

CURRICULUM VITAE
Andrew Peter Dobson

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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 AND POSITIONS HELD

2001	Professor
1996-2001	Associate Professor
1995-	Director of Undergraduate Seniors
1990-93	Director of Graduate Studies
1990	Assistant Professor, Princeton University
1986-1990	Biology Department, University of Rochester. Assistant Professor (from July 1st, 1986)
1983-1986	Biology Department, Princeton University, Princeton. N.A.T.O. Post-Doctoral Research Fellow: "The coevolution of parasitic helminths and their hosts"
1981-1983	Department of Pure and Applied Biology, Imperial College, London University. N.E.R.C. Post-Doctoral Research Fellow: "The dynamics of parasites in wild animal populations."
1978-1981	Edward Grey Institute, Department of Zoology, Oxford University. D.Phil.: "Mortality rates of British birds"
1976-1978	Zoology Department, King's College, London University. Research Assistant to R.M. Anderson and P.J. Whitfield
1973-1976	Department of Pure and Applied Biology, Imperial College, London University. B.Sc. (Hons.) Zoology and Applied Entomology

HONORS AND SOCIETY MEMBERSHIPS

2006 Wildlife Trust Conservation Award – Previous Winners: Jeffrey Sachs 2004, Gadgil 2005.
Past chair of the US Diversitas committee—the committee of the National Research Council that coordinates the activities of other committees that deal with biodiversity and its conservation.
Former committee member of the International Committee for Diversitas.
Member of the Advisory Panel to the National Science Foundation for NCEAS.
Chair of NCEAS Working Group on Infectious Disease and Conservation
Co-Chair of NCEAS Working Groups on Spatial Epidemiology and Disease and Climate Change
Organizing committee of IBOY—International Biodiversity Observation Year 2001-2002.
Aldo Leopold Leadership Fellow, Ecological Society of America, 1999.
Member of ESA Visions Committee - the future of the Ecological Society of America. I serve on both the Scenarios and Biodiversity Panels of the Millennium Assessment
Winner of the “Deutsche Umweltstiftung” prize for Environmental Reading, 1997, for “Biologische Vielfalt und Naturschutz. Der riskierte Reichtum.” (German translation of Conservation and Biodiversity.)

Associate of the Royal College of Science, U.K.
Member of Common Room, Wolfson College, Oxford
Member: British Ecological Society
British Society for Parasitology
American Ecological Society
Society for Natural Resource Modeling
Society for Conservation Biology
Wildlife Disease Association

EDITING

Editorial Board of *Trends in Ecology and Evolution*, *Journal of Helminthology*,
Frontiers in Ecology, *PLOS-Biology*
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
EEB324: Ecology and Evolution of Parasitism and Infectious Diseases
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)
Conservation Biology; History of Ecology
Comparative Method (jointly with Carlos Martinez)

GRADUATE STUDENTS

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

POST-DOCTORAL FELLOWS

Walter Jetz 2003- (Oxford University)
Parviez Hosseini 2002- (University of California, Santa Barbara)
Karin Lindström, 2001- (Stockholm University)
Jon Paul Rodriguez, 1999-2001 (Ph.D. 1999, Princeton University)
Sonia Altizer, 1999-2001 (Ph.D. 1998, University of Minnesota)
Johannes Foufoupoulos, 1998-2002 (Ph.D. 1998, University of Madison-Wisconsin)
Simon Frost, 1996-1997 (D.Phil. 1995, Oxford University)
Giulio de Leo, 1993-1996 (Ph.D. 1991, Polytechnico Milano)
Margarita Lampo, 1993-1996 (Ph.D. 1991, Caracas University)
Tim O'Brien, 1990-1992 (Ph.D. 1990, University of Florida)
Margaret Kinnaird, 1990-1992 (Ph.D. 1990, University of Florida)
Nicholas Georgiadis, 1987-1989 (Ph.D. 1987, Syracuse University)

SYMPOSIA, INVITED ADDRESSES AND SEMINARS

2006

Columbia University, State of the Planet 2006. Invited Speaker.

