

CURRICULUM VITAE  
Jonathan B. Losos  
Department of Biology  
Campus Box 1137  
Washington University  
Saint Louis, MO 63130  
losos@wustl.edu  
<https://sites.wustl.edu/losos/>

**BIRTHDATE:** December 7, 1961 St. Louis, Missouri

**EDUCATION:**

8/84–12/89 University of California, Berkeley (Ph.D., *Ecomorphological Adaptation in the Genus Anolis*, Zoology)  
9/80–6/84 Harvard University (A.B., Biology)

**ACADEMIC POSITIONS:**

1987–1989 Teaching Assistant, University of California, Berkeley  
1990–1992 Post-Doctoral Fellow, Center for Population Biology, University of California, Davis  
1992–1997 Assistant Professor, Washington University  
1997–2001 Associate Professor, Washington University  
2001–2006 Professor, Washington University  
2000–2003 and  
2004–2005 Director, Tyson Research Center, Washington University  
2003–2005 Chair, Environmental Studies Program, Washington University  
2006–2017 Monique and Philip Lehner Professor for the Study of Latin America, Harvard University  
2006–2017 Curator of Herpetology, Museum of Comparative Zoology  
2018– William H. Danforth Distinguished University Professor, Washington University  
2018– Director, Living Earth Collaborative

**HONORS and AWARDS:**

1991 Theodosius Dobzhansky Prize, Society for the Study of Evolution  
1994–1999 Fellowship in Science and Engineering, David and Lucile Packard Foundation, \$500,000  
1998 David Starr Jordan Prize  
1999 Forty Under Forty Award, *St. Louis Business Journal*  
2001 Innovation Award, St. Louis Academy of Sciences  
2003, 2004 Special Recognition for Excellence in Mentoring, Graduate School Senate, Washington University  
2005 Fellow, American Association for the Advancement of Science  
2005 John Simon Guggenheim Fellowship  
2009 Edward Osborne Wilson Naturalist Award, American Society of Naturalists  
2012 Daniel Giraud Elliot Medal, National Academy of Sciences  
2012 Fellow, American Academy of Arts and Sciences  
2016 Distinguished Herpetologist, The Herpetologists' League  
2018 Member, National Academy of Sciences  
2018 Julia Ward Howe Prize for Non-Fiction, Boston Author's Club  
2019 Sewall Wright Award, American Society of Naturalists  
2022 Fellow, The Academy of Science of St. Louis

**PLENARY ADDRESSES AND NAMED LECTURES:**

- 2001 Walton Lecturer, Mountain Lakes Biological Station, University of Virginia  
 2002 Featured speaker, Ecological Integration Symposium, Texas A&M University  
 2002 Distinguished Speaker, Department of Zoology, Michigan State University  
 2003 Keynote Speaker, Society for Research on Amphibians and Reptiles of New Zealand  
 2003 Eminent Biologist, Pittsburgh EcoForum  
 2004 Helen Mangelsdorf Lecturer, University of North Carolina  
 2004 Chancellor's Distinguished Lecture, Louisiana State University  
 2007 Juanita Greer White Distinguished Lecturer, University of Nevada-Las Vegas  
 2008 Plenary Speaker, 6<sup>th</sup> Symposium on the Lacertids of the Mediterranean Basin, Lesvos, Greece  
 2008 Plenary Speaker, 6<sup>th</sup> World Congress of Herpetology, Manaus, Brazil  
 2008 Plenary Speaker, 8<sup>th</sup> Latin American Congress of Herpetology, Veradero, Cuba  
 2008 Mayer Lecturer, Wellesley College  
 2009 Sewall Wright Lecturer, University of Chicago  
 2009 Distinguished Visiting Professor, University of Miami  
 2009 Roger Carpenter Lecturer, San Diego State University  
 2009 Plenary Lecture, 9<sup>th</sup> North American Paleontological Convention, Cincinnati, OH  
 2010 Marcel Gregoire Lecturer, Merrimack College  
 2010 Patrick Murray Visiting Lectureship in Biology, University of Sydney  
 2011 Richard B. Root Graduate Student Invited Lecture, Cornell University  
 2011 Judge, Harry W. Greene Grilled Cheese Challenge, Cornell University  
 2011 Joan Marsden Lecturer in Organismal Biology, McGill University  
 2012 Richard H. and Glenda G. Rosenblatt Lecture in Evolutionary Biology. Scripps Institute of Oceanography, University of California, San Diego  
 2012 Distinguished Lecturer, Department of Organismal Biology and Ecology, University of Montana  
 2013 Russell Marker Lecture in Evolutionary Biology, Penn State University  
 2013 Distinguished Speaker, W. M. Keck Center for Behavioral Biology, North Carolina State University  
 2013 Tracy and Ruth Storer Lectureship in the Life Sciences, University of California, Davis  
 2014 Eminent Ecologist Lecturer, Rutgers University  
 2016 G. Evelyn Hutchinson Distinguished Speaker, Yale University  
 2017 Sutton Lecture, University of Oklahoma  
 2018 Kolshorn Lecture, University of Minnesota  
 2021 Distinguished Ecologist Lecture, Colorado State University  
 2022 Hommersand Distinguished Lecture, University of North Carolina  
 2022 Keynote speaker, Genomics of Convergence symposium, Konstanz, Germany

**GRANTS:**

- 1985 Ecology of Arboreal Malagasy Lizards. World Wildlife Fund-U.S.  
 1987 Adaptation of Jamaican *Anolis* Lizards. Sigma Xi (National).  
 1987 Adaptation of Florida *Anolis* Lizards. American Museum of Natural History (Theodore Roosevelt Memorial Fund).  
 1987 Adaptation of Jamaican *Anolis* Lizards. Explorer's Club.  
 1987 Adaptation of Jamaican *Anolis* Lizards. Center for Latin American Studies (Tinker Foundation).  
 1987 Ecomorphology of Puerto Rican *Anolis* Lizards. University of California, Berkeley (Patent Fund).

