

## CURRICULUM VITAE

### Andrew Peter Dobson

Department of Ecology and Evolutionary Biology  
Princeton University, Princeton, NJ 08544-2016

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H-Index – 95 ; I10 Index – 242.

### MAIN AREAS OF INTEREST

- 1) The application of theoretical ecology to problems in the areas of conservation biology and control of infectious diseases.
- 2) The ecology of infectious diseases in natural populations.
- 3) The population dynamics and life history strategies of birds and mammals (Particularly primates and elephants).

### EDUCATION

- 1978-1981 D.Phil., “Mortality rates of British birds”  
Edward Grey Institute, Department of Zoology, Oxford University
- 1973-1976 B.Sc. (Hons.) Zoology and Applied Entomology  
Department of Pure and Applied Biology, Imperial College, London University

### POSITIONS

- 2001 Professor
- 1996-2001 Associate Professor
- 1995- Director of Undergraduate Seniors
- 1990-93 Director of Graduate Studies
- 1990 Assistant Professor, Princeton University
- 1986-1990 Assistant Professor, Biology Department, University of Rochester  
(from July 1st, 1986)
- 1983-1986 N.A.T.O. Post-doctoral Research Fellow, “The coevolution of parasitic helminths and their hosts”, Biology Department, Princeton University, Princeton
- 1981-1983 N.E.R.C Post-doctoral Research Fellow, “The dynamics of parasites in wild animal populations”, Department of Pure and Applied Biology,  
Imperial College, London University
- 1976-1978 Research Assistant to R.M. Anderson and P.J. Whitfield  
Zoology Department, King's College, London University

### HONORS AND SOCIETY MEMBERSHIPS

**A.D White Endowed Chair as Visiting Professor Cornell University (2016-2022)**

**Elected Fellow of the Ecological Society of America, 2016**

**Thomson Reuters 2015 group of Highly Cited Researchers (for the period 2003-2013).**

Elected Fellow of American Association for the Advancement of Science, 2013.

Elected External Faculty, Santa Fe Institute, New Mexico, 2011-2022

2006 Wildlife Trust Conservation Award – Previous Winners: Jeffrey Sachs 2004, Gadgil 2005

Past chair, US Diversitas committee (committee of the National Research Council that coordinates the activities of other committees that deal with biodiversity and its conservation)

Former committee member, International Committee for Diversitas

Member Advisory Panel, National Science Foundation for NCEAS

Chair, NCEAS Working Group on Infectious Disease and Conservation  
Co-Chair, NCEAS Working Groups on Spatial Epidemiology and Disease and Climate Change  
Organizing committee, IBOY—International Biodiversity Observation Year 2001-02  
Aldo Leopold Leadership Fellow, Ecological Society of America, 1999  
Member of ESA Visions Committee: The future of the Ecological Society of America (serve on both the Scenarios and Biodiversity Panels of the Millennium Assessment)  
1997 Winner of the “Deutsche Umweltstiftung” prize for Environmental Reading for “Biologische Vielfalt und Naturschutz. Der riskierte Reichtum” (German translation of Conservation and Biodiversity)  
Associate of the Royal College of Science, U.K.  
Member, Common Room, Wolfson College, Oxford  
Member, British Ecological Society  
Member, British Society for Parasitology  
Member, American Ecological Society  
Member, Society for Natural Resource Modeling  
Member, Society for Conservation Biology  
Member, Wildlife Disease Association

## **EDITING**

Editorial Board of *Trends in Ecology and Evolution*, *Journal of Helminthology*, *Frontiers in Ecology*, *PLoS-Biology*, *EcoHealth*, *PLoS-ONE*  
Ad hoc referee for *American Naturalist*, *Conservation Biology*, *Journal of Animal Ecology*, *Parasitology*, *Oecologia*, *Science*, *Proceedings of the Royal Society*, *Parasitology*, *Nature*, *Proceedings of the National Academy of Sciences U.S.A.*, *Journal of Wildlife Diseases* and other journals

## **TEACHING EXPERIENCE**

### **Main Teaching**

BIO 321: Population and Community Ecology  
EEB 328: Ecology and Evolution of Parasitism and Infectious Diseases  
EEB 334: Ecology of African Savannas

### **Occasional teaching**

FRS 102: AIDS, Anthrax, Worms and Measles: The Ecology of Infectious Diseases  
BIO 150: Managing the Global Environment  
EEB 213: Introductory Statistics and Photography  
EEB324: Ecology and Evolution of Parasitism and Infectious Diseases  
EEB 308/WWS 438: Biodiversity Conservation Policy

### **Graduate courses**

Tropical Field Biology (Venezuela, Panama, Costa Rica, Brazil, Brunei); Conservation Biology;  
History of Ecology; Comparative Method (jointly with Carlos Martinez)

## **GRADUATE STUDENTS**

**Matt Hutchison, (BSc., CHristChurch, NZ) 2016-**

**Liana Watt (B.Sc. Brisbane University), 2016-**

Zoe Volenec (B.Sc. Notre Dame), 2016-

Cara Brook (B.S. Stanford University), 2012-

Tim Treuer (A.B. Harvard), 2012-

Christina Faust (B.S./M.S. University of Georgia), 2010-

Jennifer Peterson (Columbia University), 2009-

Sebastian Munoz (Chile), 2009-

Nitin Sekar, (B.S. University of North Carolina, Chapel Hill), 2008-  
Leslie Reperant (D.V.M. University of Lyon), 2005-2010  
Juliet Pulliam (Duke University), 2002-2007  
Katie Hampson (Oxford University), 2002-2007  
Kelly Lee (B.Sc. U Wisconsin, Madison), 2001-2006  
Ricardo Holdo (A.B. Harvard; M.S. Gainesville), 1999-2005  
Anna Jolles (B.Sc. Oxford University), 1999-2004  
Rae Winfree (B.Sc. Columbia; M.Sc. Rutgers), 1996-2002  
Paula Kahumbu (B.Sc. Bristol University, U.K.; M.Sc. University of Florida), 1994-2001  
Jon Paul Rodriguez (B.Sc. Caracas University, Venezuela), 1993-1999  
Charles Foley (B.Sc. Oxford University), 1992-2002  
Martha Hurley (B.Sc. Harvard University), 1991-2000  
Jorge Ahumada (B.Sc. Bogota University, Columbia), 1991-1995  
Adina Merenlender (M.Sc. University of California), 1987-1993

