

**Employment**

- 2009-present Harold E. and Leona M. Rice Professorship in Systematic Entomology, Department of Zoology, Oregon State University, Corvallis  
Director, Oregon State Arthropod Collection
- 2003-2009 Professor and Curator, Department of Entomology, University of Arizona, Tucson
- 1998-2003 Associate Professor and Curator, Department of Entomology, University of Arizona, Tucson
- 1992-1998 Assistant Professor and Curator, Department of Entomology, University of Arizona, Tucson
- 1990-1992 Alfred P. Sloan Postdoctoral Fellow, Richard Lewontin's lab, Department of Organismic and Evolutionary Biology, Harvard University, Cambridge

**Education**

- Ph.D. Harvard University, 1990, Biology  
Dissertation advisor: Dr. Edward O. Wilson  
Dissertation title: *Phylogenetic inference of historical pathways and models of evolutionary change*
- M.Sc. University of Alberta, 1985, Entomology  
Thesis advisor: Dr. George E. Ball  
Thesis title: *Systematics of the Holarctic ground-beetle subgenus Chrysobracteon Netolitzky and related Bembidion Latreille (Coleoptera: Carabidae)*
- B.Sc. University of Toronto, 1980, Zoology

**Notable Honors and Awards**

- 2011 Fellow, California Academy of Sciences
- 2000 University of Arizona Graduate and Professional Student Council  
Outstanding Mentor of Graduate Students, Honorable Mention
- 1999-2000 President, Society of Systematic Biologists
- 1998 Thomas Say Award for outstanding contributions to Systematic Entomology, Entomological Society of America.

**Peer-reviewed publications**

- McKenna, D.M. et al. In press. Phylogeny and evolution of Staphyliniformia and Scarabaeiformia: Forest litter as a stepping-stone for diversification of non-phytophagous beetles. **Systematic Entomology**.
- Liebherr, J.K., and Maddison, D.R. 2013. Colonisation of the Pacific by *Bembidion* beetles (Coleoptera : Carabidae), with description of *Bembidion tahitiense*, sp. nov. from Tahiti, French Polynesia. **Invertebrate Systematics**, 27:439-449.  
<http://dx.doi.org/10.1071/IS13003>