- 1988 Immunological Study of Phylogeny of *Anolis* Lizards. Sigma Xi (National).
- 1988 Relationships Within the Lizard Genus *Anolis*: an Immunological Approach. Sigma Xi (Berkeley Chapter).
- 1988 *Anolis* Phylogeny: an Immunological Study. American Society of Ichthyologists and Herpetologists (Gauge Fund).
- 1989 Evolutionary Ecomorphology of West Indian *Anolis* Lizards. National Science Foundation (Dissertation Improvement Grant). \$9000.
- 1989 Ecology and Behavior of *Anolis* lizards in the Dominican Republic. Center for Latin American Studies (Tinker Foundation). \$2500.
- 1991–1993 Intraspecific Adaptation in *Anolis* Lizards. National Geographic Society. \$12,889.
- 1994–1999 An integrative study of adaptive radiation in West Indian *Anolis* lizards. National Science Foundation, \$300,000 (co-P.I.s: K. de Queiroz and A. Larson) plus \$27,000 in REU supplements, a \$14,750 supplement to initiate a collaborative research program in South Africa, and a \$32,600 supplement to initiate collaborative research in Australia).
- 1994–1999 Ecological and evolutionary consequences of interspecific competition: an experimental analysis with *Anolis* lizards. National Science Foundation, \$203,193 (co-P.I.: D.A. Spiller), plus \$20,000 in supplemental funding to examine the effects of Hurricane Lili and \$25,000 in REU supplements.
- 1995–1997 The relative roles of intersexual and interspecific differentiation in the adaptive radiation of Greater Antillean *Anolis* lizards. National Science Foundation, \$8,000 (Dissertation Improvement Grant for Marguerite Butler).
- 1995 Symposium: Phylogenies and comparative biology stage II: Testing hypotheses derived from phylogenies with data from extant taxa. National Science Foundation, \$9,000.
- 1996–1997 Adaptive radiation of Cuban *Anolis* lizards. National Geographic Society, \$19,085 (co-P.I.s: Kevin de Queiroz and Lourdes Rodríguez Schettino).
- 1997–1999 Phylogeny, morphology and life history: Effects of dramatic size variation in monitor lizards. National Science Foundation, \$10,000 (Dissertation Improvement Grant for David Pepin).
- 1999–2001 Phylogenetic relationships, ontogenetic color change, and antipredator adaptation in the Colubrinae (Serpentes). National Science Foundation, \$10,485 (Dissertation Improvement Grant for Doug Creer).
- 1999–2001 Survival of the gutsiest: a study on function and quality of signals given to an incoming predator by *Anolis* lizards. National Science Foundation, \$9,693 (Dissertation Improvement Grant for Manuel Leal).
- 1999–2004 Redevelopment of insular communities following a catastrophic hurricane. National Science Foundation, \$350,000, plus \$28,000 in REU supplements (jointly funded collaborative research grants with D.A. Spiller).
- 2000–2005 Comparative study of adaptive radiation in iguanian lizards. National Science Foundation, \$450,000, plus \$31,687 in REU and RET supplements (co-PIs: Kevin de Queiroz, Allan Larson).
- 2000–2002 Evolutionary ecology and molecular phylogenetics of the lizard genus *Liolaemus*. National Science Foundation, \$10,000 (Dissertation Improvement Grant for Jim Schulte).
- 2000–2001 The effects of predators on lizard behavior and evolution. National Geographic Society, \$20,300 (co-PI: Thomas Schoener).
- 2001–2002 Comparative study of adaptive radiation, working group. National Center for Ecological Analysis and Synthesis, \$76,408.
- 2001–2006 A multidisciplinary approach to the study of the evolution of biological form and diversity. Packard Foundation, \$1,000,000 (co-PIs: Jim Cheverud, Jeremy Gibson-

- Brown, Kerry Kornfeld, Alan Templeton).
- 2002–2004 Ecology and Population Structure: are Species Convergent in Habitat use also Convergent in Degree of Population Subdivision? \$10,838 (Dissertation Improvement Grant for Richard Glor).
- 2003–2005 Testing hypotheses of morphological differentiation in the introduced lizard, *Anolis sagrei*. National Science Foundation, \$11,172 (Dissertation Improvement Grant for Jason Kolbe).
- 2003–2005 Community structure in day geckos (*Phelsuma*): Testing for convergence. National Science Foundation, \$10,800 (Dissertation Improvement Grant for Luke Harmon).
- 2006–2008 Did predation Drive Micro- and Macroevolutionary Diversification in Mosquitofish? National Science Foundation, \$11,975 (dissertation improvement grant for Brian Langerhans).
- 2006–2008 The Evolution and Importance of Genetic Constraint in *Anolis Cristatellus*. National Science Foundation, \$11,690 (dissertation improvement grant for Liam Revell).
- 2005–2009 Species diversity and abundance in insular systems. National Science Foundation, \$680,000 (jointly funded collaborative grants; co-P.I. on this grant, M. Leal; collaborative grant P.I.s T.W. Schoener and D.A. Spiller), plus \$6,000 in REU supplements.
- 2005–2009 Phylogenetic analysis of G-matrix evolution in the repeated adaptive radiations of *Anolis* lizards. National Science Foundation, \$725,000 (jointly funded collaborative grant with E.D. Brodie, III), plus \$12,000 in REU supplements.
- 2005–2008 Origins of diversity in animal communication: habitat-dependent adaptive change in lizard visual displays. National Science Foundation, \$347,155 (jointly funded collaborative grant with J.A. Stamps and T. Ord), plus \$6,000 in REU supplements.
- 2006–2009 Convergent evolution of desert lizards: phylogenomic and morphological analyses of limb Development, Australian Research Council, AUS\$263,000.
- 2008–2010 Ecological opportunity and the rate of evolution in neotropical *Anolis* lizards. \$11,984 (National Science Foundation, Dissertation Improvement Grant for Luke Mahler).
- 2009–2012 Layers of adaptive radiation in *Anolis* lizards: investigation of previously unexplored ecological and taxonomic diversity, \$1,053,885 (jointly funded collaborative grant with R.E. Glor).
- 2010–2015 A field-experimental test for evolutionary trait-mediated indirect effects in food webs. National Science Foundation, \$1,099,998 (jointly funded collaborative grant with T.W. Schoener, D.A. Spiller, and M. Leal).
- 2011–2012 Workshop on the future of evolutionary biology. National Science Foundation, \$17,969.
- 2011–2014 The genetics of convergence at multiple levels: evolution of colorful dewlaps in *Anolis*. National Science Foundation, \$1,053,446 (co-PI; H.E. Hoekstra, PI; jointly funded collaborative grant with C.J. Schneider), plus \$7,500 in REU supplements.
- 2014–2017 A functional perspective on adaptive radiation: explaining differences in the adaptive radiations of mainland and island *Anolis* lizards. National Science Foundation, \$660,952 (jointly funded collaborative grant with T. Roberts).
- 2015–2017 The origin of species in action: synthesizing experimental studies of evolution with genomics. John Templeton Foundation, \$1,641,577.
- 2017–2018 RAPID: Testing for hurricane-induced natural selection that reverses the direction of morphological adaptation in *Anolis* lizards. National Science Foundation, \$75,691 (co-P.I.; Jason Kolbe, P.I.).
- 2018–2023 RCN: Eco-Evolutionary Dynamics in an Urban Planet: Underlying Mechanisms and Ecosystem Feedbacks. National Science Foundation, \$498,817 (one of 12 co-P.I.s; Marina Alberti, P.I.).

- 2019-2024 Dimensions US-South Africa: Convergent evolution across time and space: Evolutionary diversity and contemporary adaptation in new and old world lizards. National Science Foundation, \$1,103,212 (lead P.I. for collaborative grant totaling \$2,680,000).
- 2020-2021 Mapping Biodiversity in Jamaican *Anolis* Lizards. National Geographic Society, \$28,990.
- 2020-2023 Does Evolution Repeat Itself? Genome Evolution and Phenotypic Convergence in Island Lizards. Human Frontier Science Program, \$1,200,000.

**BOOKS:**

- Losos, J.B. 2009. *Lizards in an Evolutionary Tree: Ecology and Adaptive Radiation of Anoles*. University of California Press: Berkeley, CA.
- Levin, S.A., Ed., S.R. Carpenter, H.C.J. Godfray, A.P. Kinzig, M. Loreau, J.B. Losos, B. Walker, and D.S. Wilcove, Assoc. Eds. 2009. *The Princeton Guide to Ecology*. Princeton University Press: Princeton, NJ.
- Losos, J.B., and R.E. Ricklefs, Eds. 2009. *The Theory of Island Biogeography Revisited*. Princeton University Press: Princeton, NJ.
- Losos, J.B. Ed. 2010. *In the Light of Evolution: Essays from the Laboratory and Field*. Roberts and Co.: Greenwood Village, CO.
- Losos, J.B., D.A. Baum, D.J. Futuyma, H.E. Hoekstra, R.E. Lenski, A.J. Moore, C.L. Peichel, D. Schluter and M.C. Whitlock. Eds. 2014. *The Princeton Guide to Evolution*. Princeton University Press: Princeton, NJ.
- Losos, J.B., and R.E. Lenski. Eds. 2016. *How Evolution Shapes Our Lives: Essays on Biology and Society*. Princeton University Press: Princeton, NJ.
- Losos, J.B. 2017. *Improbable Destinies: Fate, Chance and the Future of Evolution*. Riverhead Press, Penguin Random House: New York, NY.

