

Curriculum vitae

THOMAS B. SMITH

ADDRESS

Center for Tropical Research
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610 Charles E. Young Drive East
Terasaki Life Sciences Building, Room 4155
Box 957239
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EDUCATION

- Postdoctoral Fellow Integrative Biology and Museum of Vertebrate Zoology, University of California, Berkeley, 1988-1992 (w/ M. Slatkin).
- Ph.D. Zoology, University of California, Berkeley, 1988 (advisor F. Pitelka).
Title: Evolutionary ecology of African seed-crackers (Estrildidae: Pyrenestes).
- M.S. Wildlife Ecology, University of Wisconsin-Madison, 1981 (advisor S. Temple).
- B.S. Natural Sciences, University of Wisconsin-Madison, 1978 (advisor J. Hickey).

Professional Positions

- July 2020- Distinguished Professor, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- July 2020- Distinguished Professor, Institute of the Environment and Sustainability, University of California, Los Angeles.
- 2015- Founding Co-Executive Director, Congo Basin Institute (UCLA Foreign Affiliate, Yaoundé, Cameroon).
- 2012- President, Conservation Action Research Network.
- 2010- President, Center for Tropical Research – Cameroon.
- 2010-2016 Founding Director, UCLA International Research and Training Center (Yaoundé, Cameroon).
- 2007-2009 Acting Director, Institute of the Environment, University of California, Los Angeles.
- 2004- Adjunct Professor of Biology, Department of Biology, San Francisco State University.
- 2002-2020 Professor, Department of Ecology and Evolutionary Biology (formerly Organismic Biology, Ecology, and Evolution), University of California, Los Angeles.
- 2002-2020 Professor, Institute of the Environment and Sustainability (formerly Institute of the Environment), University of California, Los Angeles.
- Jan 2002- Founding Director, Center for Tropical Research, Institute of the Environment and Sustainability, University of California, Los Angeles.
- 2002-2004 Associate Director, Institute of the Environment, University of California, Los Angeles.
- 1999-2001 Professor of Biology, Department of Biology, San Francisco State University.
- 1998-2001 Founding Director, Center for Tropical Research, San Francisco State University.
- 1997 Visiting Professor of Zoology, University of Queensland, Brisbane, Australia (September-November).
- 1996-2001 Faculty member, Center for Population Biology, University of California, Davis.

- 1995-1999 Associate Professor, Department of Biology, San Francisco State University (tenured May 1997).
- 1993 Senior Visiting Fellow, Conservation Genetics, Institute of Zoology, Zoological Society of London.
- 1992-1995 Assistant Professor, Department of Biology, San Francisco State University.
- 1989-1990 Senior Fulbright Research Scholar.
- 1988-1992 Postdoctoral Fellow, Integrative Biology and Museum of Vertebrate Zoology, University of California, Berkeley.
- 1978-1981 Research Assistant, Department of Wildlife Ecology, University of Wisconsin-Madison.

Boards and Organizations

- 2022 Member, Board of Directors, The Institute for Bird Populations (IBP)
- 2015- Chair and Co-Scientific Advisor, Avian Solar Working Group.
- 2012- President, Conservation Action Research Network.
- 2018- Member, National Geographic Society Reviewers Circle.
- 2009-2017 Member, National Geographic Society Committee for Research and Exploration.
- 2009- Member, National Geographic Society Buffet Award Committee for Leadership in Conservation.
- 2007-2009 Member, Council of Environmental Deans and Directors.
- 2004- Elected Fellow, American Ornithologists' Union.
- 2003-2004 Member, Evolutionary Biology Advisory Committee of the Department of Ecology, Evolution and Environmental Biology, Columbia University.
- 2002-2010 Member, Scientific Advisory Board, Point Reyes Bird Observatory, Stinson Beach, California.
- 2001-2005 Member, Board of Directors, Foundation for Environment and Development in Cameroon (FEDEC).
- 1998-2002 Executive Committee, Point Reyes Bird Observatory, Stinson Beach, California.