- Maddison, D.R., Toledano, L., Sallenave, S., and Roig-Juñent, S. 2013. Phylogenetic relationships of the South American ground beetle subgenus *Chilioperypus* Jeannel (Coleoptera: Carabidae: Trechinae: Bembidiini: *Bembidion* Latreille). **Zootaxa**, 3636 (4): 547–560. <http://dx.doi.org/10.11646/zootaxa.3636.4.3>
- Collins, T., Kearney, M., and Maddison, D. 2013. The Ideas Lab Concept, Assembling the Tree of Life, and AVAToL **PLoS Currents Tree of Life**, <http://dx.doi.org/10.1371/currents.tol.0fdb85e1619f313a2a5a2ec3d7a8df9e>
- Maddison, D.R., and Toledano, L. 2012. A new species of *Bembidion* (*Ecuadorion*) from Ecuador (Coleoptera, Carabidae, Bembidiini), with a key to members of the georgeballi species group. **ZooKeys** 249: 51-60. <http://dx.doi.org/10.3897/zookeys.249.4149>
- Maddison, D.R. 2012. Phylogeny of *Bembidion* and related ground beetles (Coleoptera: Carabidae: Trechinae: Bembidiini: Bembidiina). **Molecular Phylogenetics and Evolution**, **63**: 533-576. <http://dx.doi.org/10.1016/j.ympev.2012.01.015>
- Maddison, D.R., Guralnick, R., Hill, A., Reysenbach, A-L, and L.A. McDade. 2012. Ramping up biodiversity discovery via online quantum contributions. **Trends in Ecology and Evolution**, 27(2): 72-77. . <http://dx.doi.org/10.1016/j.tree.2011.10.010>
- Hildebrandt, D.A., and Maddison, D.R. 2011. A new species of *Bembidion* Latreille 1802 from the Ozarks, with a review of the North American species of subgenus *Trichoplataphus* Netolitzky 1914 (Coleoptera, Carabidae, Bembidiini). **ZooKeys** 147:261-275. <http://dx.doi.org/10.3897/zookeys.147.1872>
- Maddison, D.R., and Ober, K.A. 2011. Phylogeny of minute carabid beetles and their relatives based upon DNA sequence data (Coleoptera, Carabidae, Trechitae). **ZooKeys** 147:229-260. <http://dx.doi.org/10.3897/zookeys.147.1871>
- McDade, L.A., Maddison, D.R., Guralnick, R., Piwowar, H., Jameson, M.L., Helgen, K.M., Herendeen, P.S., Hill, A., and Vis. M.L. 2011. Biology Needs a Modern Assessment System for Professional Productivity. **BioScience**, 61: 619-625 <http://dx.doi.org/10.1525/bio.2011.61.8.8>
- Maier, C.A., Ivie, M.A., Johnson, J.B., and D.R. Maddison. 2010. A new northern-most record for the family Hydroscaphidae (Coleoptera: Myxophaga), with description of a new Nearctic species. **The Coleopterists Bulletin**, 64:289-302
- Erwin, T.L., Toledano, L., and Maddison, D.R. 2010. New enigmatic hygrophilous species of ground beetles from stream sides and wet seeps in the Andes of South America (Carabidae: Trechitae: *Andinodontis* gen. n.). **Entomologische Blätter**, 106:73-88.
- Maddison, D.R., and Swanson, A.P. 2010. A preliminary characterization of *Bembidion perspicuum* LeConte, with a reclassification of related species (Coleoptera, Carabidae) north of México. **ZooKeys**, 43:15-31. <http://dx.doi.org/10.3897/zookeys.43.390>
- Attygalle A.B., Wu X., Maddison D.R., Will K.W. 2009. Orange/lemon-scented beetles: opposite enantiomers of limonene as major constituents in the defensive secretion of related carabids. **Naturwissenschaften**, 96: 1443-1449.
- Maddison, D.R., and Arnold, A.E. 2009. A review of the *Bembidion* (*Odontium*) *aenulum* subgroup (Coleoptera: Carabidae), with description of a new species. **Zootaxa**, 2214:45-61.
- U'Ren, J.M., J.W. Dalling, R.E. Gallery, D.R. Maddison, E.C. Davis, C.M. Gibson, and A.E. Arnold. 2009. Diversity and evolutionary origins of fungi associated with seeds of a