**ARTICLES:**

- Losos, J.B. 1985. Male aggressive behavior in a pair of sympatric sibling species. *Breviora* 484: 1-30.
- Losos, J.B. 1985. An experimental demonstration of the species-recognition role of *Anolis* dewlap color. *Copeia* 1985: 905-910.
- Losos, J.B. 1986. Island biogeography of day geckos (*Phelsuma*) in the Indian Ocean. *Oecologia* 68: 338-343.
- Losos, J.B. 1987. Postures of the Military Dragon (*Ctenophorus isolepis*) in relation to substrate temperature. *Amphibia-Reptilia* 8: 419-423.
- Greene, H.W., and J.B. Losos. 1988. Systematics, natural history, and conservation. *Bioscience* 38: 458-462.
- Losos, J.B. 1988. Thermoregulatory correlates of escape behavior by a desert lizard, *Ctenophorus isolepis*. *Journal of Herpetology* 22: 353-356.
- Losos, J.B., and H.W. Greene. 1988. Ecological and evolutionary implications of diet in monitor lizards. *Biological Journal of the Linnean Society* 35: 379-407.
- Losos, J.B., T. Papenfuss, and J.R. Macey. 1989. Correlates of running, jumping, and parachuting performance in the butterfly lizard, *Leiolepis belliani*. *Journal of Zoology* 217: 559-568.
- Losos, J.B., and B. Sinervo. 1989. The effects of morphology and perch diameter on sprint performance in *Anolis* lizards. *Journal of Experimental Biology* 145: 23-30.
- Losos, J.B., S. Naeem, and R.K. Colwell. 1989. Hutchinsonian ratios and statistical power. *Evolution* 43: 1820-1826.
- Losos, J.B. 1990. Thermal sensitivity of sprinting and clinging performance in the Tokay gecko (*Gekko gecko*). *Asiatic Herpetological Research* 3: 54-59.
- Losos, J.B. 1990. Concordant evolution of locomotor behavior, display rate, and morphology in West

- Indian *Anolis* lizards. *Animal Behaviour* 39: 879-890.
- Losos, J.B. 1990. A phylogenetic analysis of character displacement in Caribbean *Anolis* lizards. *Evolution* 44: 558-569.
- Losos, J.B. 1990. Ecomorphology, performance capability, and scaling of West Indian *Anolis* lizards: an evolutionary analysis. *Ecological Monographs* 60: 369-388.
- Losos, J.B. 1990. The evolution of form and function: morphology and locomotor performance ability in West Indian *Anolis* lizards. *Evolution* 44: 1189-1203.
- Losos, J.B., M.R. Gannon, W.J. Pfeiffer, and R.B. Waide. 1990. Notes on the ecology and behavior of the lagarto verde, *Anolis cuvieri*, in Puerto Rico. *Caribbean Journal of Science* 26: 65-66.
- Dryden, G., B. Green, D. King, and J. Losos. 1990. Water and energy turnover in a small monitor lizard, *Varanus acanthurus*. *Australian Wildlife Research* 17: 641-646.
- Hess, N.E., and J.B. Losos. 1991. Interspecific aggression between *Anolis cristatellus* and *A. gundlachi*: comparisons of sympatric and allopatric populations. *Journal of Herpetology* 25: 256-259.
- Sinervo, B., and J.B. Losos. 1991. Walking the tight rope: arboreal sprint performance among *Sceloporus occidentalis* lizard populations. *Ecology* 72: 1225-1233.
- Losos, J.B., R.M. Andrews, O.J. Sexton, and A. Schuler. 1991. Behavior, ecology, and locomotor performance of the giant anole, *Anolis frenatus*. *Caribbean Journal of Science* 27: 173-179.
- James, C.D., and J.B. Losos. 1991. Diet and reproductive biology of the Australian sand-swimming lizards, *Eremiascincus* (Scincidae). *Australian Wildlife Research* 18: 641-654.
- Losos, J.B. 1992. A critical comparison of the taxon cycle and character displacement models for size evolution of *Anolis* lizards in the Lesser Antilles. *Copeia* 1992: 279-288.
- James, C.D., J.B. Losos, and D.R. King. 1992. Reproductive biology and diets of goannas (Reptilia: Varanidae) from Australia. *Journal of Herpetology* 26: 128-136.
- Losos, J.B. 1992. The evolution of convergent community structure in Caribbean *Anolis* communities. *Systematic Biology* 41: 403-420.
- Losos, J.B., B.M. Walton, and A.F. Bennett. 1993. Trade-offs between sprinting and clinging ability in Kenyan chameleons. *Functional Ecology* 7: 281-286.
- Losos, J.B., J.C. Marks, and T.W. Schoener. 1993. Habitat use and ecological interactions of an introduced and a native species of *Anolis* lizard on Grand Cayman. *Oecologia* 95: 525-532.
- Losos, J.B. 1994. An approach to the analysis of comparative data when a phylogeny is unavailable or incomplete. *Systematic Biology* 43: 117-123.
- Losos, J.B., and D.B. Miles. 1994. Adaptation, constraint, and the comparative method: phylogenetic issues and methods. Pp. 60-98 in P.C. Wainwright and S. Reilly, Eds., *Ecological Morphology: Integrative Organismal Biology*. University of Chicago Press: Chicago.
- Garland, T., Jr., and J.B. Losos. 1994. Ecological morphology of locomotor performance in squamate reptiles. Pp. 240-302 in P.C. Wainwright and S. Reilly, Eds., *Ecological Morphology: Integrative Organismal Biology*. University of Chicago Press: Chicago.
- Losos, J.B. 1994. Historical contingency and lizard community ecology. Pp. 319-333 in L.J. Vitt and E.R. Pianka, Eds., *Lizard Ecology: Historical and Experimental Perspectives*. Princeton Univ. Press: Princeton.
- Macedonia, J.M., C.S. Evans, and J.B. Losos. 1994. Male *Anolis* lizards discriminate video-recorded conspecific and heterospecific displays. *Animal Behaviour* 47: 1220-1223.
- Losos, J.B. 1994. Integrative approaches to evolutionary ecology: *Anolis* lizards as model systems. *Annual Review of Ecology and Systematics* 25: 467-493.
- Losos, J.B., D.J. Irschick, and T.W. Schoener. 1994. Adaptation and constraint in the evolution of specialization of Bahamian *Anolis* lizards. *Evolution* 48: 1786-1798.
- Losos, J.B., and F.R. Adler. 1995. Stumped by trees? A generalized null model for patterns of organismal diversity. *American Naturalist* 145: 329-342.
- Losos, J.B. 1995. Community evolution in Greater Antillean *Anolis* lizards: Phylogenetic patterns and experimental tests. *Philosophical Transactions of the Royal Society of London*,