- 1997-1998 Senior Fellow, Zoological Society of London.
- 1996-2002 Member, Board of Directors, Point Reyes Bird Observatory, Stinson Beach, California.
- 1994- Elected Fellow, California Academy of Sciences, San Francisco.
- 1993-2004 Elected Member, American Ornithologists' Union.
- 1993-2000 Member U.S. Fish and Wildlife (USFWS) Hawaiian Island Forest Bird Recovery Team.
- 1992-1995 Member U.S. Fish and Wildlife (USFWS) West Coast Clapper Rail Recovery Team.
- 1992-1993 President, Northern California Chapter of the Society for Conservation Biology.
- 1988-2010 President, Ecology Research Associates.

University Committees (University-wide, Institute of the Environment & Sustainability, Department of Ecology and Evolutionary Biology, and UCLA Campus)

- 2022- Member, Global Operations Board of Directors, University of California, Los Angeles.
- 2019- Member, Environmental Health Sciences Faculty Search Committee, University of California, Los Angeles.
- 2016- Chair, Joint Steering Committee, Congo Basin Institute (UCLA Foreign Affiliate – Yaoundé, Cameroon).
- 2016- Chair, Partnership Committee, Congo Basin Institute (UCLA Foreign Affiliate – Yaoundé, Cameroon).
- 2016- Chair, UCLA Cabinet, Congo Basin Institute (UCLA Foreign Affiliate – Yaoundé, Cameroon).
- 2016-2018 Member, Graduate Research Awards, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2014-2016 Member, Graduate Admissions and Support Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.

- 2013-2014 Member, Strategic Task Force on Environment and Sustainability, Office of the Executive Vice Chancellor and Provost, University of California, Los Angeles.
- 2013- Member, Faculty Advisory Committee for the African Studies Center, International Institute, University of California, Los Angeles.
- 2013 Chair, National Geographic Society Young Explorers Grant Event. Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2013 Chair, Personnel Committee, Institute of the Environment and Sustainability, University of California, Los Angeles.
- 2013- Member, Personnel Committee, Institute of the Environment and Sustainability, University of California, Los Angeles.
- 2013 Member, Planning and Budget Committee, Institute of the Environment and Sustainability, University of California, Los Angeles.
- 2011-2012 Member, Search/Advisory Committee for Vice Provost for International Affairs, University of California, Los Angeles.
- 2011 Chair, Faculty Joint Search Committee (for Conservation Biologist and Faculty Director, UCLA La Kretz Center for California Conservation Science), Institute of the Environment and Sustainability and Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2010-2017 Member, Executive Committee, Global Bio Lab, University of California, Los Angeles.
- 2010-2012 Member, Development and Corporate Partnerships Committee, Institute of the Environment and Sustainability, University of California, Los Angeles.
- 2010-2011 Member, Personnel Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2010-2011 Member, Institute of the Environment and Sustainability Search Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2009 Review Team Chair, Review of the Center for Conservation Biology at the University of California, Riverside.
- 2008-2012 Board of Advisors, The Leaders in Sustainability Interdisciplinary Certificate Program, University of California, Los Angeles.
- 2008-2015 Member, Development Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.

- 2008-2010 Member, Advisory Board, Leaders in Sustainability Graduate Certificate Program, University of California, Los Angeles.
- 2008-2010 Member, Campus Sustainability Committee, University of California, Los Angeles.
- 2008-2010 Co-Founding Director, Center for Climate Change Solutions, Institute of the Environment, University of California, Los Angeles.
- 2008-2009 Member, Ad Hoc NSF-Integrative Graduate Education and Research Traineeship (IGERT) Brainstorming Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2008-2009 Member, Personnel Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2007-2011 Member, Personnel Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Chair, Budget and Planning Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Director, Search Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Member, Institute of the Environment/Geoscience Search Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2009 Member, Space Committee, Institute of the Environment, University of California, Los Angeles.
- 2007-2008 Co-chair, Campus Sustainability Committee, University of California, Los Angeles.
- 2007- Member, Faculty Advisory Committee, International Institute, University of California, Los Angeles.
- 2006- Faculty Member, University of California – Cuba Academic Initiative.
- 2006-2009 Chair, Graduate Assistance in Areas of National Need (GAANN) Steering Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2006-2007 Member, Plant Ecology Search Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.