- neotropical pioneer tree: a case study for analyzing fungal environmental samples. **Mycological Research** 113: 432-449.
- Maddison, D. R., Moore, W., Baker, M. D., Ellis, T.M., Ober, K.A., Cannone, J.J., and Gutell, R.R. 2009. Monophyly of terrestrial aedeophagous beetles as indicated by three nuclear genes (Coleoptera: Carabidae and Trachypachidae). **Zoologica Scripta**, 38(1):43-62.
- Ober KA, Maddison DR. 2008. Phylogenetic relationships of tribes within Harpalinae (Coleoptera: Carabidae) as inferred from 28S ribosomal DNA and the wingless gene. pp. 1-32 of **Insect Science** 8:63, available online: <http://insectscience.org/8.63>
- Wild, A. and D.R. Maddison. 2008. Evaluating nuclear protein-coding genes for phylogenetic utility in beetles. **Molecular Phylogenetics and Evolution** 48:877-891.
- Maddison, D. R. 2008. Systematics of the North American beetle subgenus *Pseudoperiphys* (Coleoptera: Carabidae: *Bembidion*) based upon morphological, chromosomal, and molecular data. **Annals of Carnegie Museum** 77(1):147-193. <http://dx.doi.org/10.2992/0097-4463-77.1.147>
- Maddison, D. R., K.-S. Schulz, and W. P. Maddison. 2007. The Tree of Life Web Project. **Zootaxa** 1668:19-40.
- Will, K.W., J.K. Liebherr, D.R. Maddison, J. Galián. 2005. Absence asymmetry: the evolution of monorchid beetles (Insecta: Coleoptera: Carabidae). **Journal of Morphology**, 264: 75-93.
- Grebennikov, V.V., and D.R. Maddison. 2004. Phylogenetic analysis of Trechitae (Coleoptera: Carabidae) based on larval morphology, with description of first-instar *Phrypeus* larvae and a key to genera. **Systematic Entomology**, 30:38-59.
- Attygalle, A.B., W. Wu, J. Ruzicka, S. Rao, S. Garvia, K. Herath, J. Meinwald, D.R. Maddison, K.W. Will. 2004. Defensive chemicals of two species of *Trachypachus* Motschulski (Coleoptera: Trachypachidae), **Journal of Chemical Ecology**, 30(3):577-588.
- Shull, V., A.P. Vogler, M.D. Baker, D.R. Maddison, and P.M. Hammond. 2001. Sequence alignment of 18S ribosomal RNA and the basal relationships of aedeophagous beetles: Evidence for monophyly of aquatic families and the placement of Trachypachidae. **Systematic Biology**, 50:945-969.
- Grebennikov, V.V., and D.R. Maddison. 2000. Larvae of Bembidiini (Coleoptera: Carabidae): subtribes Tachyina and Xystosomina. **European Journal of Entomology**, 97:223-240.
- Maddison, D.R., M.D. Baker, and K.A. Ober. 1999. Phylogeny of carabid beetles as inferred from 18S ribosomal DNA (Coleoptera: Carabidae). **Systematic Entomology**, 24:103-138.
- Maddison, D.R., M.D. Baker, and K.A. Ober. 1999. A preliminary phylogenetic analysis of 18S ribosomal DNA of carabid beetles (Insecta: Coleoptera), pp. 229-250. In, Phylogeny and classification of Caraboidea (Coleoptera: Aedeophaga) (G. E. Ball, A. Casale, and A. Vigna-Taglianti, Eds.). **Museo Regionale di Scienze Naturali, Atti**. Torino, Italy. 517 pp.
- Beutel, R.G., D.R. Maddison, and A. Haas. 1999. Phylogenetic analysis of Myxophaga (Coleoptera) using larval characters. **Systematic Entomology**, 24:171-192.