- B 349:69-75. Reprinted in P.H. Harvey, A.J.L. Brown, J.M. Smith, and S. Nee, Eds. 1996. *New Uses for New Phylogenies*, pp. 308-321, Oxford Univ. Press: Oxford.
- Losos, J.B., and D.J. Irschick. 1996. The effect of perch diameter on escape behaviour of *Anolis* lizards: Laboratory-based predictions and field tests. *Animal Behaviour* 51: 593-602.
- Irschick, D.J., and J.B. Losos. 1996. Morphology, ecology, and behavior of the twig anole, *Anolis angusticeps*. Pp. 291-301 in R. Powell and R.W. Henderson, Eds., *Contributions to West Indian Herpetology: A Tribute to Albert Schwartz*. Society for the Study of Amphibians and Reptiles, Ithaca, NY.
- Losos, J.B. 1996. Dynamics of range expansion by three introduced species of *Anolis* lizards on Bermuda. *Journal of Herpetology* 30: 204-210.
- Losos, J.B. 1996. Phylogenetic perspectives on community ecology. *Ecology* 77: 1344-1354.
- Losos, J.B. 1996. Ecological and evolutionary determinants of the species-area relation in Caribbean anoline lizards. *Philosophical Transactions of the Royal Society of London*, B 351:847-854. Reprinted in P.R. Grant. 1998. *Evolution on Islands*, pp. 210-224, Oxford University Press: Oxford.
- Losos, J.B. 1996. Phylogenies and comparative biology, Stage II: Testing causal hypotheses derived from phylogenies with data from extant taxa. *Systematic Biology* 45: 259-260.
- Larson, A., and J.B. Losos. 1996. Phylogenetic systematics of adaptation. In M.R. Rose G.V. Lauder, Eds., *Adaptation*. Pp. 187-220. Academic Press: San Diego.
- Irschick, D.J., C.C. Austin, K. Petren, R.N. Fisher, J.B. Losos, and O. Ellers. 1996. A comparative analysis of clinging ability among pad-bearing lizards. *Biological Journal of the Linnean Society* 59: 21-35.
- Stamps, J.A., J.B. Losos, and R.M. Andrews. 1997. A comparative study of population density and sexual size dimorphism in lizards. *American Naturalist* 149: 64-90.
- Losos, J.B., K.I. Warheit, and T.W. Schoener. 1997. Adaptive differentiation following experimental island colonization in *Anolis* lizards. *Nature* 387: 70-73.
- Glossip, D., and J.B. Losos. 1997. Ecological correlates of number of subdigital lamellae in anoles. *Herpetologica* 53: 192-199.
- Jackman, T., J.B. Losos, A. Larson and K. de Queiroz. 1997. Phylogenetic studies of convergent adaptive radiations in Caribbean *Anolis* lizards. Pp. 535-557 in T. Givnish and K. Systma, Eds., *Molecular Evolution and Adaptive Radiation*. Cambridge University Press: Cambridge.
- Autumn, K., and J.B. Losos. 1997. Notes on jumping ability and thermal biology of the enigmatic anole *Chamaelinorops barbouri*. *Journal of Herpetology* 31: 442-444.
- Losos, J.B., and K. de Queiroz. 1997. Evolutionary consequences of ecological release in Caribbean *Anolis* lizards. *Biological Journal of the Linnean Society* 61: 459-483.
- Irschick, D.J., L.J. Vitt, P.A. Zani, and J.B. Losos. 1997. A comparison of evolutionary radiations in mainland and West Indian *Anolis* lizards. *Ecology* 78: 2191-2203.
- Butler, M.A., and J.B. Losos. 1997. Testing for unequal amounts of evolution in a continuous character on different branches of a phylogenetic tree using linear and squared-change parsimony: an example using Lesser Antillean *Anolis* lizards. *Evolution* 51: 1623-1635.
- Irschick, D.J., and J.B. Losos. 1998. A comparative analysis of the ecological significance of maximal locomotor performance in Caribbean *Anolis* lizards. *Evolution* 52: 219-226.
- Losos, J.B., T.R. Jackman, A. Larson, K. de Queiroz, and L. Rodríguez-Schettino. 1998. Historical contingency and determinism in replicated adaptive radiations of island lizards. *Science* 279: 2115-2118.

- Losos, J.B., and L.-R. Chu. 1998. Examination of factors affecting dewlap size in Caribbean anoles. *Copeia* 1998: 430-438.
- Spiller, D.A., J.B. Losos, and T.W. Schoener. 1998. Impact of a catastrophic hurricane on island populations. *Science* 281: 695-697.
- Leal, M., J.A. Rodríguez-Robles, and J.B. Losos. 1998. An experimental study of interspecific interactions between two Puerto Rican *Anolis* lizards. *Oecologia* 117: 273-278.
- de Queiroz, K., L.-R. Chu, and J.B. Losos. 1998. A second *Anolis* lizard in Dominican amber and the systematics and ecological morphology of Dominican amber anoles. *American Museum of Natural History Novitates* 3249: 1-23.
- Losos, J.B., and D. Spiller. 1999. Differential colonization success and asymmetrical interactions between two lizard species. *Ecology* 80: 252-258.
- Jackman, T.R., A. Larson, K. de Queiroz, and J.B. Losos. 1999. Phylogenetic relationships and the tempo of early diversification in *Anolis* lizards. *Systematic Biology* 48: 254-285.
- Beuttell, K., and J.B. Losos. 1999. Ecological morphology of Caribbean anoles. *Herpetological Monographs* 13: 1-28.
- Irschick, D.J., and J.B. Losos. 1999. Do lizards avoid habitats in which performance is submaximal?: The relationship between sprinting capabilities and structural habitat use in Caribbean anoles. *American Naturalist* 154:293-305.
- Warheit, K.I., J.D. Forman, J.B. Losos, and D.B. Miles. 1999. Morphological diversification and adaptive radiation: a comparison of two diverse lizard clades. *Evolution* 53:1226-1234.
- Losos, J.B. 1999. Uncertainty in the reconstruction of ancestral character states and limitations on the use of phylogenetic comparative methods. *Animal Behaviour* 58: 1319-1324.
- Losos, J.B., D.A. Creer, D. Glossip, R. Goellner, A. Hampton, G. Roberts, N. Haskell, P. Taylor, and J. Etling. 2000. Evolutionary implications of phenotypic plasticity in the hindlimb of the lizard *Anolis sagrei*. *Evolution* 54:301-305.
- Butler, M.A., T.W. Schoener, and J.B. Losos. 2000. The relationship between sexual size dimorphism and habitat use in Greater Antillean *Anolis* lizards. *Evolution* 54: 259-272.
- Leal, M., and J.B. Losos. 2000. Natural history of the Cuban lizard *Chamaeleolis barbatus*. *Journal of Herpetology* 34:318-322.
- Losos, J.B., and D. Schluter. 2000. Analysis of an evolutionary species-area relationship. *Nature* 408:847-850.
- Schneider, C.J., J.B. Losos, and K. de Queiroz. 2001. Evolutionary relationships of *Anolis bimaculatus* group from the northern Lesser Antilles. *Journal of Herpetology* 35:1-12.
- Schoener, T.W., D.A. Spiller, and J.B. Losos. 2001. Predators increase the risk of catastrophic extinction of prey populations. *Nature* 412:183-186.
- Creer, D.A., K. de Queiroz, T.R. Jackman, J.B. Losos, and A. Larson. 2001. Systematics of the *Anolis roquet* series of the southern Lesser Antilles. *Journal of Herpetology* 35: 428-441.
- Schoener, T.W., D.A. Spiller, and J.B. Losos. 2001. Natural restoration of the species-area relation for a lizard after a hurricane. *Science* 294:1525-1528.
- Knox, A.K., J.B. Losos, and C.J. Schneider. 2001. Adaptive radiation versus intraspecific differentiation: morphological variation in Caribbean *Anolis* lizards. *Journal of Evolutionary Biology* 14:904-909.
- Losos, J.B., T.W. Schoener, K.I. Warheit, and D.A. Creer. 2001. Experimental studies of adaptive differentiation in Bahamian *Anolis* lizards. *Genetica* 112-113:399-415. (Reprinted in A.P. Hendry and M.T. Kinnison, Eds., *Microevolution: Rate, Pattern, and Process*, pp.