- 2005-2007 Member, Life Sciences Replacement Building Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2005-2006 Chair, Graduate Curriculum *Ad Hoc* Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2005-2006 Member, Field Biology Quarter (FBQ) Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2004- Member, Faculty Advisory Committee, James S. Coleman African Studies Center.
- 2004-2006 Participating Faculty, University of California Intercampus Research Program in Experimental Evolution (IRPEE).
- 2004-2005 Member, Seminar Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2003-2008 Member, International Institute Faculty Advisory Committee for the Latin American Center, University of California, Los Angeles.
- 2003-2004 Member, Committee on Latin American Studies, University of California, Los Angeles.
- 2003-2004 Member, Ecologist Search Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2002-2014 Representative, from University of California, Los Angeles, to the University of California Cooperative Ecosystem Study Unit (CESU).
- 2002-2012 Member, UCLA Stunt Ranch Santa Monica Mountains Reserve Faculty Advisory Committee, University of California, Los Angeles.
- 2002-2008 Member, Executive Committee, Institute of the Environment, University of California, Los Angeles.
- 2002-2007 Member at Large, Advisory Committee, University of California Natural Reserve System (UCNRS), University of California.
- 2002-2005 Member, Dickey Collection/Lida Scott Brown (LSB) Fund Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2002-2004 Member, Environmental Curriculum Committee, Institute of the Environment, University of California, Los Angeles.

- 2002-2004 Member, Development Committee, Institute of the Environment, University of California, Los Angeles.
- 2002-2004 Member, Personnel Committee, Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
- 2002-2003 Member, Promotions Committee, Institute of the Environment, University of California, Los Angeles.

FELLOWSHIPS, HONORS, AND AWARDS

- 2022 UCLA Public Impact Research Award
- 2021 W.K. Kellogg Foundation Community Engagement Scholarship Award
- 2020 American Ornithological Society Elliott Coues Award
- 2014 Environmentalist of the Year Award, Awarded to the UCLA Sustainability Committee by Faith2Green and Los Angeles City Councilman, Paul Koretz
- 2013 *Biotropica* Publication Award for Excellence in Tropical Biology and Conservation
- 2004 Elected Fellow, American Ornithologists' Union
- 2002 Point Reyes Bird Observatory Board of Directors Special Service Award
- 1997 Founding Member of Gamma Psi, Phi Beta Delta
- 1994 Elected Fellow, California Academy of Sciences, San Francisco
- 1994 SFSU Presidential Award
- 1993-2004 Elected Member, American Ornithologists' Union
- 1989-1990 Senior Fulbright Research Scholar
- 1988 Francis S. Roberts Award
- 1983 American Ornithologists' Union Alexander Wetmore Award
- 1979 American Ornithologists' Union Jocelyn Van Tyne Award
- 1978 Phi Kappa Phi
- 1978 Gamma Kappa Sigma
- 1978 B.S. with honors

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
American Ornithological Society
American Society of Naturalists
Association for Tropical Biology
BirdLife International
British Ornithologists' Union
Ecological Society of America
International Association for Ecology and Health
Sigma Xi

Society for Conservation Biology
Society for the Study of Evolution
Southern California Academy of Sciences
Wilson Ornithological Society

EDITORIAL BOARDS

Editorial Board, *Evolutionary Applications*, 2011-
Associate Editor, *Evolutionary Applications*, 2006-
Associate Editor, *Evolution*, 2000-2004
Editorial Board, *Animal Conservation*, 1999-2001