- Hagedorn, H.H., D.R. Maddison, and Z. Tu. 1998. The evolution of vitellogenins, cyclorrhaphan yolk proteins and related molecules. **Advances in Insect Physiology**, 27:335-384.
- Maddison, D.R., D.L. Swofford, and W.P. Maddison. 1997. NEXUS: an extendible file format for systematic information. **Systematic Biology**, 46:590-621.
- Snyder, M.J. and D.R. Maddison. 1997. Molecular phylogeny of glutathione S-transferases. **DNA and Cell Biology**, 16(11):1373-1384.
- Maddison, D.R. 1994. Phylogenetic methods for inferring the evolutionary history and processes of change in discretely valued characters. **Annual Review of Entomology**, 39:267-292.
- Maddison, D.R. 1993. Systematics of the Holarctic beetle subgenus *Bracteon* and related *Bembidion* (Coleoptera: Carabidae). **Bulletin of the Museum of Comparative Zoology**, 153(3): 143-299.
- Maddison, D.R., M. Ruvolo, and D.L. Swofford. 1992. Geographic origins of human mitochondrial DNA: phylogenetic evidence from control region sequences. **Systematic Biology**, 41:111-124.
- Maddison, D.R. 1991. The discovery and importance of multiple islands of most parsimonious trees. **Systematic Zoology**, 40:315-328.
- Maddison, D.R. 1991. African origin of mitochondrial DNA re-examined. **Systematic Zoology**, 40:355-363.
- Maddison, W.P., and D.R. Maddison. 1989. Interactive analysis of phylogeny and character evolution using the computer program MacClade. **Folia Primatologica**. 53:190-202.
- Ball, G.E., and D.R. Maddison. 1987. Classification and evolutionary aspects of the species of the New World genus *Amblygnathus* Dejean, with description of *Platymetopsis*, new genus, and notes about selected species of *Selenophorus* Dejean (Coleoptera: Carabidae: Harpalini). **Transactions of the American Entomological Society**. 113:189-307.
- Spence, J.R., and D.R. Maddison. 1986. Chromosomes of two hybridizing species of *Limnopor* (Heteroptera: Gerridae). **Proceedings of the Entomological Society of Washington**. 88:502-508.
- Maddison, D.R. 1985. The discovery of *Gehringia olympica* Darlington (Coleoptera: Carabidae). In G.E. Ball (ed.), *Taxonomy, Phylogeny, and Zoogeography of Beetles and Ants. A volume dedicated to the memory of Philip Jackson Darlington, Jr. (1904-1983)*. Dr. W. Junk Publishers, The Hague. pp. 35-37.
- Maddison, D.R. 1985. Chromosomal diversity and evolution in the ground beetle genus *Bembidion* and related taxa (Coleoptera: Carabidae: Trechitae). **Genetica**, 66:93-114.
- Maddison, W.P., M.J. Donoghue, and D.R. Maddison. 1984. Outgroup analysis and parsimony. **Systematic Zoology**. 33:83-103.

## Software

Amenta N, St. John K, Klingner J, Maddison WP, Maddison DR, Clarke F, Edwards D, Guzman D, Mahindru R, Ivanov P, Prabhun U, Postarnakevich N, Heath T, & Hillis D.

2012. Tree Set Visualization: a package for Mesquite. Version 3.0.  
<http://mesquiteproject.org/packages/tsv>
- Maddison, D.R., and W.P. Maddison. 2011. Chromaseq, a Mesquite package for analyzing sequence chromatograms. Version 1.0.  
<http://mesquiteproject.org/packages/chromaseq>
- Maddison, W.P., and D.R. Maddison. 2011. **Mesquite. A modular system for evolutionary analysis.** Version 2.75. <http://mesquiteproject.org>.
- Wheeler, T.J., and D.R. Maddison. 2010. NINJA. A package of modules for creating neighbor-joining trees in Mesquite. Version 1.0 <http://mesquiteproject.org/packages/NINJA/>.
- Wheeler, T.J., and D.R. Maddison. 2009. Opalescent: Mesquite package providing access to Opal within Mesquite. Version 1.0 <http://mesquiteproject.org/packages/opal/>
- Maddison, D.R., and W.P. Maddison. 2008. Cartographer, a Mesquite package for plotting geographic data. Version 1.3. <http://mesquiteproject.org/packages/cartographer>
- Maddison, D.R., T.J. Wheeler, and W.P. Maddison. 2008. Align: a Mesquite package for aligning sequence data. Version 1.5. <http://mesquiteproject.org>
- Maddison, D.R., and W.P. Maddison. 2005. **MacClade 4: Analysis of Phylogeny and Character Evolution.** Sinauer Associates, Sunderland, Massachusetts. Version 4.08. 501 pp book (as PDF file) + computer program.
- Etter, R., and Maddison, D.R. 1989. PopDyn: a graphic program illustrating basic principles of ecological models of population growth, predator-prey interactions, and competition, showing chaotic and non-chaotic behavior. Distributed by R. Etter, University of Massachusetts.

### Internet Projects

- Maddison, D.R. (founder, coordinator, editor, conceptual designer). The Tree of Life Web Project. A collaborative Internet project containing information about phylogeny and biodiversity. <http://tolweb.org>.