- 399-415. Kluwer Academic Publishers: Dordrecht.
- Angert, A.L., D. Hutchison, D. Glossip, and J.B. Losos. 2002. Microhabitat use and thermal biology of the collared lizard (*Crotaphytus collaris collaris*) and the fence lizard (*Sceloporus undulatus hyacinthinus*) in Missouri glades. *Journal of Herpetology* 36:23-29.
- Jackman, T.R., D.J. Irschick, K. de Queiroz, J.B. Losos, and A. Larson. 2002. Molecular phylogenetic perspective on evolution of lizards of the *Anolis grahami* Series. *Journal of Experimental Zoology: Molecular and Developmental Evolution* 294:1-16.
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**TEXTBOOKS:**

- Raven, P.H., G.B. Johnson, J.B. Losos, and S.S. Singer. 2004. *Biology*, 7<sup>th</sup> Ed. McGraw-Hill: Boston, MA.
- Raven, P.H., G.B. Johnson, J.B. Losos, K.A. Mason, and S.S. Singer. 2007. *Biology*, 8<sup>th</sup> Ed. McGraw-Hill: Boston, MA.
- Johnson, G., and J. Losos. 2008. *The Living World*, 5<sup>th</sup> Ed. McGraw-Hill: Boston, MA.
- Johnson, G., and J. Losos. 2008. *Essentials of the Living World*, 2<sup>nd</sup> Ed. McGraw-Hill: Boston, MA.
- Johnson, G., and J. Losos. 2010. *The Living World*, 6<sup>th</sup> Ed. McGraw-Hill: Boston, MA.
- Raven, P., G.B. Johnson, K.A. Mason, J.B. Losos, and S.S. Singer. 2010. *Biology*, 9<sup>th</sup> Ed. McGraw-Hill: New York, NY.
- Raven, P., G.B. Johnson, K.A. Mason, J.B. Losos, and S.S. Singer. 2013. *Biology*, 10<sup>th</sup> Ed. McGraw-Hill: New York, NY.
- Mason, K., G. Johnson, J. Losos, and S. Singer. 2014. *Understanding Biology*. McGraw-Hill:

New York, NY.

Raven, P., G.B. Johnson, K.A. Mason, J.B. Losos, and S.S. Singer. 2016. *Biology*, 11<sup>th</sup> Ed. McGraw-Hill: New York, NY.

Mason, K., T. Duncan, G. Johnson, J. Losos, and S. Singer. 2018. *Understanding Biology*, 2<sup>nd</sup> Ed. McGraw-Hill: New York, NY.

Raven, P., G.B. Johnson, K.A. Mason, J.B. Losos, and T. Duncan. 2019. *Biology*, 12<sup>th</sup> Ed. McGraw-Hill: New York, NY.

Mason, K., T. Duncan, and J. Losos. 2021. *Understanding Biology*, 3<sup>rd</sup> Ed. McGraw-Hill: New York, NY.

Raven, P., G.B. Johnson, K.A. Mason, J.B. Losos, and T. Duncan. 2022. *Biology*, 13<sup>th</sup> Ed. McGraw-Hill: New York, NY.

### **INVITED SEMINARS AND SYMPOSIUM CONTRIBUTIONS:**

University of Washington, Seattle (1987, 2006), California Academy of Sciences (1988, 1991), Princeton University (1988, 1992, 2008, 2009), University of California, Irvine (1989), 1st World Congress of Herpetology (1989), American Society of Zoologists (1990), Washington University (1991), Duke University (1991, 1999, 2010), Society for the Study of Evolution (1991, 1993), University of California, San Diego (1992), Academy of Natural Sciences, Philadelphia (1992), University of British Columbia (1992, 2000, 2009, 2018), University of Missouri, St. Louis (1993, 1997, 2011), American Society of Ichthyologists and Herpetologists (1993, 1997), Rutgers University (1993, 2014), Saint Louis University (1993, 2019), Ohio University (1993), 2nd World Congress of Herpetology (1994), Vanderbilt University (1994, 2020), University of Missouri, Columbia (1994), University of California, Berkeley (1994, 2015); Royal Society of London (1994, 1995); University of Miami (1995, 2019); Institute of Ecology and Systematics, Cuban Academy of Sciences (1995); University of Chicago (1995, 2022); Indiana State University, Terre Haute (1995); Ciba Foundation (1995); Florida State University (1996), Indiana University (1996, 1998, 2004); National Museum of Natural History, Smithsonian Institution (1997, 2004); University of Oregon (1997); University of Stellenbosch (1997, 1999); University of Cape Town (1997); University of Massachusetts, Amherst (1998, 2011); Harvard University (1998, 2003, 2004); Yale University (1998); Herpetological Association of Africa (1998, 2020); Transvaal Museum of Natural History (1998); Brigham Young University (1998); University of Utah (1998); University of Oklahoma (1998, 2013, 2017); Zoological Society of Southern Africa (1999); Venda University (1999); University of Pretoria (1999); Southern Illinois University, Carbondale (1999, 2018); International Institute of Applied Systems Analysis, Vienna (1999); University of Toronto (1999, 2005, 2013); Cornell University (2000, 2011); University of Tennessee (2000); University of Illinois (2000); University of Arizona (2000); San Francisco State University (2000); St. Louis Zoological Park (2001); University of California, Davis (2001, 2007); Boston University (2002); University of California, Santa Barbara (2002); Tulane University (2002); Michigan State University (2002, 2014); Victoria University, Wellington, New Zealand (2003); Southwest Illinois College Darwin Day (2004, 2019); Southwest Missouri State University (2004); La Selva Biological Station (2005); National Association of Biology Teachers (2005); University of Connecticut (2007); University of Nevada-Las Vegas (2007); Field Museum of Natural History (2007); University of Texas, Austin (2008); Dartmouth College (2008); Museum of Vertebrate Zoology, University of