REVIEWER

Animal Conservation
Auk
Biotropica
Bird Conservation International
Condor
Conservation Biology
Ecology
Emerging Infectious Diseases
Evolution
Genetica
Ibis
Journal of Tropical Ecology
Molecular Ecology
Nature
Oecologia
Oikos
Ostrich
Proceedings of the National Academy of Sciences, U.S.A.
Proceedings of the Royal Society of London
Public Library of Science (PLOS) Biology
Science
Trends in Ecology and Evolution

TEACHING EXPERIENCE

University of California, Los Angeles
Integrative Biology-Cellular, Organismic, and Population, EEB 296
Selected Topics in Ecology and Evolutionary Biology, EEB 297
Developmental Plasticity and Evolution

Ornithology, EEB 114, 114A
Evolutionary Biology, EEB 200A, Invited Lecturer – “Mechanisms of Speciation”
Graduate Seminar in Speciation, EEB 274
Field Tropical Ecology, EEB C151B
Student Research Program, EEB 99
Introduction to Environmental Science, ENV M10
Conservation of Biodiversity, ENV 121
Environmental Science Colloquium, ENV 170
Journal Club Seminar: Readings in Conservation and Biocomplexity, ENV 193

San Francisco State University

Conservation Genetics/Evolution, Bio 862
Ornithology, Bio 478
Our Endangered Planet, Bio 318
Speciation, Bio 862-01A and Biol 862-01B

University of California, Berkeley (Teaching Assistant)

Animal Diversity
Animal Biology

University of Wisconsin-Madison (Teaching Assistant)

Avian Population Dynamics
Avian Ecology
Tropical Ecology

POSTDOCTORAL FELLOWS

Dr. Rachael Bay (2015-2018) – Genomic approaches to studying migratory connectivity in Yellow warblers. Funding Source: NSF.

Dr. Elena Berg (2004-2006) – Genetic identification of watershed-dependent bird species. Funding source: CALFED.

Dr. Ruksan Bose (2018-present) – CBI School for Indigenous and Local Knowledge. Funding Source: Arcus Foundation.

Dr. Camille Bonneaud (2005-2006) – Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds. Funding source: NSF.

Dr. Christen Bossu (2017-present) – Implementation of bioinformatic pipelines for the analysis of genome-wide sequencing data to identify patterns of migratory connectivity and explore the impact of climate change on several species of North American migratory birds. Funding source: California Energy Commission.

Dr. Wolfgang Buermann (April 2005-2007) – Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds. Funding source: NSF.

Dr. Ryan Calsbeek (2002-2006) – Population ecology, evolution and conservation of vertebrates. Funding source: Center for Tropical Research (CTR).

Dr. Zachary Cheviron (2008-2009) – Molecular genetic basis of adaptive traits in natural populations of birds. Funding source: Center for Tropical Research (CTR).

Dr. Sonya Clegg (1999-2002) – Population structure of Neotropical migrants. Funding source: EPA.

Dr. Vincent Deblauwe (2017-present) – Sustainable Ebony Project. Funding Source: Taylor Guitars.

Dr. Thomas Dietsch (May 2005-2008) – Cacao growth and biodiversity conservation in Cameroon and Evaluating Disease Transmission Pathways; Host Reservoirs for H5N1 Avian Influenza in Domestic and Wild Bird Communities of Vietnam. Funding sources: UCLA International Institute, Global Impact Research Grant and Wildlife Conservation Society.

Dr. Trevon Fuller (2009-2014) – Effectiveness of remote-sensed data for mapping the risk of low pathogenic avian influenza in the continental U.S. Funding source: NIH.

Dr. Derek Girman (1996-1998) – Population structure of Neotropical migrant birds and their conservation (US, Mexico and S. America). Funding source: NIH.

Dr. Catherine Graham (1999-2000) – Integrating remote sensing and genetic data to understand evolutionary processes of rainforests. Funding source: Central African Regional Program for the Environment (CARPE), USAID.