### Reviews and Book Chapters

- Maddison, D.R., W.P. Maddison, J. Frumkin, and K-S Schulz. 2002. The Tree of Life Project: A multi-authored, distributed Internet project containing information about phylogeny and biodiversity. Pp. 5-14 in Towards a global biological information infrastructure: Challenges, opportunities, synergies, and the role of entomology, H. Saarenmaa and E.S. Nielsen (eds.), European Environment Agency.

### Published poetry

- Maddison, D.R. 2013. The Tree of Life. **Systematic Biology**, 62: 179.  
<http://dx.doi.org/10.1093/sysbio/sys057>

### Scientific Illustrations

Illustrations featured as the frontispiece to five volumes, the latest being *Annals of Carnegie Museum* 77(1), 2008

Exhibit of scientific illustrations at California Academy of Sciences,  
February 1988 - January 1989

Exhibit of scientific illustrations at Museum of Comparative Zoology,  
Harvard University, September 1987 - January 1988

### Invited Talks (last 10 years)

- Maddison, D.R. 2014. Molecular and morphological surprises: Unexpected clades and hidden species in the ground beetle genus *Bembidion*. University of California at Riverside.
- Maddison, D.R. 2013. Molecular and morphological surprises: Unexpected clades and hidden species in the ground beetle genus *Bembidion*. University of British Columbia, Vancouver.
- Maddison, D.R. 2012. Molecular and morphological surprises: Unexpected clades and hidden species in the ground beetle genus *Bembidion*. University of Georgia, Athens.
- Maddison, D.R. 2011. Molecular and morphological surprises: Unexpected clades and hidden species in the ground beetle genus *Bembidion*. Keynote talk for the Coleopterists Society meeting, Reno, Nevada.
- Maddison, D.R. 2011. Molecular and morphological surprises: Unexpected clades and hidden species in the ground beetle genus *Bembidion*. Lewis and Clark College, Portland.
- Maddison, D.R. 2010. Molecular and morphological surprises: Unexpected clades and grades in the phylogeny of *Bembidion*. University of Vermont, Burlington.
- Maddison, D.R. 2009. Gene trees, chromosomes, morphology, and the phylogenetics of beetle species. University of Kansas, Lawrence.
- Maddison, D.R. 2009. Gene trees, chromosomes, morphology, and the phylogenetics of beetle species. Yale University, New Haven.
- Maddison, D.R. 2008. Gene trees, chromosomes, morphology, and the phylogenetics of beetle species. University of Washington, Seattle.
- Maddison, D.R. 2008. An introduction to Mesquite, a modular system for evolutionary analysis, with a focus on upcoming features. University of Washington, Seattle.
- Maddison, D.R. 2007. Too many beetles, too little time: Morphology, chromosomes, gene trees, and the phylogenetics of beetle species. CONACIT, Mendoza, Argentina.
- Maddison, D.R., and W.P. Maddison 2007. Mesquite. CONACIT, Mendoza, Argentina.
- Maddison, D.R., and K.-S. Schulz, 2007. The Tree of Life Web Project: A Digital Library of Biodiversity Information CONACIT, Mendoza, Argentina.
- Maddison, D.R. 2007. Assembling the Beetle Tree of Life. Maddison, D.R. 2007 Assembling the Beetle Tree of Life. pPOD community meeting, NESCent, Durham, NC.
- Maddison, D.R. 2006. Too many beetles, too little time: Morphology, chromosomes, gene trees, and the phylogenetics of beetle species. Bay Area BioSystematists Seminar Series, University of California at Davis
- Maddison, D.R. 2006. Mesquite: Overview, History, and Architecture. University of California at Berkeley.
- Maddison, D.R. 2006. Mesquite\*: roots, branches, and ramifications. Department of Entomology Seminar Series, University of Arizona.