California, Berkeley, Alumni Symposium invited speaker (2008); Little Cayman Research Center (2009); Salem State Darwin Festival (2010); University of Wisconsin Darwin Day (2010); University of Rochester (2010); Pontificia Universidad Católica del Ecuador (2010); University of Sydney (2010); Australian National University (2010); University of New South Wales (2010); Virginia Commonwealth University Darwin Day (2011); Stanford (2011, 2014); University of Massachusetts, Boston (2011); Northeastern University (2011); Scripps Institute of Oceanography (2012); University of Idaho (2012); University of Rhode Island (2012); University of Toronto Darwin Day (2013); Universidad de los Andes (2013); University of Witswatersrand (2013); City College of New York (2013); Clark University (2014); Edward O. Wilson Biodiversity Symposium (2014); University of Hawaii (2015); Washington University Darwin Day (2016); John H. Ostrom Program Series, Yale Peabody Museum of Natural History (2016); Wesleyan University (2016); Bowdoin College (2016); Columbia University (2016, 2017); University of Kansas (2017); University of Florida (2017, 2020); University of Minnesota (2018, 2022); Melbourne Museum (2019); Arizona State University (2019); University of Konstanz (2019); Carl Friedrich von Siemens Foundation, Munich (2019); University of New Orleans (2019); Villanova University (2019); American Museum of Natural History (2020); Australian National University (2020); Sam Houston State University (2020); Cancer and Evolution Seminar Series, (2020); Tunisian Association for Wildlife (2021); Grinnell College (2021); Universidad Autónoma de Santo Domingo-Dominican Republic (2021); University of Southern Mississippi (2022); University of Colorado-Denver (2022); Oklahoma State University (2022); Rice University (2022); Linnean Society of London (2023)

**PROFESSIONAL SERVICE:**

Co-organizer, Symposium on *Anolis* Biology, 1989 meeting of the American Society of Ichthyologists and Herpetologists.

Member, Committee on the Integrative Role of Systematics in Ecology, Systematics Agenda 2000: Integrating Biological Diversity and Societal Needs, jointly sponsored by the American Society of Plant Taxonomists, the Society of Systematic Biologists, and the Willi Hennig Society, 1991–1993

Member, Board of Governors, American Society of Ichthyologists and Herpetologists, 1992–1995

Organizer, Symposium on phylogeny and comparative biology, meeting of the American Society of Zoologists, 1994.

Co-chair, American Society of Zoologists annual meeting, 1994

Research Associate, Department of Vertebrate Zoology, National Museum of Natural History, Smithsonian Institution, 1995–2007

Director (Washington University), Organization for Tropical Studies, 1999–2005

Board of Science Advisors, National Center for Ecological Analysis and Synthesis, 1999–2002

E.O. Wilson Naturalist Award Committee, 1998–1999; Chair, 1999

Conservation Science Panel, Sustainable Ecosystems Institute, 2000–2003

Conservation Fellow, Conservation Institute, Saint Louis Zoological Park, 2003–

Co-organizer, 50th annual systematics symposium, Missouri Botanical Garden, "Species reconsidered: Consequences for Biodiversity and Evolution." October, 2003



Science Advisory Panel, Soundprint Media, Inc., proposal to the National Science Foundation to create a 13-part public radio series, *Science Applied*, 2005–2008  
Science Board, National Evolutionary Synthesis Center, 2005–2008  
Advisory Council, Department of Ecology and Evolutionary Biology, Princeton University, 2007–2013  
Organizer, 50<sup>th</sup> Anniversary Symposium, “Herpetology in the Age of Genomics,” Society for the Study of Amphibians and Reptiles, 2007  
Organizer (with Robert Ricklefs), “The Theory of Island Biogeography at 40: Impacts and Prospects,” Harvard University, 2007  
Faculty of 1000 Biology, 2008–2012  
Committee for Research and Exploration, National Geographic Society, 2009–2018  
President, American Society of Naturalists, 2010  
Henry S. Fitch Excellence in Herpetology Award Committee, American Society of Ichthyologists and Herpetologists, 2010–2012; Chair, 2012  
Editorial Board, *Grzimek’s Animal Life Encyclopedia*, 2009–2012  
Board of Reviewing Editors, *Science*, 2010-  
Science Advisory Board, *Life on Earth*, 2010–2013  
Editor-in-Chief, Oxford Bibliographies in Evolutionary Biology, 2011-2015  
Instructor, Evolutionary Quantitative Genetics Academy, National Evolutionary Synthesis Center, 2012  
Departmental Review, Department of Ecology and Evolutionary Biology, Princeton University, Chair, 2013  
Scientific Consultant, *The Origin of Species: Lizards in an Evolutionary Tree*. Film produced by the Howard Hughes Medical Institutem 2012-2014  
<http://media.hhmi.org/biointeractive/films/OriginSpecies-Lizards.html>  
Department Review, Department of Environment, Ecology, and Evolutionary Biology, Columbia University, 2014  
Associate, Broad Institute, 2015-2017  
Wallace Award Committee, International Biogeography Society, 2016  
Membership Panel, Class II, Section 4 (Evolutionary and Population Biology and Ecology), American Academy of Arts and Sciences, 2014- ; Chair, 2016-2022.  
Princeton University Press Monographs in Population Biology Advisory Board, 2016-  
Special Publications Committee, American Society of Ichthyologists and Herpetologists, Co-Chair, 2016-  
Assistant Secretary for Sciences, American Academy of Arts and Sciences, 2022-  
Class Membership Committee, Member-at-Large, National Academy of Sciences, 2022-

**JOURNAL EDITORSHIPS:**

Associate Editor, *Evolution*, 1998–2000  
Associate Editor, *The American Naturalist*, 1998–2002  
Editor, *The American Naturalist*, 2002–2006  
Editor, *Breviora*, 2007–2018  
Editor, *Bulletin of the Museum of Comparative Zoology*, 2007–2018  
Guest Editor, *Proceedings of the National Academy of Sciences of the United States of America*, 2016

**COMMUNITY SERVICE:**

The Nature Conservancy, Missouri chapter, Board of Trustees, 1996–2002  
Sophia M. Sachs Butterfly House, Scientific Advisory Panel, 2000–2003  
Sophia M. Sachs Butterfly House, Long-Range Planning Committee, 2000–2002  
Conservation Action Prize Committee, International Center for Tropical Ecology, 2001–2003  
Adult Education Task Force, Education Committee, St. Louis Science Center Board of Directors, 2003  
Field Research for Conservation Program, St. Louis Zoo, Reviewer, 1998–  
Strategic Plan Advisory Committee, St. Louis Zoo, 2006–2007  
Endangered Wolf Center, Board of Directors, 2020–  
Wildcare Institute, Saint Louis Zoo, Conservation Council, 2021–  
Saint Louis Aquarium Foundation, Board of Directors, 2021–

**GRADUATE STUDENT THESIS COMMITTEES:**

Jennifer Matos, 1992	Reinaldo de Brito, 1995–1999
Keith Crandall, 1992–1993	Kimberly Nekaris (Anthropology), 1999
Ann Gerber, 1992–1994	Donna Hart (Anthropology), 1999
Lisa Gould (Anthropology), 1993–1994	Jason Bradford, 1995–2000
Marshal Hedin, 1993–1995	Simon Malcomber, 1996–2000
Andi Freedman (University of Miami), 1994–1995	Jason Rauscher, 1995–2000
Ben Freed (Anthropology), 1993–1996	Thore Bergman, 1999–2000
Brad Boyle, 1993–1996	Keri Williamson, 1995–2001
Mark Bergeson (Anthropology), 1994–1996	Curt Niebur (Earth and Planetary Sciences), 2001
Delbert Hutchison, 1993–1997	Theresa Berquist (University of Missouri-St. Louis), 1998–2002
Paul Wilson, 1996–1997	Ted Townsend, 2000–2003
Michael Fay (Anthropology), 1996–1997	Dave Weisrock, 2002–2003
Susan Jacobs, 1993–1997	Sylvia Fallon (University of Missouri-St. Louis), 2002–2003
Natalia Vasey (Anthropology), 1995–1997	Jared Strasburg, 2003–2004
Paul Olson, 1995–1997	Crickette Sanz (Anthropology), 2004
Mary Katherine Crombie (Earth and Planetary Sciences), 1997	Jennifer Brisson, 2004
Shimelis Beyene (Anthropology), 1996– 1998	Alison Miller, 2004
Laura Bischof, 1993–1998	Rosmarie Koch, 2004
Alan Roberts (University of Western Australia), 1997	Kathryn Oheim, (Master’s degree, Environmental Studies), 2004–2005
Michelle Singleton (Anthropology), 1997– 1998	Ken Kozak, 2002–2005
Martin Whiting (University of Stellenbosch), 1998	Laura Shackelford (Anthropology), 2005
Alison Graf, 1998–1999	Mercedes Rougés (University of Missouri- St. Louis), 1996–1998
Tomas Hrbek, 1998–1999	Corey Anderson, 2003–2006
Bob Macey, 1994–1999	Thom Sanger, 2004–2006
	Russell Blaine, 2004–2006