2005

Darwin Day Lecturer, Virginia Commonwealth University

2004

AIBS Web Lecture, "Zen of Invasions"

University of Texas Medical Branch, "Infectious Diseases from Nature," Galveston Island, Texas, March 2004

Emory University Second Annual Conference on Disease and Ecology

ESA 89th Annual Meeting, Portland, Oregon, presented "The Coevolution of Host Social Organization and Pathogen,"

Royal Society Meeting, "Beyond Extinction Rates," Chair and Introductory Address

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 88th Annual Meetings at Savannah., Georgia, presented "Infectious Diseases in Host Systems," August 2003

Emory University, Second Annual Conference on Disease Ecology and Evolution, May 2003

University of Michigan, October 2003

British Ecological Society Annual meeting, 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 at University of Oregon, Corvallis.

Wildlife Disease Association Annual Meeting,

The Ecological Society of America 87th Annual Meeting at 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

53rd 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

The 10th International Congress of Parasitology, Sub-Plenary Speaker, Vancouver, Canada

2001

University of Michigan, School of Natural Resources and Environment

The Ecological Society of America 86th Annual Meeting, Organizer, Symposium on “The Role of Parasites and Infectious Diseases in Ecology,” University of Wisconsin-Madison
Isaac Newton Institute, University of Cambridge, “Immunology, Ecology and Epidemiology”

2000

Mountain Lake Biological Station, Co-Organizer of Summer Course
Duke University, Nicholas School of the Environment
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.
Ecological Society of America, Annual Meeting, Symposium Speaker
Nicholas School of the Environment, Duke University, 2 talks
The College of New Jersey, Plenary Lecture to celebrate the new president
CNRS, Montpellier, France
Invited Speaker, Conservation Medicine Symposium, WhiteOak, 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

Future of the Grizzly Bear Workshop
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:

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
AAAS, St Louis, Co-Chair and Speaker, Disease in the Oceans.
Workshop on Chronic Wasting Disease, Chico Hot Springs, Montana
Symposium to Celebrate Lord May PRS's Birthday, Invited Speaker
Invited Speaker MIDAS workshop on Avian Influenza, Virginia
Media Training Workshop, Yellowstone to Yukon Project, Banff NP, Alberta
Workshop on Zoonotic Diseases, Trento, Italy.
Ecological Society of America, Memphis, Tennessee, Invited Symposium Speaker

2005

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

2004

NCEAS, Seasonality and the Population Dynamics of Infectious Diseases, 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
NCEAS, Global Change and Infectious Disease, 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, California
NSF/NIH Ecology of Infectious Diseases Meeting, Arlington, Maryland
NCEAS Seasonality and the Population Dynamics of Infectious Diseases, Santa Barbara,
California
NCEAS Serengeti: The Origins and Future of a Complex Ecosystem, Santa Barbara, California
NCEAS The Ecology of Marine Diseases, Santa Barbara, California
Millennium Ecosystem Assessment, San Jose, February
Millennium Ecosystem Assessment, Prague, Czechoslovakia, October

2002

NCEAS Amboseli Research Workshop, Santa Barbara, California
Chair NCEAS Disease and Conservation, Santa Barbara, California
Co-Chair NCEAS Workshop on Disease and Spatial Processes, Santa Barbara
NCEAS Nitrogen and Human Health, Santa Barbara, California
NCEAS Infectious Diseases and Host Behavior, Santa Barbara, California
NCEAS The Ecology of Marine Diseases, Santa Barbara, California
NCEAS Spatial and Temporal Patterns in Malaria Dynamics, Santa Barbara, California
Co-Chair NCEAS Diseases in Seasonal Environments, Santa Barbara, California
Smithsonian Workshop on West Nile Virus, Annapolis, Maryland
Stanford University, Energy Modeling Forum Summer Workshop VIII, Climate Change and
Integrated Assessment, Snowmass, Colorado
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 86th 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, 15th 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
NCEAS Workshops:
Organizer, 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

NSF/NIH Ecology of Infectious Diseases, Co-PI with Andre Dhondt, Cornell, Community Dynamics of Conjunctivitis in House Finches, 2006-2011, \$2,500,000

NSF/NIH Ecology of Infectious Diseases, Co-PI with Elizabeth Borer and Eric Seabloom, Community Ecology of Barley Yellow Dwarf Virus, 2005-2010, \$1,950,000

NSF/NIH Ecology of Infectious Diseases, Co-PI with Mercedes Pascual, University of Michigan, "Ecology of Cholera and Climate," 2004-2009, \$1,640,000

NOAA Ocean Health Initiative, Co-PI with Mercedes Pascual, University of Michigan, "Ecology of Cholera and Climate," 2004-2008, \$990,000