## **POST-DOCTORAL FELLOWS**

Ian Hatton (PhD, University of Toronto), 2016-  
Carrie Cizauskas (Ph.D. University of California, Berkeley), 2013-2016  
Anieke van Leeuwen (Ph.D. University of Amsterdam), 2013 -2015  
Paul Williams (Ph.D. Toronto University) 2012-  
Raina Plowright (Ph.D. UC Davis), 2010-2014  
Leslie Reperant (Ph.D. 2010 Princeton University), 2010- 2011  
Claire Standley (D.Phil. Nottingham University, MNH-UK), 2010-2012  
Stephanie Eby (Ph.D. Syracuse University), 2010- 2011  
Peter Molnar (Ph.D. University of Calgary), 2010-  
Katarzyna Nowak (D.Phil. Cambridge University), 2010- 2011  
Eric Osnas (Ph.D. University of Illinois), 2009-2012  
Walter Jetz (D.Phil. Oxford University), 2003-2006  
Parviez Hosseini (Ph.D.,UC Santa Barbara), 2002-2009  
Cassandra Nunez (Ph.D. 2002, Princeton University), 2003-2004  
Karin Lindström (Ph.D. Stockholm University), 2001-2004  
Jon Paul Rodriguez (Ph.D. 1999, Princeton University), 1999-2001  
Sonia Altizer (Ph.D. 1998, U Minnesota), 1999-2001  
Johannes Foufoupoulos (Ph.D. 1998, U Madison-Wisconsin), 1998-2002  
Simon Frost (D.Phil. 1995, Oxford University), 1996-1997  
Giulio de Leo (Ph.D. 1991, Polytechnico Milano), 1993-1996  
Margarita Lampo (Ph.D. 1991, Caracas University), 1993-1996  
Tim O'Brien (Ph.D. 1990, University of Florida), 1990-1992  
Margaret Kinnaird (Ph.D. 1990, University of Florida), 1990-1992  
Nicholas Georgiadis (Ph.D. 1987, Syracuse University), 1987-1989

## **SYMPOSIA, INVITED ADDRESSES AND SEMINARS**

### **2017**

**Ecological Society of America, Invited Plenary Speaker: Trophic Cascades in Yellowstone NP.**  
**Speaker and Organizer, "Greater Serengeti Society: Founding Meeting, Seronera, Tanzania.**  
**Invited Participant, Ecological Solution and Human Health, NCEAS, Santa Barbara, CA, USA**  
**Co-Organizer Workshop on Climate Change and Disease Dynamics, ICTP, Trieste, Italy**  
**High Level UN/World Bank Meeting on Future of Water, Bellagio, Italy.**  
**Gates Neglected Tropical Diseases Modelling Consortium, Annual Workshop, Warwick, UKE**  
**Workshop on Fire in Serengeti, Arusha, Tanzania**

### **2016**

**Invited Plenary Speaker, EcoHealth-OneHealth joint Meeting, Melbourne, Australia.**  
**Invited Speaker, Models for Disease Control, American Society Trop Med and Hygiene Annual Meeting, Atlanta, Georgia.**  
**MuskOx Health in a Changing Arctic Meeting, Invited Speaker, Calgary, Alberta, Canada**  
**Invited Participant IUCN and GEF meeting, Washington Dc.**  
**Vector Borne Disease in Changing Climate, Delhi, India**  
**Invited Speaker, NOAA Marine Mammal Health biannual Meeting, Virginia, USA**  
**Santa Fe Institute Workshop on Prediction, Participant**  
**Invited Speaker, Nelson Mandela Symposium on Conservation in Africa, NMAIST, Arusha, Tanzania**  
**Invited Plenary Speaker, Conference on Poverty Ecole EDD, Marseilles, France**  
**Workshop on Evolution of Grassland Ecosystems, Dartmouth, New Hampshire, USA**  
**Invited Speaker- workshop on "20 Years of Wolves in Yellowstone", Gardiner, Montana, USA**

#### **2015**

**Invited symposium speaker "Role of Fire in African Savanna Ecosystems", BiAnnual TAWIRI meeting, Arusha, Tanzania**  
**Invited speaker, Grassland Dynamics Workshop, Santa Fe Institute, New Mexico, USA**  
**Invited Speaker, Workshop on Complex Life Cycles, Santa Fe Institute,**  
**Invited Speaker, Arctic Ungulate Meeting, Roros, Norway.**  
**Invited Symposium Speaker, 100<sup>th</sup> Annual Meeting of Ecological Society of America, Baltimore,**  
**Invited Plenary Speaker, Emerging Pathogens, Helsinki, Finland**  
**Invited Plenary Speaker, One Health Meeting, Amsterdam, Netherlands**  
**Co-Organizer ICTP Course on Climate Change and Infectious Diseases, Sao Paulo, BRazil**

#### **2014**

**Invited Participant, Arctic BioDiversity Meeting, Tromso, Norway.**  
**Invited Speaker, EPD Workshop of Disease and Poverty, Paris, France**  
**Organizer SYSENC workshop Land Use Change and Infectious Disease, Arlington, Virginia**  
**Invited Speaker, Jacques Monod Conference on Evolution of Infectious Disease, Roscof, France**  
**Symposium Speaker, Wildlife Disease Association, Albuquerque, New Mexico, USA**  
**Invited Speaker Ocean Health Workshop, Friday Harbor, Washington, US**

#### **2013**

**IoM Emerging Microbes Symposium, Opening Plenary Speaker, IoM Washington, Sep 2013.**  
**Workshop on Land Use Change and Disease, Co-Organizer, NCEAS, Santa Barbara, Sep 2013.**  
**Newton Institute, Cambridge University, Invited Speaker at 20<sup>th</sup> Anniversary meeting on Epidemic Models, Cambridge, August 2013.**

**INTECOL, Invited Symposium Speaker, Community Ecology of Parasites, London, August 2013.**  
**Invited Seminar Speaker, University of British Columbia, Jan 2013**

#### **2012**

**April. Invited Seminar at National Academy Annual Meeting Seminar on Disease Eradication by Vaccination.**  
**August. Symposium Lecture at an Annual Ecological Society of America Meeting, Portland, Oregon.**  
**September, 2012 - Malaria Workshop on Topical Biology Meeting, Rio De Janeiro, Brazil**  
**October, 2012 – Artic Parasite meetings, Calgary, Canada**  
**November, 2012 – RCN Meetings, Seattle, Washington**  
**December, 2012 – BES Meetings, United Kingdom**

#### **2011**

Invited Speaker at Wildlife Disease Association, Quebec, Canada  
Invited Speaker Society for Tropical Biology and Conservation, Arusha, Tanzania  
Tanzania Wildlife Research Meeting, Arusha: Building a Serengeti Food-Web.