Dr. Cristian Gruppi (2018-present) – Conservation Genetics. Funding Source: Department of State Bureau of International Narcotics and Law Enforcement Affairs / Bird Genoscape Project.

Dr. Ryan Harrigan (2007-2013) – The role of avian host dynamics and anthropogenic stressors on the transmission of West Nile virus and the implications for human health and biodiversity. Funding source: EPA.

Dr. Karen Holder (1998-2001) – Phylogeography and speciation of West African birds. Funding source: NSF/NSERC postdoctoral fellowship.

Dr. Darren Irwin (2003-2004) – Evolutionary ecology of migrant birds. Funding sources: EPA, CALFED.

Dr. Salit Kark (1999-2000) – Fluctuating asymmetry and divergence across ecological gradients. Funding source: Rothschild Fellowship (Israel).

Dr. Jordan Karubian (2001-2004) – Mechanisms of reproductive divergence and speciation in South American birds. Funding source: NSF, EPA.

Dr. Irby Lovette (2000-2001) – Phylogeography of West African and South American birds. Funding source: NSF.

Dr. Eduardo Mendoza Ramirez (2009-2010) – Modeling the impact of land cover change on biodiversity in the tropical forests of Mexico. Funding source: National Council of Science and Technology in Mexico (CONACYT).

Dr. Borja Milá (November 2005-2006) – Speciation mechanisms in tropical birds. Funding source: NASA.

Dr. Kevin Njabo (2007-2011) – Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds. Funding source: NSF.

Dr. Cassia Prates-Clark (2005-2006) – Quantifying patterns of biodiversity in a changing climate; integrating biological point and process data with remotely sensed environmental variables. Funding source: NASA.

Dr. Ravinder Sehgal (1999-2004) – Using the major histocompatibility complex (MHC) to study selection and evolution at the population level. Funding source: NIH/CTR.

Dr. Hans Slabbekoorn (1998-2001) – Mechanisms of reproductive divergence and speciation in African birds. Funding source: Netherlands/NSF.

Dr. Hendrik Thomassen (2007-2011) – Quantifying patterns of biodiversity in a changing climate; integrating biological point and process data with remotely sensed environmental variables. Funding source: NASA.

Dr. Ying Zhen (2014-2017) – Analysis of genomic data in non-model systems in Africa. Funding source: NSF-PIRE.

GRADUATE STUDENTS

University of California, Los Angeles (current Ph.D. students): Kelly Barr, Nick Russo, Whitney Tsai Nakashima.

San Francisco State University (students who have completed M.S. degree): Joy Albertson, Mark Collins, Caroline Dingle, Aaron French, Chris Giorni, Kimberly Holbrook, Mari Kimura, Borja Milá, Kim O'Keefe, John Poulsen, Kristen Ruegg, Adriana Smyth, Donald Stauffer, Ellen VanGelder, Peg Wade, Benjamin Wang, Ken Whitney.

University of California, Los Angeles (students who have completed M.S. degree):

Madeline Tiee (2015), Jessica Arriens (2018).

Advisor or Co-advisor for the following students who have completed their Ph.D.:

Rachel Johnston, University of California, Los Angeles, 2016 (Co-advisor)

Emily Curd, University of California, Los Angeles, 2016 (Advisor)

Hilton Oyamaguchi, University of California, Los Angeles, 2014 (Advisor)

Raul Sedano-Cruz, University of California, Los Angeles, 2013 (Advisor)

Allison Alvarado, University of California, Los Angeles, 2011 (Advisor)

Jaime Chaves, University of California, Los Angeles, 2010 (Advisor)

Adam Freedman, University of California, Los Angeles, 2009 (Advisor)

Benjamin Wang, University of California, Los Angeles, 2008 (Advisor)

Erin Marnocha, University of California, Los Angeles, 2008 (Advisor)

Amy Rogers, University of California, Los Angeles, 2008 (Advisor)

John McCormack, University of California, Los Angeles, 2007 (Advisor)