- Maddison, D.R. 2006. Beautiful, Bountiful *Bembidion*: Phylogenies and species boundaries based upon molecular, morphological, and chromosomal data. International Meeting of Carabidologists, Carnegie Museum, Pittsburgh.
- Maddison, D.R. 2006. Assembling the Beetle Tree of Life. Maddison, D.R., Farrell, B.D., Whiting, M.W. 2006 Assembling the Beetle Tree of Life. Presented at NSF ATOL meetings, Duke University.
- Maddison, D.R. 2005. The Tree of Life Web Project. DeepFin collaborative group, St Louis, MO.
- Maddison, D.R. 2005. The Tree of Life Web Project. CIPRes Outreach working group. New Haven, CT.
- Maddison, D.R. 2005. How to add your branches and leaves to the Tree of Life Web Project. University of Texas at Austin.
- Maddison, D.R. 2005. Discovering the leaves of Darwin's Tree: morphology, chromosomes, gene trees and the phylogenetics of beetle species. Section of Integrative Biology Distinguished Speaker Lecture, University of Texas at Austin.
- Maddison, D.R. 2005. Getting Mesquite to do the things you want it to do by building your own modules. University of Texas at Austin.
- Maddison, D.R. 2004. Discovering the leaves of Darwin's Tree: morphology, chromosomes, gene trees, and the phylogenetics of beetle species. University of Arizona.
- Maddison, D.R. 2004. Discovering the leaves of Darwin's Tree: morphology, chromosomes, gene trees, and the phylogenetics of beetle species. North Carolina State University.

### **Invited Courses and Instructional Workshops**

Summer 2007, Summer 2008: Instructor, Computational Phyloinformatics Course, NESCent, Durham, NC

May 2008: Mesquite. A two-day workshop at the University of Connecticut. Participants: 17.  
Instructor: David Maddison.

May 2008: Mesquite. A two-day workshop at the Canadian Society for Ecology and Evolution.  
Participants: 22. Instructors: Wayne Maddison and David Maddison.

### **Research Grants**

*(Dollar amounts shown indicate only the amount coming to my lab.*

*NSF DDIGs of graduate students not included, of which there have been four.)*

*ARTS: Increasing the pace of biodiversity discovery: development and use of molecular, morphological and bioinformatics tools to revise the Bembidiina beetles of North America.* National Science Foundation. 1 March 2013 – 29 February 2016. \$449,887. P.I.

*Tree of Life/Encyclopedia of Life Collaboration.* Smithsonian Institution. 1 March 2008 - 31 May 2009. \$99,846. P.I.

*AToL: Collaborative Research: Assembling the Beetle Tree of Life.* National Science Foundation Assembling the Tree of Life program. 1 October 2005 - 30 September 2009, \$677,002. Co-P.I. (Co-P.I.'s Brian Farrell, Mike Whiting.)

*ITR Collaborative Research: Building the Tree of Life -- A National Resource for Phyloinformatics and Computational Phylogenetics.* National Science Foundation. 1 January 2007 - 30 October 2007. \$96,338. This is a multi-institution grant, for which I am a subcontractor.

*The Tree of Life Project: A Digital Library of Biodiversity Information.* National Science Foundation. 1 January 2004 - 31 December 2005. \$615,996 P.I. (Co-P.I.'s: Jennifer Franklin, Katja-Sabine Schulz, Jeremy Frumkin).

*The Tree of Life Project: creating an open phylogenetic database of biodiversity information.* National Science Foundation. 1 July 2000 - 30 June 2003, \$557,773. P.I. (Co-P.I. is Jeremy Frumkin, Library).

*Inferred phylogeny of carabid tribes with focal studies on taxa of Harpalinae: synthesis of morphological and molecular data, and a new classification.* National Science Foundation. 1 January 2000 - 31 December 2002. \$227,602. P.I.