## 2010

Organizer and Symposium Speaker – Disease Invasion: Impacts on Biodiversity and Human Health, Royal Society and Zoological Society of London, Nov 2010.  
Invited Speaker, “What’s the Big Idea”, Society for Conservation Biology, Edmonton, Canada  
Invited Speaker “Climate Change and Infectious Disease”, Ecological Society of America, Pittsburgh

## 2009

Invited plenary speaker – American Museum of Natural History, Spring Symposium.  
March 2009, Available on the web  
Invited Speaker, International Ecology Congress, Brisbane, Australia  
Plenary Lecture- 2<sup>nd</sup> Diversitas Conference on Biodiversity, Cape Town, South Africa. November 2009

## 2008

Lecture and Ph.D. Viva, University of Montpellier, France, July 2008  
Workshop on Caribou and Climate Change, University of Calgary, Canada, August 2008  
Speaker, Wildlife Disease Association, Annual Meeting, Calgary, Canada, August 2008  
Co-Organizer, NCEAS working group on Parasites and Food Webs, two visits Jan and Sept08  
Invited Symposium Speaker, EcoHealth 2, Merida, Mexico, December 2008  
Guest Lecturer, Santa Fe Institute Summer School on Networks and Complexity, Bariloche, Argentina, December 2008  
Invited Speaker, IOM Symposium on Microbes and the Environment, Washington, DC, December 2008

## 2007

Invited Speaker, AIBS Climate Change and Infectious Disease, Annual Symposium, Washington, DC (available on the web at AIBS.com), March 2007  
Two Lectures, Workshop on Foodwebs, University of Palma, Italy, June 2007  
Invited Speaker, NAS Symposium In the Light of Evolution, Riverside, CA Dec 2007  
Invited Speaker, Linnaeus at 300, Swedish Royal Academy of Sciences, Stockholm, Nov 2007  
Invited Speaker, Santa Fe Institute Business Meeting, New Mexico, Nov 2007  
Invited Speaker, Serengeti IV University of British Columbia, Vancouver, Oct 2007  
Invited Speaker, Society for Environmental Journalism, Palo Alto, CA Sept 2007  
Invited Speaker, Wildlife Disease Association, Estes Park, Colorado, August 2007  
Symposium Organizer and Speaker, Ecological Society of America, San Jose, CA, August 2007  
External Advisory Member, Frankfurt Zoological Society Field Program, Addo National Park, South Africa, Jul 2007  
Symposium Organizer and Speaker, Society for Conservation Biology Annual Meeting, Port Elizabeth, South Africa, July 2007  
Invited Speaker, Symposium on Emerging Infectious Diseases, American Society for Microbiology, Toronto, Canada (reported in Science News, May 2007)  
Invited Speaker, Lincoln Park Zoo, Chicago, April 2007  
Invited Overseas Speaker, British Society for Parasitology, Annual Meeting Belfast, April 2007  
Invited Plenary Speaker, American Museum of Natural History, Annual Conference on ‘Microbial Diversity’, April 2007 (on Web)  
Workshop Speaker, Malaria and Climate Change, Ahmenabad, India, March 2007  
Invited Symposium Speaker, Science and Society, Boston, MA, Jan 2007

## 2006

Plenary Speaker, EcoHealth One, Madison Wisconsin  
Invited Speaker, Columbia University, State of the Planet

## 2005

Darwin Day Lecturer, Virginia Commonwealth University  
Invited Plenary Speaker, BioDiversity: Science and Governance, Paris, France  
Invited Speaker, Ecology of Infectious Diseases, Carey Conference, Institute of Ecology

## 2004

AIBS Web Lecture, “Zen of Invasions”  
“Infectious Diseases from Nature,” University of Texas Medical Branch, Galveston Island, Texas,  
March 2004  
Second Annual Conference on Disease and Ecology, Emory University  
ESA 89<sup>th</sup> Annual Meeting, Portland, Oregon, presented “The Coevolution of Host Social Organization  
and Pathogen”  
Chair and Introductory Address, Royal Society Meeting, “Beyond Extinction Rates”  
Aldo Leopold Leadership Program, Portland Convention Center  
The Pontifical Academy of Sciences Workshop on “Interactions between Global Change and Human  
Health,” Vatican City

## 2003

AAAS 2003 Annual Meeting at Denver, Colorado  
ESA 88<sup>th</sup> Annual Meeting at Savannah., Georgia, presented “Infectious Diseases in Host Systems,”  
August 2003  
Second Annual Conference on Disease Ecology and Evolution, Emory University, May 2003  
University of Michigan, October 2003  
Annual Meeting of the British Ecological Society, Manchester Metropolitan University, UK

## 2002

AAAS 2002 Annual Meeting and Science Innovation Exposition, Boston, MA  
Association of American Science Writers, Denver, CO  
Cambridge Conservation Biology Conference  
Student Guest Speaker, University of Oregon, Corvallis  
Wildlife Disease Association Annual Meeting  
The Ecological Society of America 87<sup>th</sup> Annual Meeting, Tucson, Arizona  
Society for Conservation Biology International Meeting, Canterbury, Kent  
Snowmass Annual Meeting on Economics and the Environment  
Symposia on Ecology of Infectious Diseases, Penn State  
53<sup>rd</sup> Annual Meeting, American Institute of Biological Sciences, Evolution: Understanding Life on  
Earth  
International Symposium on Integrative Biology and Complexity, Stochasticity and Scaling in Natural  
Systems, Paris, France  
Sub-Plenary Speaker, 10<sup>th</sup> International Congress of Parasitology, Vancouver, Canada

## 2001

School of Natural Resources and Environment, University of Michigan  
Symposium Organizer, “The Role of Parasites and Infectious Diseases in Ecology”, 86<sup>th</sup> Annual  
Meeting of the Ecological Society of America, University of Wisconsin-Madison  
“Immunology, Ecology and Epidemiology”, Isaac Newton Institute, University of Cambridge

## 2000

Mountain Lake Biological Station, Co-Organizer of Summer Course  
Nicholas School of the Environment, Duke University  
Distinguished Visiting Ecologist, University of Michigan, 5 lectures  
Odum Lecturer, University of Georgia  
Kellogg Biological Station, Michigan State University

**1999**

Plenary Speaker, Annual Meeting Society for Applied Biology, U.K.  
Symposium Speaker, Annual Meeting of the Ecological Society of America  
Nicholas School of the Environment, Duke University (2 talks)  
Plenary Lecture to celebrate the new president, The College of New Jersey  
CNRS, Montpellier, France  
Invited Speaker, Conservation Medicine Symposium, White Oak, Georgia

**1998**

Evolution Department, University of Montpellier, France  
Zoology Department, University of Wyoming, Laramie  
Biology Department, University of California, Davis

**1997**

School of Natural Resources, University of Michigan, Ann Arbor

**1996**

Biology Department, North Carolina State University, Greensboro

**1995**

Biology Department, Duke University  
Ecology Department, University of Minnesota  
Integrative Biology, University of California, Berkeley  
IVIC, Caracas, Venezuela

**1994**

Zoology Department, Cambridge University  
Veterinary School, University of Pennsylvania  
Department of Zoology, University of Vermont, (2 talks)