Borja Milá, University of California, Los Angeles, 2005 (Co-advisor)

Ken Whitney, University of California, Davis, 2003 (Co-advisor)

INVITED TALKS AND KEYNOTE ADDRESSES (Since 1991)

- 2019 W. M. Keck Center for Behavioral Biology Lecture. “Importance of Preserving Environmental Gradients in a Changing World.” North Carolina State University. Raleigh, North Carolina.
North Carolina Museum of Natural Sciences. “Challenges to Conserving the Congo Basin Rainforest.” Raleigh, North Carolina.
- 2018 Congo Basin Forest Partnership Meeting. GEF7. “Conservation Prioritization in the Congo Basin: Planning for 2080.” Brussels, Belgium.
NSF Policy Workshop. “Challenges to Conserving the Congo Basin Rainforest: Climate Change and the Second Scramble for Africa.” Yaoundé, Cameroon.
- 2017 University of California at Davis. Department of Environmental Sciences and Policy Ecology Seminar. “Importance of Preserving Environmental Gradients in a Changing World.” Davis, California.
- 2017 University of Florida at Gainesville. Tropical Conservation and Development Program/Center for African Studies. “Importance of Preserving Environmental Gradients in a Changing World.” Gainesville, Florida.
- 2016 University of California Los Angeles. UCLA College Luskin Endowment Inaugural Symposium. “Building the Congo Basin Institute.” Los Angeles, California.
AAAS Annual Meeting – Global Science Engagement. Session Moderator and Co-Organizer. “Empowering Environmental Research, Education, and Outreach in Congo Basin Forests.”
University of California at Davis. Africa-California Research Cluster Program. “Building the Congo Basin Institute.” Davis, California.
- 2015 Western Alliance for Nature. Malibu, California.
15th Annual Meeting of the Partners of Congo Basin Forest Partnership. Yaoundé, Cameroon.
University of Wisconsin. African Studies Program. Madison, Wisconsin.

- University of Wisconsin. Biology Colloquium. Madison, Wisconsin.
- 2014 California Academy of Sciences. Institute for Biodiversity Science and Sustainability. San Francisco, California.
UCLA Institute of the Environment and Sustainability Oppenheim Lecture Series. Los Angeles, California.
- 2013 Jet Propulsion Laboratory. Earth and Space Science Colloquium. Pasadena, California.
National Geographic Society Young Explorers Grants Workshop. Los Angeles, California.
Natural History Museum of Los Angeles. Los Angeles, California.
Drexel University. Department of Biodiversity, Earth, and Environmental Science Seminar. Philadelphia, Pennsylvania.
- 2012 Kushlan Tropical Science Institute. Tropical Biology Symposium. Coral Gables, Florida.
Harvard University Center for the Environment, Biodiversity, Ecology, and Global Change lecture series, Cambridge, Massachusetts.
Smithsonian Conservation Biology Institute Migratory Bird Center Seminar, National Zoological Park, Washington, D.C.
- 2011 36th Annual Meeting, Société Québécoise pour L'étude Biologique du Comportement (Quebec Society for the Biological Study of Behavior), Université de Sherbrooke, Sherbrooke, Canada.
Joint International Meeting of the Association for Tropical Biology and Conservation and the Society for Conservation Biology (Africa section), Arusha, Tanzania.
National Institutes of Health Workshop on Social and Ecological Methods for Infectious Disease Management, Buenos Aires, Argentina.
Department of Biology, University of Missouri-St. Louis, St. Louis, Missouri.
Association of Field Ornithologists, Cooper Ornithological Society, Wilson Ornithological Society 2011 Joint Meeting, Kearney, Nebraska.
- 2010 European Science Foundation Frontiers of Speciation Research Workshop, Evolution of Divergence and Speciation Models of Specific Systems, Hólar, Iceland.
Defense Sciences Office of the Defense Advanced Research Projects Agency Prophecy Teaming Day Workshop (West Coast Workshop), Seattle, Washington.
Defense Threat Reduction Agency, U.S. Department of Defense, Alexandria, Virginia.
National Science Foundation Migration Interest Group: Research Applied Toward Education (MIGRATE) Workshop, Konstanz, Germany.
California NanoSystems Institute, University of California, Los Angeles.
- 2010 Centers of Excellence for Influenza Research and Surveillance, St. Jude Children's Research Hospital, Memphis, Tennessee.
University of Queensland. Applied Evolution Summit: Interdisciplinary Solutions to Evolutionary Challenges in Food, Health and the Environment. Heron Island, Queensland, Australia.
- 2009 National Geographic Society, Committee for Research, Conservation and Exploration Mini-symposium, Washington, D.C.
Darwin year 09 Zurich Evolution Lectures, University of Zurich, Switzerland.
- 2008 Women and Philanthropy, University of California, Los Angeles.
UCLA Parents' Weekend 2008, University of California, Los Angeles.
Department of Ecology and Evolutionary Biology, University of California, Los Angeles.
Institute of the Environment, University of California, Los Angeles.