*Molecular phylogenetics of the major lineages of Adephagan beetles (Insecta: Coleoptera), with an emphasis on carabid diversification.* National Science Foundation, \$184,989, 1 July 1995- 30 June 1998. P.I.

*Molecular Phylogeny of the beetle suborder Adephaga.* University of Arizona Small Grants Program, \$4,650. 1994. P.I.

## Teaching and Training

### Student mentorship

#### *Ph.D. student advisees*

##### Current

Kojun Kanda (2007-)	[tenebrionid beetle systematics]
John S. Sproul (2012-)	[carabid beetle systematics]
James M. Pflug (2012-)	[carabid beetle systematics]

##### Graduated

Kevin Moulton (1993-1997)	<i>Molecular systematics of the Simuliidae (Diptera: Culicomorpha)</i>
Katja Schulz (1996-1999)	<i>The Evolution of Mating Systems in Black Scavenger Flies (Diptera: Sepsidae)</i>
Karen Ober (1995-2001)	<i>The Evolution of Arboreal Carabid Beetles</i>
Wendy Moore (1998-2006)	<i>Molecular Phylogenetics, Systematics, and Natural History of the Flanged Bombardier Beetles (Coleoptera: Carabidae: Paussinae)</i>
Jeffrey Oliver (2002-2007)	<i>Population, Phylogenetic, and Coalescent Analyses of Character Evolution in Gossamer-Winged Butterflies (Lepidoptera: Lycaenidae)</i>
Chris Schmidt (2002-2009)	<i>Reconstructing the Evolution of Ponerine Ants (Ponerinae): Phylogenetics and Taxonomy of a Diverse Tropical Ant Subfamily</i>

#### *Master's student advisees*

##### Graduated



- Kelly Farrell (2009-2011) *Vertebrates, Arthropods, and Invasive Plants: An Investigation of the Top-Down and Bottom-Up Interactions of Multiple Herbivore Guilds in a Grassland System*
- W.E. Hall (1995-1998) *Review of North American Featherwing Beetles (Coleoptera: Ptiliidae) and Revision of the Tribe Nanosellini*
- Alex Swanson (2005-2008) *A Systematic Review of the Cactophilic Carcinops Marseul (Coleoptera: Histeridae) of the Sonoran Desert Region*

*Post-doctoral fellows*

- Anne Gerber (1994-1996)  
Mike Baker (1996-1997)  
Kipling Will (2000-2001)  
Alexander Wild (2006-2010)  
Paul Marek (2008)  
Jeffrey Oliver (2013-)

*Undergraduate students in lab*

- Tana Ellis (U of Arizona)  
Austin Baker (OSU)  
Teague Green (OSU)  
Kaitlyn Traynor (OSU)  
Joseph Dubie (OSU)  
Tiffany Soto (OSU)

*Service on dissertation committees, other than as advisor (Ph.D.)*

University of Arizona

- Brent Burt (Ecology and Evolutionary Biology)  
Mary-Jane Epps (Plant Pathology)  
Cara Gibson (Entomology)  
Edward Gilbert (Ecology and Evolutionary Biology)  
David Hearn (Ecology and Evolutionary Biology)  
Jon Hoekstra (Entomology)  
Jun Isoe (Insect Science)  
Jennifer Nass (Insect Science)  
Patrick O'Grady (Genetics)  
Kerry Oliver (Entomology)  
Mariana Del Olmo-Ruiz PhD (Plant Pathology)  
Lisa Park (Geosciences)  
Lucia Rapp Py-Daniel (Ecology and Evolutionary Biology)  
Bob Reed (Molecular and Cellular Biology)  
Laura Reed (Ecology and Evolutionary Biology)  
Michael Singer (Insect Science)  
Dena Smith (Geosciences)  
John Stireman (Ecology and Evolutionary Biology)  
Travis Wheeler (Computer Science)