NSF Biocomplexity Sub-Contract with Craig Packer, University of Minnesota, "The Ecology of Serengeti", 2002-2006, \$2,000,000

Conservation International, Center for Applied Biodiversity Science. Jointly with John Gittleman, University of Virginia. "The Role of Pathogens in the Conservation of Biological Diversity." 2002-2003, 2005-2007. \$100,000

NSF/NIH Co-PI with Craig Packer, University of Minnesota. "Viral Transmission Dynamics in the Serengeti." 2002-2007. \$2,000,000

NSF/NIH Sub-Contract with Peter Daszak at Wildlife Trust and Alex Hyatt, CSIRO. "The Ecology of Emerging Infectious Disease: Nipah and Hendra viruses." 2002-2006.

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." 2002-2007.

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." 2000-2004

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." Sept. 2000-Aug. 2003.

NSF grant (jointly with Tom Hahn) "Infectious Disease and Reproductive Physiology of Mountain White-crowned Sparrows." 1999-2001.

Environmental Defense. "Population Viability Analysis of Utah Prairie Dogs." 1999-2000.

"The Potential Use of Infectious Agents in the Control of the Brown Tree Snake on Guam." Report to US Fish & Wildlife/NSG, Wildlife Disease Unit, 1998-2000.

USAID Cobra Project & Kenya Wildlife Service. "Wildlife Utilization and Monitoring in Laikipia District, Kenya." 1997-98.

Environmental Defense Fund, William Mott Fund. "Geographical Distribution of Endangered Species in the United States." 1996-97.

Geraldine R. Dodge Foundation. "Infectious Disease and Conservation Biology." 1994-1995.

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 2007, *Serengeti Lives* (in prep) University of Chicago Press.

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

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., 1996. *Conservation and Biodiversity*. Scientific American Libraries, Freeman,

New York.

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., 2000. Japanese Edition of *Conservation and Biodiversity*.

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

Refereed Articles

Seabloom, E. W., J. W. Williams, D. Slayback, D. M. Stoms, J. H. Viers, and A. P. Dobson. 2006. Human impacts, plant invasion, and imperiled species in California. *Ecological Applications* **16**:1338-1350.

Lafferty, K. D., A. P. Dobson, and A. M. Kuris. 2006. Parasites dominate food web links. *PNAS* **103**:11211-11216.

Blaustein, A. R., and A. P. Dobson. 2006. A message from the frogs. *Nature (London)* **439**:143-144.

Mandelson III, J. R., K. R. Lips, R. W. Gagliardo, G. B. Rabb, J. P. Collins, J. E. Diffendorfer, P. Daszak, R. Ibanez, K. C. Zippel, D. P. Lawson, K. M. Wright, S. N. Stuart, C. Gascon, H. R. da Silva, A. P. Dobson, and e. al. 2006. Confronting Amphibian Declines and Extinctions. *Science* **313**:48.

Dobson, A. P. 2006. Biodiversity and Infectious Disease: Why we need Nature. Pontifical Academy of Sciences, *Scripta Varia*, Vatican City **106: Interactions between Global Change and Human Health**:145-157.

Dobson, A. P., I. Cattadori, R. D. Holt, R. S. Ostfeld, F. Keesing, K. Krichbaum, J. R. Rohr, S. E. Perkins, and P. J. Hudson. 2006a. Sacred Cows and Sympathetic Squirrels: The Importance of Biological Diversity to Human Health. *PLOS Medicine* **3**:e231.

Dobson, A. P., D. M. Lodge, J. Alder, G. Cumming, J. E. Keymer, H. A. Mooney, J. A. Rusak, O. E. Sala, D. H. Wall, R. Winfree, V. Wolters, and M. A. Xenopoulos. 2006b. Habitat loss, trophic collapse and the decline of ecosystem services. *Ecology* **87**:1915-1924.

Fenton, M. B., M. Davison, T. H. Kunz, G. F. McCracken, P. A. Racey, M. D. Tuttle, and A. P. Dobson. 2006. Linking Bats to Emerging Diseases. *Science* **311**:1098-1099.

Hudson, P. J., A. P. Dobson, and K. D. Lafferty. 2006. Is a healthy ecosystem one that is rich in parasites? *Trends in Ecology and Evolution* **21**:381-385.

