P., McCabe, J. (2009, May) Are National Parks Threatening Conservation? Poster presented at the annual meeting of *NSF-IGERT Principal Investigators*. Alexandria, VA.
6. Baird, T. & Stehn, S. (2009, March) Protecting Parks in the Next 100 Years. Paper presented at the biennial meeting of the *George Wright Society*. Portland, OR.
5. Baird, T. & Leslie, P., McCabe, J. (2008, April) Social Response Diversity in Social-Ecological Systems. Paper presented at the biennial meeting of the *Resilience Alliance*. Stockholm, Sweden.
4. Baird, T. & Leslie, P., McCabe, J., Madulu, N., Kiwasila, H. (2007, October) “Don’t cheat us out of the land because in this way we will die.” Conservation, Risk Mapping and Response Diversity in Tanzania. Poster presented at the *NSF Conference for Sustainability IGERTs*. Fairbanks, AK.
3. Baird, T. & Leslie, P., McCabe, J., Madulu, N., Kiwasila, H. (2007, April) The Effect of Conservation of Local Risk Perception and Behavioral Response in Northern Tanzania. Paper presented at the annual meeting of the *Association of American Geographers*. San Francisco, CA.
2. Baird, T. & Leslie, P., McCabe, J., Madulu, N., Kiwasila, H. (2006, November) Risk and Response Diversity near Tarangire National Park, Tanzania. Paper presented at the *UNC-UF IGERT meeting*. Gainesville, FL.
1. Leslie, P. & McCabe, J., Madulu, N., Kiwasila, H., Baird, T. (2006, September) Parks, Livelihood Diversification, and Perception of Risk and Uncertainty in Northern Tanzania. Paper presented at the annual meeting of the *International Society for New Institutional Economics*. Boulder, CO.

Other Conference/Workshop Activities

- Co-Chair (with Clark Gray, University of North Carolina). Paper sessions (x2) – *Changing Livelihoods and Landscapes in East Africa*. Annual meeting of the American Association of Geographers. Chicago, IL. April 2017.
- Chair. Paper session – *Crossing borders: Phones, roads, connectivity and vulnerability near protected areas in East Africa*. Annual meeting of the Association of American Geographers. Chicago, IL. April 2015.
- Co-Chair (with David Wrathall, United Nations University). Paper session – *Disturbance, Crisis and Creative Construction*. Biennial meeting of the Resilience Alliance. Montpellier, France. May, 2014.
- Invited guest. Workshop – Conceptualizing, measuring, and analyzing extremes. Annual meeting of the Doyle Research Group River Retreat – Nicholas School of the Environment, Duke University. Boone, NC. January, 2014.

Panelist. Discussion session – *Getting off to a good start*. Future Faculty Program, Office of the Senior Vice President and Provost, Virginia Tech. Blacksburg, VA. January, 2014.

Chair. Paper session - *Perspectives on Human Geography II*. Annual meeting of the Southeastern Division of the Association of American Geographers. Roanoke, VA. November, 2013.

Co-Chair (with Joel Hartter, University of New Hampshire). Paper session - *Beyond Borderlands: New Frontiers for Research and Education in East African Conservation Landscapes*. Annual meeting of the Association of American Geographers. Los Angeles, CA. April, 2013.

Panelist. Plenary session - *Establishing a Successful Mentoring Relationship*. University of North Carolina Graduate Student Orientation. Chapel Hill, NC. August, 2008.

Panelist. Plenary session - *Reflections on Sustainability Research and Integrated Social and Natural Science*. Conference for Sustainability IGERTs (NSF). Fairbanks, AK. October, 2007.

Exhibitions

Baird, T., P. Tarazaga, D. Kniola, S. Alajlouni, S. Bharambe (2017, Apr-May) Placing Sensors, Sensing Places. ICAT: Open (at the) Source Sensing Place, Francis T. Eck Exhibition Corridor, Moss Arts Center, Blacksburg, VA

Consulting

Baird, T. (2015-present) Strategic initiatives for Kizingo, LLC (incl. product and brand development, and international operations), Blacksburg, VA

Travel

China (Hong Kong, Shenzhen) – Thailand (Bangkok) January 2019; Distribution and manufacturing
China (Beijing, Ningbo, Shenzhen) May 2018; Distribution and manufacturing
Germany (Cologne) September 2017; Kind und Jugend Trade Show
Germany (Cologne) September 2016; Kind und Jugend Trade Show

Awards

International Design Award 2019 (Silver) – member of design team
European Product Design Award 2017 (Silver)
Spark Design Award 2016 (Finalist);
Reform Design Award 2016 (1st Place)

Martin, T., B. Knapp, J. Ernst, P. Zellner Bassett, T. Baird, T. Drape, D. Kniola (2017, May) Research Design for Smart Environments. Steelcase, Inc., Grand Rapids, MI

Doyle, M. & T. Baird (2008, June) Linking Social Science and Geomorphology. White paper presented to National Research Council, Panel on Earth Surface Processes, Washington DC