**1993**

Biology Department, University of East Anglia, Norwich, England  
Biology Department, Indiana University, Indiana, (2 talks)

**1992**

Zoology Department, University of British Columbia, Vancouver (2 talks)  
Centre National de la Recherche Scientifique, Centre d'Etudes  
Phytosociologiques et Ecologiques, Montpellier, France (2 talks)  
Department of Ecology and Systematics, Cornell University (2 talks)

**1991**

Workshop on the Future of the Grizzly Bear  
Zoology Department, University of California, Davis (2 talks)  
Sigma Xi, Northern New Jersey Chapter

**SCIENTIFIC MEETINGS** – Invited and submitted talks were given at the following meetings:

**2013**

**IoM Emerging Microbes Symposium, Opening Plenary Speaker, IoM Washington, Sep 2013.**  
**Workshop on Land Use Change and Disease, Co-Organizer, NCEAS, Santa Barbara, Sep 2013.**  
**Newton Institute, Cambridge University, Invited Speaker at 20<sup>th</sup> Anniversary meeting on Epidemic Models, Cambridge, August 2013.**

**INTECOL, Invited Symposium Speaker, Community Ecology of Parasites, London, August 2013.**  
**Invited Seminar Speaker, University of British Columbia, Jan 2013**

**2012**

**April. Invited Seminar at National Academy Annual Meeting Seminar on Disease Eradication by Vaccination.**

**August. Symposium Lecture at an Annual Ecological Society of America Meeting, Portland, Oregon.**

**September, 2012 - Malaria Workshop on Topical Biology Meeting, Rio De Janeiro, Brazil**

**October, 2012 – Artic Parasite meetings, Calgary, Canada**

**November, 2012 – RCN Meetings, Seattle, Washington**

**December, 2012 – BES Meetings, United Kingdom**

**2011**

**Invited Speaker at Wildlife Disease Association, Quebec, Canada**

**Invited Speaker Society for Tropical Biology and Conservation, Arusha, Tanzania**

**Tanzania Wildlife Research Meeting, Arusha: Building a Serengeti Food-Web.**

**2010**

Workshop on “Parasites and Food Web Structure”, NCEAS, Santa Barbara.

Organizer, joint symposium: “Emerging Pathogens of Wildlife”, Zoological Society of London and Royal Society

**2009**

Organizer of Workshop on Climate Change and Natural Resource Management, ICTP, Trieste, Italy  
Symposium Organizer, Ecological Society of America, Albuquerque, New Mexico

**2008**

IOM Forum on Microbial threats, Washington, DC,

Invited Speaker, American Society of MicroBiology: Emerging Microbial Threats, Baltimore

Plenary Speaker, AIBS Annual Meeting, Climate Change and Disease, Washington DC

**2007**

Science and Society, Boston, MA

British Society for Parasitology, Annual Meeting Belfast, Ireland

European Student Chapter of the Wildlife Disease Association, Thessaloniki, Greece

Symposium on Emerging Infectious Diseases, American Society for Microbiology, Toronto, Canada  
(reported in *Science News*, May 2007)

Invited plenary Speaker at Symposia to celebrate TerCentenary of Linneaus’s Birth, Royal Academy, Stockholm, Sweden

Invited Speaker, Annual Meeting of Santa Fe Institute,

Invited Speaker, Sackler Symposium, NAS, Irvine, CA

**2006**

TEAM – Tropical Environment Analysis and Synthesis Meetings, Silwood Park and Iguazu Falls, Brazil

NOAA Ocean Health Meeting, Charleston, South Carolina

Co-Chair, NCEAS Exploratory Meeting on potential for a National Center for Epidemiological Analysis and Synthesis

Co-chair and Speaker, Disease in the Oceans, AAAS, St. Louis

Workshop on Chronic Wasting Disease, Chico Hot Springs, Montana

Invited Speaker, Symposium to Celebrate Lord May PRS’s Birthday, Zoology Department, Oxford,

Invited Speaker, MIDAS workshop on Avian Influenza, Virginia



Media Training Workshop, Yellowstone to Yukon Project, Banff NP, Alberta  
Workshop on Zoonotic Diseases, Trento, Italy.  
Invited Symposium Speaker, Ecological Society of America, Memphis, TN

## 2005

Co-Chair, Mathematics and Infectious Disease, AAAS, Washington DC,  
Invited Symposium Speaker, Society for Conservation Biology,  
Invited Speaker, Annual Meeting in Brasilia, Brazil, INTECOL, Ecology Society of America, Montreal  
Invited Speaker, Emerging Disease Meeting, Washington, DC  
Invited Speaker, Declining Amphibians Conference, Washington DC  
TEAM – Tropical Environment Analysis and Synthesis Meetings  
Co-Chair, NCEAS Working Groups of Seasonality and Infectious Disease Dynamics and Global  
Change and Malaria  
BiAnnual Scientific Meeting, Tanzania National Parks  
Invited Speaker, NIH/NSF Ecology of Infectious Disease Meeting, Washington DC

## 2004

Seasonality and the Population Dynamics of Infectious Diseases, NCEAS, April 2004  
Diversitas/ICSO Meeting, Paris, France, April 2004  
Santa Fé Institute, Workshop on Food Webs, Santa Fé, New Mexico, February 2004  
Greater Yellowstone Coalition, Bozeman, Montana, January 2004  
Global Change and Infectious Disease, NCEAS, January 2004  
Society for Conservation Biology meeting, New York, July 2004

## 2003

West Nile Virus Wildlife Health Workshop, Smithsonian Environmental Research Center  
NCEAS Understanding the Role of Infectious Disease in Mammalian Mating and Social Systems, Santa  
Barbara, CA  
NSF/NIH Ecology of Infectious Diseases Meeting, Arlington, Maryland  
NCEAS Seasonality and the Population Dynamics of Infectious Diseases, Santa Barbara, CA  
NCEAS Serengeti: The Origins and Future of a Complex Ecosystem, Santa Barbara, CA  
NCEAS The Ecology of Marine Diseases, Santa Barbara, CA  
Millennium Ecosystem Assessment, San Jose, February  
Millennium Ecosystem Assessment, Prague, Czechoslovakia, October