Matthew Gifford, 2004–2006  
 Kathleen Muldoon (Anthropology), 2005–  
 2006  
 Charlie Willis, 2008  
 Santiago Ramirez, 2007–2008  
 Lynne Mullen, 2008–2010  
 Ben Wolfe, 2007  
 Ed Yoo, 2007–2010  
 Yunke Wu, 2008–2012  
 Evan Kingsley, 2009–2015  
 Emily Kay, 2010–2014  
 Casey Gilman (U. Mass., Amherst), 2012–  
 2018  
 Hillery Metz, 2012–2015

Joel Nitta, 2013–2016  
 Kathleen Foster (U. California, Riverside),  
 2013–2016  
 Rebecca Buckman, 2014–2016  
 James Stroud (Univ. Miami), 2013–2018  
 Caitlin Baker, 2016–2017  
 Brianna McHorse, 2016–2019  
 Kate Farley (Anthropology), 2022  
 Julia Cosgrove, 2016–2017  
 Tyler Larsen, 2018–2022  
 Trey Scott, 2019–  
 Anna Iouchmanov (Georgia State), 2021–  
 Justin Baldwin, 2021–  
 Sarah Swiston, 2022–

**STUDENTS TRAINED IN LOSOS LAB:**

**High School Students:**

Sara Barker	1994
David Kedmey	1997–1998
Asa Conover	2011–2013
Christian Lehner	2014

**Undergraduates:**

Mike Coats	1992–1993	Sonal Singhal	2005–2006
Kevin Beuttel	1992–1994	Jason Ladner	2005
Danielle Glossip	1993–1994	Anthony Buda	2005–2006
Matt Parks	1993–1994	Carla Fresquez	2005–2006
Ling-Ru Chu	1995–1996	Taylor Ramsey	2006
Stephan Koruba	1995–1996	James Shaw	2006
Ted Macrini	1996–1997	Annie Chen	2006–2008
Jonathan Forman	1996–1997	Debbie Chang	2007
Amy Angert	1995–1998	Alison Hsiang	2007
Corinne Joshu	1997–1998	Karen Lovely	2007–2009
Ian Cornelius	1998–1999	Hannah Frank	2007–2009
Scott Martinka	1998–1999	Lela Sims	2008–2009
Aaron Hames	1997–2000	Grace Charles	2008–2011
Kate Knox	1999–2002	Eva Catenaccio	2009–2010
Ryan Bickel	2000–2001	Rick Stanley	2010–2012
Paul Hime	2000–2003	Paul Vanmiddlesworth	2010–2013
Rachel Novick	2001	Natalie Jacewicz	2011–2013
Crystal Yates-White	2002–2003	Ian Shields	2011–2013
Su Wang	2003–2005	Tanner Strickland	2011–2014
Rebecca Kirby	2003–2005	Alexander Jaffe	2012–2015
Deniz Oran	2004	Tyler Gamble	2013–2014
Laura d’Andrea	2005–2006	Rachel Moon	2014–2016

Christian Perez	2014-2017	Max Prager	2018-2019
Vanessa Lam	2017-2018	Liam Engel	2018-2019
Nina Morales	2017-2018	Saransh Gothi	2018-2019
Katherine Culbertson	2017-2018	Benjamin Krasnoff	2019-2022
Annelie Herrmann	2017-2018	Jake Jacobs	2019-2021
Emmanuel d'Agostino	2018-2019	Camille Block	2021-
Allison Rabe	2018-2019	Daisy Lewis	2021-

### Graduate Students:

#### Rotators

Bob Macey	1993–1994	Angelica Cuevas	2013
Tomas Hrbek	1993–1994	Veronica Gomez-Pourroy	2013-2014
Dave Weisrock	1998	Wendy Jesse	2014
Corey Anderson	2000	Ken Toyama	2015-2016
Thomas Sanger	2002–2003	Martijn van de Schoot	2016
Matt Gifford	2003	Raphaël Scherrer	2016-2017
Iliana Medina	2011	Fatih Sarigol	2017
Kevin Mulder	2011-2012	Wen Hsi-Kuo	2018
Hanna Wegener	2012	Sarah Swiston	2020
Simon le Boulh	2011-2012	Ellen Urquhart	2021-2022

### Ph.D. Candidates

- Duncan Irschick. 1996. Adaptation, Performance Ability and Evolutionary Diversification in *Anolis* Lizards.
- Marguerite Butler. 1998. Evolution of Sexual Dimorphism and Adaptive Radiation in *Anolis* Lizards.
- Manuel Leal. 2000. Intra- and Interspecific Variation in the Behavioral Responses Given to an Approaching Predator by *Anolis* Lizards.
- John Parks. 2000. Territoriality and Spatial Structure of the Eastern Collared Lizard, *Crotaphytus collaris collaris*: Spatial, Temporal and Individual Variation.
- David Pepin. 2001. Natural History of Monitor Lizards (Family Varanidae) with Evidence from Phylogeny, Ecology, Life History and Morphology.
- Doug Creer. 2001. Phylogenetic Relationships, Ontogenetic Color Change, and Antipredator Adaptation in the Colubrinae (Serpentes).
- Jim Schulte. 2001. A Phylogenetic and Ecological Analysis of Iguanian Lizard Evolution.
- Richard Glor. 2004. Species Diversification in an Adaptive Radiation: A Comparative Analysis of *Anolis* Lizards.
- Luke Harmon. 2005. Competition and Community Structure in Day Geckos (*Phelsuma*) in the Indian Ocean.
- Jason Kolbe. 2005. Anoles Out of Place: An Evolutionary Analysis of Introduced *Anolis* Lizards.
- Michele Johnson. 2007. Behavioral Ecology of Caribbean *Anolis* Lizards: A comparative Approach.
- Brian Langerhans. 2008. Predation and Evolutionary Diversification in *Gambusia* Fishes.
- Liam Revell. 2009. Quantitative Genetics and Evolutionary Inference in a Phylogenetic

Context.