- Museum of Vertebrate Zoology, University of California, Berkeley.
International Balzan Prize Symposium: Population Biology and Evolution, Princeton University, Princeton, New Jersey.
American Ornithologists' Union, Cooper Ornithological Society, and Society of Canadian Ornithologists 2008 Joint Meeting, Portland, Oregon.
National Aeronautics and Space Administration, 2008 NASA Carbon Cycle and Ecosystems Joint Science Workshop, Adelphi, Maryland.
Laboratory of Ornithology, Cornell University, 2008 MIGRATE Workshop, New Technologies for Studying Bird Migration, Ithaca, New York.
Natural Reserve System, University of California, 2008 Mathias Symposium, Bodega Marine Laboratory Reserve, Bodega Bay, California.
- 2007 Genetics Graduate Group, University of California, Davis.
Institute of the Environment, University of California, Los Angeles. International Summit on Evolutionary Change in Human-altered Environments (co-organized by Thomas Smith and Louis Bernatchez).
- 2006 National Aeronautics and Space Administration, Joint Workshop on NASA Biodiversity, Terrestrial Ecology, and Related Applied Sciences, Adelphi, Maryland.
National Institutes of Health, National Institute of General Medical Sciences, Models of Infectious Disease Agent Study (MIDAS) Meetings, Reston, Virginia.
Division of Biological Sciences, University of Montana, Missoula, Montana.
- 2005 Museum of Vertebrate Zoology, University of California, Berkeley.
2nd International Symposium of Conservation Genetics, Monterey, California.
- 2004 Institute of the Environment, University of California, Los Angeles.
Biology Department, Université Laval, Quebec, Canada.
Division of Biology and Biomedical Sciences, Washington University, St. Louis.
U.S. Geological Survey, U.S. Fish and Wildlife Service, and PPL Montana, Migration Stopover Ecology of Western Avian Populations: Southwestern Migration Workshop, Tucson, Arizona.
- 2003 Department of Geography, University of California, Los Angeles.
Department of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles, two lectures in Evolutionary Biology.
Department of Ecology and Evolutionary Biology, University of California, Irvine.
Department of Zoology, University of Oklahoma, Norman, Oklahoma.
- 2003 Zoological Society of London, Symposium on Phylogeny and Conservation, London, England.
- 2002 University of California, Berkeley, California.
University of California, Riverside, California.
Smithsonian-sponsored symposium, West Virginia, Birds of Two Worlds.
Department of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles.
- 2001 Conservation International, Washington, D.C.
- 2000 Department of Organismic Biology, Ecology, and Evolution, University of California, Los Angeles, California.
Department of Fish, Wildlife and Conservation, University of California, Davis, California.
- 1999 Department of Biology, University of California, Santa Cruz, California.