## 2002

NCEAS Amboseli Research Workshop, Santa Barbara, CA  
Chair NCEAS Disease and Conservation, Santa Barbara, CA  
Co-Chair NCEAS Workshop on Disease and Spatial Processes, Santa Barbara, CA  
NCEAS Nitrogen and Human Health, Santa Barbara, CA  
NCEAS Infectious Diseases and Host Behavior, Santa Barbara, CA  
NCEAS The Ecology of Marine Diseases, Santa Barbara, CA  
NCEAS Spatial and Temporal Patterns in Malaria Dynamics, Santa Barbara, CA  
Co-Chair NCEAS Diseases in Seasonal Environments, Santa Barbara, CA  
Smithsonian Workshop on West Nile Virus, Annapolis, MD  
Stanford University, Energy Modeling Forum Summer Workshop VIII, Climate Change and Integrated  
Assessment, Snowmass, CO  
Chair of U.S. National Diversity Committee, Meeting, Washington, DC  
Second Global Scenarios Workshop of the Millennium Ecosystem Assessment, Bangkok, Thailand  
Aldo Leopold Fellows Meeting, University of Oregon  
ICTP – The Abdus Salaam international Centre for Theoretical Physics, Workshop on Theoretical  
Ecology: Natural Resource Management and Conservation Biology, Trieste, Italy  
ISEH International Society for Ecosystem Health, Healthy Ecosystems, Healthy People: Linkages  
Between Biodiversity, Ecosystem Health and Human Health, Washington, DC

## 2001

USGS Biological Resources Division, "Malaria in Hawai'ian Land Birds," Volcano National Park, Hawaii  
NCEAS Workshop on "Diseases in the Ocean," Santa Barbara  
White Oak Foundation, "Disease Risk Workshop," Jacksonville, Florida  
The Ecological Society of America 86<sup>th</sup> Annual Meeting, University of Wisconsin-Madison  
Envirovet Summer Institute 2001, White Oak Plantation, Jacksonville, Florida  
Conservation International, Workshop on "Global Warming and Biological Diversity," Smithsonian Environmental Research Center, Maryland  
Society for Conservation Biology, 15<sup>th</sup> Annual Meeting, University of Hawaii, Hilo, Hawaii  
Diversitas Task Force Meeting, Paris, France  
NCEAS Workshop on "Understanding the Ecology and Evolution of Infectious Diseases in Mammalian Mating and Social Systems," Santa Barbara  
NCEAS Workshop on "Spatial Ecology of Infectious Diseases," Santa Barbara  
Wildlife Conservation Society, "Ecologically Functioning Populations Workshop," White Oak, Jacksonville, Florida  
Fogarty International Center, HEED (Health, Environment and Economic Development) Meeting, NIH Campus, Bethesda, Maryland  
USGS, Biological Resources Division, Biocomplexity Annual Meeting, Hawaii  
CRC Conservation and Research Center Foundation, Science Review Committee Members, Front Royal, Virginia

## 2000

Plenary Speaker, "Celebrating 30 Years of Ecology at IVIC," Caracas, Venezuela  
Speaker, "Culling as a Management Tool for Wildlife Populations," Zoological Society of London  
Organizing Committee of "Defying Nature's End," a workshop between leading ecologists and the leaders of the computer industry, August 2000  
Ecological Society of America, Annual Meeting, invited speaker in two symposia  
NCEAS Workshop, Organizer, Disease and Conservation  
Society for Conservation Biology International Meeting, Missoula, Montana  
ICTP – The Abdus Salaam International Centre for Theoretical Physics, Fifth Course of Mathematical Ecology including an introduction to Ecological Economics, Trieste, Italy  
Plenary Speaker, British Ecological Society/Ecological Society of America 2000 Joint Meeting, Lake Buena Vista, Florida  
Diversitas-International Biodiversity Observation Year 2001-2002, Steering Committee Meeting, Montreal, Canada  
NCEAS Workshop on Disease and Spatial Processes, Santa Barbara  
NCEAS Workshop on Diseases in the Ocean, Santa Barbara  
ESA Ecological Forecasting Steering Committee, Washington, D.C.  
2000 AAAS Annual Meeting and Science Innovation Exposition, Washington, D.C.

## 1999

Evolution of Parasite Communities, Perpignan, France  
Symposia of Ecological Society, Spokane, Washington  
Society for Applied Biology, U.K., Royal Holloway, Plenary Speaker  
Organizer, NCEAS Workshop on Disease and Conservation  
Participant, Amboseli Elephants and Ecological Prediction

## 1998

Organization Meeting for Series of Workshops on Infectious Disease, National Center of Ecological Analysis and Synthesis, Santa Barbara, California  
Plenary Speaker, International Ecology Congress, Florence, Italy

Symposium Organizer, INTECOL, Florence, Italy  
Plenary Speaker, Annual Meeting, Netherlands Ecological Society  
Co-Organizer, Workshop on Infectious Diseases of Wildlife, Istituto Alpino di Ecologia, Trento, Italy

#### **1997**

National Academy, Ecology and Evolution of Infectious Diseases Workshop  
Royal Statistical Society Workshop on Epidemic Models, Skye, Scotland  
National Bison Symposium, Bozeman, Montana  
SIAM Workshop on “Epidemic Models,” Atlanta, Georgia  
Wildlands Association “Symposium on Wildlands,” Tucson, Arizona

#### **1996**

Visiting Fellow, Rockefeller Study Center, Bellagio, Italy  
Society for Conservation Biology, 3 talks, Brown University, Rhode Island  
Autumn Workshop on Theoretical Ecology, ICTP, Trieste, Italy

#### **1995**

AgResearch, Christchurch, New Zealand  
BES Wildlife Disease Meeting, Stirling, U.K.  
Global Change & Human Health, National Academy, Washington, D.C.  
Biodiversity and Human Health, Smithsonian Institute/NIH, Washington, D.C.  
Society for Conservation Biology, Fort Collins, Colorado  
Ecological Society of America, Snowbird, Utah

#### **1994**

Symposium on Birds and Parasites, British Parasitological Society, Bath, U.K.  
Symposium on Birds and Conservation, BOU/RSPB/BIRDLIFE/, Sandy, U.K.  
Workshop on Invasion Biology, University of California, Davis, California  
Society for Conservation Biology, Guadalajara, Mexico  
Wildlife Disease Association, Asilomar, California  
International Ornithology Congress, Vienna, Austria  
Bison & Brucellosis in Yellowstone, Jackson, Wyoming  
Autumn Workshop on Theoretical Ecology, ICTP, Trieste, Italy  
British Ecological Society, Birmingham, England

#### **1993**

January-June: Visiting Research Fellow, Isaac Newton Institute for Mathematics and its Applications, Cambridge, England. Invited talks in two major symposia on Model Structure and on Human Diseases; Organized a third symposium on Diseases in Natural Populations (with Bryan Grenfell)  
NERC/SRC Wildlife Diseases Workshop, University of Warwick, England  
International Theriological Congress, Sydney, Australia, 2 talks  
Summer Workshop on Theoretical Ecology, Vancouver, British Columbia  
VI Game Biology Conference, Halifax, Nova Scotia  
Ecological Society of America, Madison, Wisconsin

#### **1992**

Session on elephant reproduction. Society for Reproduction & Fertility, Nairobi, Kenya  
III Conference on Mathematical Ecology, Institute of Theoretical Physics, Trieste, Italy  
The Conservation Biology Society, Madison, Wisconsin