Luke Mahler. 2011. Rates and Patterns of Phenotypic Evolution in the Adaptive Radiation of *Anolis* Lizards.  
 Yoel Stuart. 2013. Character Displacement and Community Assembly in *Anolis* Lizards.  
 Alexis Harrison. 2014. Sexual Selection, Natural Selection and the Evolution of Social Structure in *Anolis* Lizards.  
 Martha Muñoz. 2014. A Multidimensional Perspective on the Role of Behavior in Evolution.  
 Shane Campbell-Staton. 2015. Temperature-Dependent Phylogeography and Physiological Divergence within the Green Anole, *Anolis carolinensis*.  
 Katie Boronow. 2011–2015.  
 Talia Moore. 2016. An Integrative Investigation of Convergent Bipedal Locomotion in Desert Rodents.  
 Ambika Kamath. 2017. Phenotypic Variation and the Behavioral Ecology of Lizards.  
 Pavitra Muralidhar. 2020. On the Evolution of Sex and its Consequences.  
 Nicholas Herrmann. 2021. Competition, Character Displacement, and Ecological Release in *Anolis* lizards.  
 Sofia Prado-Irwin. 2015-2022. Phylogeography and Signal Evolution in a Widespread Central American Anole.  
 Inbar Maayan. 2016-  
 Jhan Salazar. 2020-  
 Ari Miller. 2021-  
 Ansley Pethernick. 2021-  
 Lauren Johnson. 2022-

Post-Doctoral Fellows:

Todd Jackman	1994–1999	Julia Klaczko	2012–2013
Delbert Hutchison	1997–1999	Rosario Castañeda	2012–2014
Jane Melville	1998–2003	Pierre-Henri Fabre	2013–2014
Jason Knouft	2002–2004	Graham Reynolds	2013–2015
Kirsten Nicholson	2001–2006	Alexis Harrison	2015–2016
Tonia Hsieh	2007–2008	Anthony Geneva	2015–2020
Reneé Duckworth	2007–2008	Melissa Kemp	2015–2018
Terry Ord	2007–2010	Oriol Lapiedra	2016–2018
David Collar	2007–2010	Claire Dufour	2016–2018
Anthony Herrel	2008	Colin Donihue	2016–2020
Carlos Infante	2008-2010	Renata Moretti	2016–2018
Thomas Sanger	2008–2011	Michael Logan	2017
Adam Algar	2009–2011	Simon Baeckens	2017–2018
Katharina Wollenberg	2009–2011	Dan Bock	2017–2021
Ian Wang	2010–2012	Kristin Winchell	2018–2021
Emma Sherratt	2011–2013	James Stroud	2018–
Travis Ingram	2011–2013	Elizabeth Carlen	2021–
Gabriel Gartner	2011–2013		

**UNIVERSITY COMMITTEES:**

**Washington University**

Compton Fellowship Committee, 1994–1999, Chairman 1995–1999  
Howard Hughes Undergraduate Research Fellowship, 1993–1997  
Vice Chairman, 1996–1997  
Biology and Environmental Sciences Dual Degree Program  
Steering Committee 1994–1999  
Faculty Search Committee, 1994–1995, 1995–1996  
Tyson Advisory Committee, 1995–1999  
Spector Award Committee, 1997  
Committee on the Undergraduate Curriculum in Arts and Sciences, 1997  
Ecologist/Evolutionary Developmental Biologist Faculty Search  
Committee, Chair, 1997–1999  
Tyson Station Manager Search Committee, Chair, 1997–1998  
Tyson Director Search Committee, Chair, 1998–1999, 2002–2003  
Environmental Studies Steering Committee, 1995–2005  
Committee on Research Integrity, 1998–2004  
Committee on Environmental Quality, 2000–2005  
Evolution and Population Biology Steering Committee, 1992–2006  
Director, 1997–2005  
Evolution and Population Biology Graduate Admissions  
Committee, 1992–2006  
Lennette Fellowship Award Committee, Chair 2000–2005  
Markey Professorship Search Committee, 2002–2005  
Advisory Board, Center for Applied Human Values, 2003–2006  
Advisory Committee of the Center for Scientific Parallel Computing, 2003–2004  
GIS Advisory Committee, 2004–2005  
Task Force to Consider Preparation of Undergraduates for Careers in the Life Sciences, 2004–  
2005  
EPPB Steering Committee, 2018-  
EPPB Seminar Committee, Chair, 2018-  
DBBS Danforth Planning Committee, 2018-  
EPPB Qualifying Exam Committee, 2018-2019  
Chair's Advisory Committee, 2018-2022  
New Investigator Awards Committee, ad hoc member, 2018  
Mentor for Assoc. Prof. Jonathan Myers, 2019-  
Mentor for Dr. Amanda Koltz, 2019-2022  
Mentor for Asst. Prof. Swanne Gordon, 2019-2022  
Mentor for Asst. Prof. Carlos Botero, 2019-2022  
Mentor for Asst. Prof. Ashley Morhardt (Dept. Neuroscience), 2019-2022  
Arts & Sciences Dean Search Committee, 2019-2020  
Honorary Degree Committee, Board of Trustees, 2020  
Envisioning Faculty Excellence (EFE) Task Force, 2020-2021  
Washington University Strategic Plan Steering Committee, 2020-2022  
Environment Action Team, Chair, 2021-2022  
Arts & Sciences Strategic Plan Steering Committee, 2021-2022

Arboretum Executive Committee, 2022-  
Environmental Research Committee Implementation Team, University Strategic Plan, 2022-  
Internal Advisory Committee, School of Public Health, 2022-

### **Harvard University**

Physiological Ecologist Faculty Search Committee, Chair, 2006–2007  
Policy Committee, David Rockefeller Center for Latin American Studies, 2006–2017  
Grants for Undergraduate Research Selection Committee, Museum of Comparative Zoology,  
2006–2010  
Promotion Review Committee for Kathleen Donohue, 2007  
Ernest E. Williams Memorial Minute Committee, Chair, 2007–2009  
Hrды Fellowship Committee, Chair, 2007–2010  
Advisor, Color Exhibit, Harvard University Natural History Museum, 2007–2008  
Goelet Award Committee, Museum of Comparative Zoology, 2008–2010  
Cuban Studies Committee, David Rockefeller Center for Latin American Studies, 2008–2017  
Vertebrate Paleontology and Evolution Faculty Search Committee, Chair, 2008  
Miyata Award Committee, Museum of Comparative Zoology, 2008–2010  
Prather Lecture Selection Committee, Chair, 2009–2010  
OEB Seminar Committee, Chair, 2009–2014, 2015–2017  
Standing Committee on the Concentration in Environmental Science and Public Policy, 2008–  
2017  
Director of Graduate Studies, Dept. Organismic and Evolutionary Biology, 2010–2014  
Committee member, 2016  
Board of Tutors, Environmental Science and Public Policy, 2011–2017  
Promotion Review Committee for Charles Davis, Chair, 2009–2010  
Primate behavior faculty search committee, committee, Dept. Human Evolutionary Biology,  
2009–2010  
Paleontology Faculty Search Committee, Chair, 2010–2012  
Promotion Review Committee for Arkhat Abzhanov, 2013–2014  
Plant Biodiversity Faculty Search Committee, 2013–2014  
Ernst Mayer Travel Grant Committee, 2013, 2016–2017  
Faculty Grants Program Award Committee, David Rockefeller Center for Latin American  
Studies, 2014  
Board of Syndics, Harvard University Press, 2015–2017  
Faculty Fellow, Women’s Tennis Team, 2015–2017  
OEB Faculty Activities Committee, Chair, 2016–2017  
OEB representative to HILS Committee, 2016–2017  
MEME Student Selection Committee, 2016  
Second Year Review Committee for Robin Hopkins, 2016  
Behavioral/Physiological Ecologist Search Committee, Department of Human Evolutionary  
Biology, 2016–2017  
Mexican Research Fellows Program selection committee, 2017