- Department of Integrative Biology, University of California, Berkeley, California.
 Center for Population Biology, University of California, Davis, California.
- 1998 College of Science, San Francisco State University, San Francisco, California.
 Smithsonian Institute, Washington, D.C.
 Department of Biology, San Francisco State University.
 Cooperative Research Centre for Tropical Rainforest Ecology and Management, James Cook University of North Queensland, Cairns, Australia, Rainforest: Past and Future Conference.
- 1997 Department of Zoology, University of Queensland, Brisbane, Australia.
 Department of Zoology, James Cooke University, Townsville, Australia.
 Ecological Society of America, Albuquerque, New Mexico.
 Department of Biology, San Francisco State University.
 Department of Biology, University of California, San Diego, California.
- 1996 Center for Population Biology, University of California, Davis, California.
 Department of Zoology, The University of Queensland, Brisbane, Australia.
 Department of Biology, Hayward State University, Hayward, California.
- 1995 Department of Biology, Washington University, St. Louis, Missouri.
- 1994 American Association for the Advancement of Science, San Francisco, California,
 Molecular Genetic Approaches in Conservation.
 Avian Studies Group, Berkeley, California.
 Audubon Society, San Francisco, California.
- 1993 Department of Biology, University of California, Los Angeles, California.
 U.S. Agency for International Development (USAID), San Francisco, California.
 Department of Biology, San Francisco State University, San Francisco, California.
 Biosystematists Society, San Francisco, California.
 Department of Biology, University of Leiden, The Netherlands.
 Conservation Genetics, Institute of Zoology, Zoological Society of London.
 Department of Biology, Sonoma State University, Sonoma, California.
 Institute of Zoology, Zoological Society of London, Conservation Genetics.
- 1991 Avian Studies Group, Berkeley, California.
 Department of Ecology and Evolution, University of Chicago, Illinois.
- 1991 Department of Ecology, Ethology and Evolution, University of Illinois at Urbana-Champaign.
 Society for the Study of Evolution, Hilo, Hawaii, Symposium on Evolution in the Hawaiian Islands.

PUBLICATIONS

- 2022 Alvarado AH, Bossu CM, Harrigan RJ, Bay RA, Nelson ARP, **Smith TB**, Ruegg KC. Genotype-environment associations across spatial scales reveal the importance of putative adaptive genetic variation in divergence. *Evolutionary Applications* 2022 July; 15(9), 1390–1407. <https://doi.org/10.1111/eva.13444>.
- 2022 Jetz W, Tertitski G, Kays R, Mueller U, Wikelski M, and supporting authors including **Smith TB**. Biological Earth Observation with Animal Sensors. *Trends*

in *Ecology and Evolution* 2022 Apr;37(4):293-298.
<https://doi.org/10.1016/j.tree.2021.11.011>.

- 2021 Saatchi S, Longo M, Xu L, Yang Y, Abe H, Andre M, Aukema JE, Carvalhais N, Cadillo-Quiroz H, Cerbu GA, Chernela JM, Covey K, Sanchez-Clavijo LM, Cubillos IV, Davies SJ, De Sy V, De Vleeschouwer F, Duque A, Durieux AMS, Fernandes K, Fernandez LE, Gammino V, Garrity DP, Gibbs DA, Gibbon L, Gowae GY, Hansen M, Harris NL, Healey SP, Hilton RG, Johnson CM, Kankeu RS, Laporte-Goetz NT, Lee H, Lovejoy T, Lowman M, Lumbuenamo R, Malhi T, Martinez JMA, Nobre C, Pellegrini A, Radachowsky J, Roman F, Russell D, Sheil D, **Smith TB**, Spencer RGM, Stolle F, Tata HL, del Castillo Torres D, Tshimanga RM, Vargas R, Venter M, West J, Widayati A, Wilson SN, Brumby S, Elmore AC. Detecting Vulnerability of Humid Tropical Forests to Multiple Stressors. *One Earth* 4, 988–1003. <https://doi.org/10.1016/j.oneear.2021.06.002>.
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