#### **1991**

Serengeti II. Research & Conservation, Seronera, Serengeti, Tanzania, 2 talks  
The British Ecological Society’s Symposium on Genes in Ecology

## 1990

The Instituto Tropical at the University of Caracas, Venezuela  
Towards the 21st Century, University of California, Los Angeles

## FUNDING AND SUPPORT

- 2009-2014 James S. McDonnell Foundation. Allometry of Parasites and Food-Webs. \$445,730.
- 2006-2011 NSF Community Dynamics of an Emergent Pathogen: Intrinsic Versus Extrinsic Mechanisms, Cornell University. \$279,521.
- 2005-2010 NSF Collaborative Research: Predicting the Effects of Environmental Change and Host Diversity on the Dynamics of Insect-Vectored Generalist Pathogens. \$440,732.
- 2009-2011 Wildlife Trust/NIH Nipah virus transmission and Epidemiology in Bangladesh. \$55,950.
- 2006-2011, NSF/NIH Ecology of Infectious Diseases, Co-PI with Andre Dhondt, Cornell, Community Dynamics of Conjunctivitis in House Finches. \$2,500,000.
- 2005-2010 NSF/NIH Ecology of Infectious Diseases, Co-PI with Elizabeth Borer and Eric Seabloom, Community Ecology of Barley Yellow Dwarf Virus. \$1,950,000.
- 2004-2009 NSF/NIH Ecology of Infectious Diseases, Co-PI with Mercedes Pascual, University of Michigan, "Ecology of Cholera and Climate." \$1,640,000.
- 2004-2008 NOAA Ocean Health Initiative, Co-PI with Mercedes Pascual, University of Michigan, "Ecology of Cholera and Climate." \$990,000.
- 2002-2006 NSF Biocomplexity Sub-Contract with Craig Packer, University of Minnesota, "The Ecology of Serengeti." \$2,000,000.
- 2002-2003, Conservation International, Center for Applied Biodiversity Science. Jointly
- 2005-2007 with John Gittleman, University of Virginia. "The Role of Pathogens in the Conservation of Biological Diversity." \$100,000.
- 2002-2007. NSF/NIH Co-PI with Craig Packer, University of Minnesota. "Viral Transmission Dynamics in the Serengeti." \$2,000,000.
- 2002-2006. NSF/NIH Sub-Contract with Peter Daszak at Wildlife Trust and Alex Hyatt, CSIRO. "The Ecology of Emerging Infectious Disease: Nipah and Hendra viruses."
- 2002-2007 NSF/NIH Sub-Contract with Armand Kuris and Kevin Lafferty, University of California at Santa Barbara. "The Role of Parasites in Salt Marsh Food Webs."
- 2000-2004 NSF Biocomplexity Program. Sub-Contract with David C. Duffy, University of Hawaii at Manoa. "Biocomplexity of introduced avian diseases in Hawaii: Threats to biodiversity of native forest ecosystems."
- 2000-2004 NSF/NIH Sub-Contract with André Dhondt, Cornell University. "Dynamics of an emerging pathogen in an introduced host."

- 2000- 2003 Sub-Contract with Linda Lowenstine, University of California at Davis. "Epidemiology and Population Dynamics of Herpes Virus in California Sea Lions. NIH/NSF Fogarty Initiative in Ecology of Infective Diseases."
- 1999-2001 NSF grant (jointly with Tom Hahn) "Infectious Disease and Reproductive Physiology of Mountain White-crowned Sparrows."
- 1999- 2000 Environmental Defense. "Population Viability Analysis of Utah Prairie Dogs."
- 1998-2000 Report to US Fish & Wildlife/NSG, Wildlife Disease Unit. "The Potential Use of Infectious Agents in the Control of the Brown Tree Snake on Guam."
- 1997-1998 USAID Cobra Project & Kenya Wildlife Service. "Wildlife Utilization and Monitoring in Laikipia District, Kenya."
- 1996-1997 Environmental Defense Fund, William Mott Fund. "Geographical Distribution of Endangered Species in the United States."
- 1994-1995 Geraldine R. Dodge Foundation. "Infectious Disease and Conservation Biology."
- Long-term funding for my work with Peter Hudson on grouse populations comes from the Game Conservancy, U.K.

The African Wildlife Foundation has paid for the long-term population studies of elephants at Amboseli; this covers my research when at Amboseli. Kenya Wildlife Service covered my expenses when working on elephants.

The New York Zoological Society and Wildlife Conservation International have paid for my long-term research on rinderpest and its control in Ngorongoro Conservation Area in Tanzania.

The National Park Service has paid for my work on brucellosis in Yellowstone National Park, while the Wilderness Society paid for some work on the viability of Grizzly bear populations in the Northern Rockies.

## SCIENTIFIC PUBLICATIONS

### Books

**Dobson, A.P.** (2014). *Serengeti Lives* (in prep) University of Chicago Press.

Hudson, P.J., A. Rizzoli, B. Grenfell, H. Hesterbeek, and **A. P. Dobson**, Eds. (2001). *The Ecology of Wildlife Diseases*. Oxford University Press, (See review in *Ecology*, Wilson, M., Dec. 2002).

**Dobson, A.P.** (2000). Japanese Edition of *Conservation and Biodiversity*.

Landweber, L. and **A.P. Dobson**, Eds. (1999). *Genetics and the Extinction of Species. DNA and the Conservation of Biodiversity*. Princeton University Press.

**Dobson, A.P.** (1997). *Biologische Vielfalt und Naturschutz. Der riskierte Reichtum*. (German translation of *Conservation and Biodiversity*). Winner of the 'Deutsche Umweltstiftung' prize for Environmental Reading, 1997.

**Dobson, A.P.** (1996). *Conservation and Biodiversity*. Scientific American Libraries, Freeman, New York.

Grenfell, B.T. and **A.P. Dobson**, Eds. (1995). *Ecology of Infectious Diseases in Natural Populations*. Cambridge University Press, Cambridge.

## Refereed Articles

### 2017

Baeza, A., M. Santos-Vega, A. P. Dobson and M. Pascual (2017). "The rise and fall of malaria under land-use change in frontier regions." *Nature Ecology & Evolution* **1**: 0108.

Bartsch, S. M., J. K. Peterson, D. L. Hertenstein, L. Skrip, M. Ndeffo-Mbah, A. P. Galvani, A. P. Dobson and B. Y. Lee (2017). "Comparison and validation of two computational models of Chagas disease: A thirty year perspective from Venezuela." *Epidemics* **18**: 81-91.

Brook, C. E., Y. Bai, O. Y. Emily, H. C. Ranaivoson, H. Shin, A. P. Dobson, C. J. E. Metcalf, M. Y. Kosoy and K. Dittmar (2017). "Elucidating transmission dynamics and host-parasite-vector relationships for rodent-borne Bartonella spp. in Madagascar." *Epidemics* **18**: ??-??.