Oregon State University

- Emily Hartfield (Zoology)  
Alija Bajro Mujic (Botany and Plant Pathology)  
Michael Burns (Fish and Wildlife)

*Service on thesis committees, other than as advisor (Masters)*

## University of Arizona

Harold Greeney (Entomology)  
 Dawn Higginson (Entomology)  
 Sarah Kenyon (Entomology)  
 Cliff Martin (Entomology)  
 Michele McMahon (Ecology and Evolutionary Biology)  
 Devika Unnithan (Entomology)  
 Derek Wildman (Anthropology)

## Oregon State University

Melissa Broussard (Entomology)  
 Phil Schapker (Environmental Sciences)  
 Ben Frable (Fish and Wildlife)

**Intramural Service***Departmental (OSU)*

2011-present      Space Committee (Chair)  
 2012-2013      Strategic Planning Committee  
 2012-2013      Executive Committee  
 2011      Ad Hoc committee on voting rights (Chair)  
 2009-2011      Personnel Committee

*College and University Committees (OSU)*

2012-present      Facilities and Planning Committee  
 2010-present      Collections Committee  
 2011      Ad Hoc Zoology Chair committee  
 2010      Arts & Sciences Divisional Committee on Provost Initiative Positions  
 2010      Arts & Sciences Divisional Committee

*Departmental (U of Arizona)*

1993-2003, 2004-2009      Space Committee (Chair for 14 years)  
 1992-2009      Computer committee (Chair)  
 1999-2002      Web committee (Chair)  
 1994-2009      Desert Station Research committee  
 1998-2002      Supervisor, Office Automation Specialist  
 1995-1999      Curriculum committee  
 1994-1995      Head's Advisory Committee

*College and University Committees (U of Arizona)*

2006-2008      College of Agriculture and Life Sciences Promotion and Tenure  
 Committee (Chair for 2008)  
 2008      Steering committee of the IGERT in Genomics

- 2001, 2007 College of Agriculture ad hoc Committee to review the Head of the Entomology Department
- 1994-1996 Research Training Grant in Biological Diversification Executive Council

### Extramural Service

- 2013 NSF Systematic Biology Panel
- 2013 Juror for ECLOSION Art Related to Insects exhibit, Austin, TX
- 2011 Mentor for NSF Ideas Lab and AVAToL program
- 2010-present Board of Directors of Phyloinformatics Research Foundation
- 2009 Invited participant in an NSF workshop on Future Directions in Systematics
- 2008 NSF Systematic Biology Panel
- 2007 Invited participant at Encyclopedia of Life tree visualization meeting at Adobe Systems in San Francisco.
- 2001 Project advisor to WGBH for the *Evolution* Initiatives.
- 2001 Co-organized an NSF workshop at their request to explore the value and means of creating a National Evolutionary Synthesis Center.
- 2000 Genome Canada peer-review panel for determining large-scale regional projects in Atlantic Canada.
- 2000 Taught a three-day phylogenetics workshop at University of Nebraska.
- 2000 Invited participant in two NSF workshops to formulate their Assembling the Tree of Life initiative; the goal of the workshops was to advise NSF on this enterprise.
- 2000-Present Advisory Board, Journal of Insect Science
- 1999-2000 President, Society of Systematic Biologists
- 1997, 1999 Appeared as guest entomologist in three episodes of the TV show Acorn the Nature Nut.
- 1990-1999 Invited lecturer/workshop leader on phylogenetic analysis and the computer program MacClade for Sogin et al.'s course "Molecular Evolution", Woods Hole Marine Biological Laboratory

### Reviews solicited by:

American Anthropologist, The Canadian Entomologist, Carnegie Museum, Cladistics, The Coleopterists Bulletin, Entomological Society of America, Evolution, Journal of Insect Science, Molecular Biology and Evolution, Nature, Proceedings of the National Academy of Sciences, Quarterly Review of Biology, Science, Systematic Biology, and the National Science Foundation.