- Pascual, M., K. Koelle, and A. P. Dobson. 2006. Hyperinfectivity in cholera: a new mechanism for an old epidemiological model? *PLOS Medicine* **3**:ey.
- Rodríguez, J. P., T. D. J. Beard, E. M. Bennett, G. S. Cumming, S. J. Cork, J. B. R. Agard, A. P. Dobson, and G. D. Peterson. 2006. Trade-offs across space, time, and ecosystem services. *Ecology and Society* **11**:28 (online).
- Altizer, S., A. P. Dobson, P. Hosseini, P. J. Hudson, M. Pascual, and P. Rohani. 2006. Seasonality and the dynamics of infectious diseases. *Ecology Letters* **9**:467-484.
- Dhondt, A. A., A. V. Badyaev, A. P. Dobson, D. M. Hawley, M. J. L. Driscoll, W. M. Hochachka, and D. H. Ley. 2006. Dynamics of Mycoplasmal conjunctivitis in the Native and Introduced range of the host. *EcoHealth* **3**:95-102.
- Dobson, A. P. 2005b. What links bats to emerging infectious diseases? *Science* **310**:628-629.
- Balmford, A., L. Bennum, B. ten Brink, D. Cooper, I. M. Cote, P. Crane, A. P. Dobson, N. Dudley, I. Dutton, R. E. Green, R. D. Gregory, J. Harrison, E. T. Kennedy, C. Kremen, N. Leader-Williams, T. E. Lovejoy, G. Mace, R. May, P. Mayaux, P. Morling, J. Phillips, K. Redford, T. H. Ricketts, J. P. Rodriguez, M. Sanjayan, P. Schei, A. S. Van Jaarsveld, and B. Walther. 2005a. The Convention on Biological Diversity's 2010 Target. *Science* **307**, 212-213.
- Balmford, A., P. Crane, A. P. Dobson, R. E. Green, and G. M. Mace. 2005b. The 2010 Challenge: Data availability, information needs, and extraterrestrial insights. *Phil. Trans. R. Soc. Lond. B* **360**:221-228.
- Brauer, J., B. Czech, D. L. Trauger, J. Farley, R. Costanza, H.E. Daly, C. A. S. Hall, R. F. Noss, L. Krall, P.R. Krausman, A.P. Dobson, A. Balmford, P.R. Crane, R.E. Green, & G.M. Mace,. 2005 Establishing Indicators for Biodiversity. *Science* **308**, 791-792.
- Dhondt, A. A., S. Altizer, E. G. Cooch, A. K. Davis, A. P. Dobson, M.J.L. Driscoll, B. K. Hartup, D. M. Hawley, W. M. Hochachka, P. R. Hosseini, C. S. Jennelle, G. V. Kollias, D. H. Ley, E. C. H. Swarthout, and K. V. Sydenstricker. 2005. Dynamics of a novel pathogen in an avian host: mycoplasmal conjunctivitis in house finches. *Biotropica* **94**:77-93.
- Dobson, A. P. 2005a. Monitoring global rates of biodiversity change: Challenges that arise in meeting the 2010 goals. *Phil. Trans. R. Soc. Lond. B* **360**:229-244.
- Hosseini, P. R., A. A. Dhondt and A. Dobson. 2004. Seasonality and wildlife disease: how seasonal birth, aggregation and variation in immunity affect the dynamics of *Mycoplasma gallisepticum* in house finches. *Proceedings of the Royal Society of London B* **271**: 2569-2577.
- Harvell, C. D. , R. Aronson, N. Baron, J. Cornell, A. Dobson, S. Ellner, L. Gerber, K. Kim, A. Kuris, H. McCallum, K. Lafferty, B. McKay, J. Porter, M. Pascual, G. Smith, K. Sutherland and J. Ward. 2004. The Rising Tide of Ocean Diseases: Unsolved problems and research priorities. *Frontiers in Ecology*, 2(7): 375-382.

- Ferrari, M. J., O. Bjornstad, A.P. Dobson et al. 2005. Estimation and inference for R_0 of an infectious pathogen using a removal method. *Mathematical Biosciences* **198**, 14-26.
- Gerber, L., McCallum, H., Lafferty, K. D., Sabo, J. L. & Dobson, A. P. 2005 Exposing extinction risk analysis to pathogens: Is disease just another form of density dependence? *Ecological Applications* **15**, 1402-1414.
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Radio, Television and the Media

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.

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 throughout the U.S. in 2002, nominated for an award at Wildscreen 2002.

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

I have appeared on NPR's "Living World" and "Science Friday" to discuss the work 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.