Faust, C. L., A. P. Dobson, N. Gottdenker, L. S. Bloomfield, H. I. McCallum, T. R. Gillespie, M. Diuk-Wasser and R. K. Plowright (2017). "Null expectations for disease dynamics in shrinking habitat: dilution or amplification?" *Phil. Trans. R. Soc. B* **372**(1722): 20160173.

Ngonghala, C. N., G. A. De Leo, M. M. Pascual, D. C. Keenan, A. P. Dobson and M. H. Bonds (2017). "General ecological models for human subsistence, health and poverty." *Nature Ecology & Evolution* **1**(8): 1153.

Treuer, T. L., J. J. Choi, D. H. Janzen, W. Hallwachs, D. Pérez-Aviles, A. P. Dobson, J. S. Powers, L. C. Shanks, L. K. Werden and D. S. Wilcove (2017). "Low-cost agricultural waste accelerates tropical forest regeneration." *Restoration Ecology*.

### 2016

**Almberg, E. S., Cross, P. C., Hudson, P. J., Dobson, A. P., Smith, D. W., & Stahler, D. R. (2016). Infectious diseases of wolves in Yellowstone. *Yellowstone Science*, 24(1), 47-49.**

**Cook, J. A., Greiman, S. E., Agosta, S. J., Anderson, R. P., Arbogast, B. S., Baker, R. J., & Demboski, J. R., Dobson, A.P., Dunuum, J.L., Eckerlin, R.P., Esselstyn, J., Galbreath, K.E., Hawdon, J., Hoekstra, H.E., Kutz, S.J., Light, J.E., Olson, L.E., Patterson, B.D., Patton, J.L., Phillips, A.J., Rickart, E., Rogers, D.S., Siddall, M.E., Tkach, V.V. & Hoberg, E.P. (2016). Transformational Principles for NEON Sampling of Mammalian Parasites and Pathogens: A Response to Springer and Colleagues. *BioScience*, 66(11), 917-919.**

**De Leo, G. A., Dobson, A. P., & Gatto, M. (2016). Body size and meta-community structure: the allometric scaling of parasitic worm communities in their mammalian hosts. *Parasitology*, 143(7), 880.**

**Groner, M. L., Maynard, J., Breyta, R., Carnegie, R. B., Dobson, A.P., Friedman, C. S., & Noble, R. T. (2016). Managing marine disease emergencies in an era of rapid change. *Phil. Trans. R. Soc. B*, 371(1689), 20150364.**

**Maynard, J., Van Hooidek, R., Harvell, C. D., Eakin, C. M., Liu, G., Willis, B. L., Williams, G.J., Groner, M.L., Dobson, A.P., Heron, S.F., Reardon, K., Shields, J.D., & Glenn, R. (2016).**

**Improving marine disease surveillance through sea temperature monitoring, outlooks and projections. *Phil. Trans. R. Soc. B*, 371(1689), 20150208.**

**Torney, C. J., Dobson, A. P., Borner, F., Lloyd-Jones, D. J., Moyer, D., Maliti, H. T., & Hopcraft, J. G. C. (2016). Assessing Rotation-Invariant Feature Classification for Automated Wildebeest Population Counts. *PloS one*, 11(5), e0156342.**

**Dobson, A.P. (2016) Biodiversity. Pp 17-20, In ‘Keywords in the Environment’ Eds Joni Adamson, William A. Gleason, and David N. Pellow, New York University Press.**

**2015**

**Almberg ES, Cross PC, Dobson AP, Smith DW, Metz MC, Stahler DR, and Hudson PJ. 2015. Social living mitigates the costs of a chronic illness in a cooperative carnivore. *Ecology Letters* 18(7):660-667.**

**Artzy-Randrup Y, Dobson AP, and Pascual M. 2015. Synergistic and antagonistic interactions between bednets and vaccines in the control of malaria. *Proceedings of the National Academy of Sciences* 112(10):3014-3019.**

**Brook CE, and Dobson AP. 2015. Bats as ‘special’reservoirs for emerging zoonotic pathogens. *Trends In Microbiology* 23(3):172-180.**

**Buhnerkempe MG, Roberts MG, Dobson AP, Heesterbeek H, Hudson PJ, and Lloyd-Smith JO. 2015. Eight challenges in modelling disease ecology in multi-host, multi-agent systems. *Epidemics* 10:26-30.**

**De Leo G, A. P. Dobson, and Gatto M. 2015. Body size and meta-community structure: the allometric scaling of parasitic worm communities in their mammalian hosts. *Parasitology* (in press).**

**Dobson A, Molnar PK, and Kutz S. 2015. Climate change and Arctic parasites. *TRENDS in Parasitology* 31(5):181-188.**

**Faust C, and Dobson AP. 2015. Primate malarias: diversity, distribution and insights for zoonotic Plasmodium. *One Health* 1(1):ONEHLT-D-15-00012R00011.**

**Groner M, Breyta R, Dobson A, Friedman CS, Froelich B, Garren M, Gulland F, Maynard J, Weil E, and Wyllie-Echeverria S. 2015. Emergency response for marine diseases. *Science* (New York, NY) 347(6227):1210.**

**Hopcraft JGC, Mduma SA, Borner M, Bigurube G, Kijazi A, Haydon DT, Wakilema W, Rentsch D, Sinclair A, and Dobson A. 2015. Conservation and economic benefits of a road around the Serengeti. *Conservation Biology* 29(3):932-936.**

**Lafferty KD, DeLeo G, Briggs CJ, Dobson AP, Gross T, and Kuris AM. 2015. A general consumer-resource population model. *Science* 349(6250):854-857.**

**Lembo T, Auty H, Hampson K, Craft M, Dobson A, Fyumagwa R, Eblate E, Haydon D, Hoare R, Kaare M et al. . 2015. Infectious Diseases in the Serengeti: What we know and how we know it. In: A.R.E.Sinclair, editor. *Serengeti IV*. Chicago: University of Chicago Press.**

**Osnas EE, Hurtado PJ, and Dobson AP. 2015. Evolution of Pathogen Virulence across Space during an Epidemic. *The American Naturalist* 185(3):332-342.**

- Peterson JK, Graham AL, Dobson AP, and Chavez OT. 2015. Rhodnius prolixus Life history outcomes differ when infected with different Trypanosoma cruzi I strains. . AmJTropMedHyg 93(3):564-572.**
- Sinclair AR, and Dobson A. 2015. Conservation in a Human-Dominated World. Serengeti IV: Sustaining Biodiversity in a Coupled Human-Natural System:1.**
- Sinclair AR, Dobson A, Mduma SA, and Metzger KL. 2015. Shaping the Serengeti Ecosystem. Serengeti IV: Sustaining Biodiversity in a Coupled Human-Natural System:11.**
- Siregar, J. E., C. L. Faust, L. S. Murdiyarso, L. Rosmanah, U. Saepuloh, A. P. Dobson and D. Iskandriati (2015). "Non-invasive surveillance for Plasmodium in reservoir macaque species." Malaria journal 14(1): 404.**
- Viana M, Cleaveland S, Matthiopoulos J, Halliday J, Packer C, Craft ME, Hampson K, Czupryna A, Dobson AP, and Dubovi EJ. 2015. Dynamics of a morbillivirus at the domestic–wildlife interface: Canine distemper virus in domestic dogs and lions. Proceedings of the National Academy of Sciences 112(5):1464-1469.**
- Caro T, **Dobson A**, Marshall AJ, and Peres CA. 2014 Compromise solutions between conservation and road building in the tropics. Current Biology 24(16):R722-R725.
- Gortazar C, Reperant LA, Kuiken T, de la Fuente J, Boadella M, Martinez-Lopez B, Ruiz-Fons F, Estrada-Pena A, Drosten C, Medley G., **Dobson, A.P.**, et al. . 2014. Crossing the Interspecies Barrier: Opening the Door to Zoonotic Pathogens. PLoS Pathogens 10(6).
- Kutz SJ, Hoberg EP, Molnár PK, **Dobson A**, and Verocai GG. 2014 A walk on the tundra: Host–parasite interactions in an extreme environment. International Journal for Parasitology: Parasites and Wildlife(0).
- Sekar N, Weiss JM, and **Dobson AP**. 2014. Willingness-to-pay and the perfect safari: Valuation and cultural evaluation of safari package attributes in the Serengeti and Tanzanian Northern Circuit. Ecological Economics 97:34-41.
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- Cassirer EF, Plowright RK, Manlove KR, Cross PC, **Dobson AP**, Potter KA, and Hudson PJ. 2013. Spatio-temporal dynamics of pneumonia in bighorn sheep. Journal of Animal Ecology 82(3):518-528.
- Dobson Andrew P**. 2013. The Eye of the Finch. The Scientist.
- Nowak K, **Dobson A**, Joyce Poole, Petter Granli, Paula Kahumbu, Phyllis Lee, Winnie Kiiru, Ponjoli Joram, Cyprian Malima, and Moss C. 2013. Elephants are not Diamonds. Ecologist [http://www.theecologist.org/News/news\\_analysis/1800368/elephants\\_are\\_not\\_diamonds.html](http://www.theecologist.org/News/news_analysis/1800368/elephants_are_not_diamonds.html)
- Rodó X, Pascual M, Doblas-Reyes F, Gershunov A, Stone D, Giorgi F, Hudson P, Kinter J, Rodríguez-



- Arias M-À, Stenseth N et al. . 2013. Climate change and infectious diseases: Can we meet the needs for better prediction? *Climatic Change* 118(3-4): 625-640.
- Ryan SJ, Jones JH, and **Dobson AP**. 2013. Interactions between Social Structure, Demography, and Transmission Determine Disease Persistence in Primates. *PLoS ONE* 8(10):e76863.
- Cassirer EF, Plowright RK, Manlove KR, Cross PC, **Dobson AP**, Potter KA, Hudson PJ. 2013 Spatio-temporal dynamics of pneumonia in bighorn sheep. *J Anim Ecol.* 1365-12031
- Dobson A**. 2013. Natural History, a Master Class. *PLoS Biol* 11(2):e1001496.
- Dunne JA, Laferty KD, **Dobson AP**, Hechinger RF, Kuris AM, Martinez ND, McLaughlin JP, Mouritsen KN, Poulin R., Reise K, Stouffer DB, Thieltges DW, Williams RJ, Zander CD. 2013 Parasites affect food web structure primarily through increased diversity and complexity. *PLoS Biol.* 11(6):e1001579.
- Hawley DM, Osnas EE, **Dobson AP**, Hochachka WM, Ley DH, Dhondt AA. 2013 Parallel patterns of increased virulence in a recently emerged wildlife pathogen. *PLoS Biol.* 11(5):e1001570
- Molnár PK, **Dobson AP**, Kutz SJ. 2013. Gimme shelter—the relative sensitivity of parasitic nematodes with direct and indirect life cycles to climate change. *19(11):3291-305.*
- Molnár PK, Kutz SJ, Hoar BM, **Dobson AP**. 2013 Metabolic approaches to understanding climate change impacts on seasonal host-macroparasite dynamics. *Ecol Lett.* 16(1):9-21.
- Roche B, Rohani P, Dobson AP, Guégan JF. 2013. The impact of community organization on vector-borne pathogens. *Am Nat.* 181(1):1-11.
- Ryan SJ, Jones JH, **Dobson AP**. 2013. Interactions between Social Structure, Demography, And Transmission Determine Disease Persistence in Primates. *PLoS One* 8(10):e76863
- Almberg ES, Cross PC, **Dobson AP**, Smith DW, Hudson PJ. 2012 Parasite invasion following host reintroduction: a case study of Yellowstone’s wolves. *Philos Trans R Soc Lond B Biol Sci.* 19;367(1604):2840-51.
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## **Radio, Television and the Media**

*Nature* podcast, September 2010 following "Road Will Ruin Serengeti".

Interview with BBC, Norfolk, September 2010 about the road through the Serengeti.

TV Interview with Fox news after giving Congressional testimony on the Endangered Species Act.

Chief scientific consultant for two PBS series which will premiere in 2003 and 2004: "Outbreak" dealing with infectious diseases and human welfare; and the second series dealing with the State of the Natural World in the Third Millennium.

Scientific Advisory Board to the Sea Studios Environmental series 'Strange Days on Planet Earth'.

Numerous radio and newspaper interviews following publication of "Disease and Climate Change" article in *Science*. 2002.

I worked as a scientific consultant and script editor to Bailey Silleck '62 on the IMAX film "Lost Worlds: Life in the Balance." The film describes the current biodiversity crisis. The movie is partly based on my book "Conservation and Biodiversity," it is narrated by Harrison Ford and Margarita Lampo. The film premiered in various cities though out the U.S. in 2002, nominated for an award at Wildscreen 2002. Bailey Silleck and I are working on drafts for an IMAX film on the life of Alfred Russell Wallace and also an IMAX film on the Serengeti.

Chief scientific consultant for MW Productions for a four-part TV series on "Voyages of Natural Discovery 1700-2000."

I have appeared at least once a year on NPR's "Living World" and "Science Friday" to discuss the work on infectious disease ecology and on the geographic distribution of endangered species.

“Young Girl Carrying Firewood” Honorable Mention in *Natural History* magazine’s 90th Anniversary Photographic Competition, *Natural History*, 1990, **6**: p. 48.