

Curriculum Vitae, January 2010

Terrence P. McGlynn

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College of Natural and Behavioral Sciences
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Academic appointments

Assistant Professor of Biology, California State University Dominguez Hills	2007-current
Research Associate, Occidental College	2007-current
Research Associate, San Diego Natural History Museum	2005-2008
Assistant Professor of Biology, University of San Diego	2000-2007
Visiting Assistant Professor of Biology, Gettysburg College	1999-2000
Postdoctoral Fellow, University of Houston	1999
Instructor, University of California Education Abroad Program	1998

Education

Ph.D., 1999 Environmental, Population and Organismic Biology, University of Colorado
Dissertation: "The biogeography, behavior, and ecology of exotic ants"
Major advisor: Michael D. Breed

A.B., 1993 Biology, Occidental College, Los Angeles

Peer-Reviewed Publications

Foucaud, J., J. Orivel, A. Loiseau, J. H. C. Delabie, H. Jourdan, D. Konghouleux, M. Vonshak, M. Tindo, J.-L. Mercier, D. Fresneau, J.-B. Mikissa, T.P. McGlynn, A. S. Mikheyev, J. Oettler and A. Estoup. 2010. Worldwide invasion by the little fire ant: routes of introduction and eco-evolutionary pathways. *Evolutionary Applications*, in press.

McGlynn, T.P. 2010. Polygyny in thief ants responds to competition and nest limitation but not food resources. *Insectes Sociaux* 57: 23-28.

McGlynn, T.P., H.K. Choi, S.T. Mattingly, A. Upshaw, E.K. Poirson and J. Betzelberger. 2009. Spurious and functional correlates of the isotopic composition of a generalist across a tropical rainforest landscape. *BMC Ecology* 9:23.

McGlynn, T.P., R.M. Fawcett, and D.A. Clark. 2009. Litter biomass and nutrient determinants of ant nest density, size, and growth in a tropical wet forest. *Biotropica* 41: 234-240.

Suarez, A.V., T.P. McGlynn, N.D. Tsutsui. 2009. Biogeographic patterns of invasive ant species. in: *Ant Ecology*, L. Lach, K. Abbott, and K. Parr, eds, Oxford University Press.

Dunn, R.R., D. Agosti, A.N. Andersen, C.A. Bruhl, X. Cerda, A.M. Ellison, B.L. Fisher, M.C. Fitzpatrick, H. Gibb, N.J. Gotelli, A.D. Gove, B. Guenard, M. Janda, M.E. Kaspari, E.J. Laurent, J.-P. Lessard, J.T. Longino, J.D. Majer, S.B. Menke, T.P. McGlynn, C.L. Parr, S.M. Philpott, M. Pfeiffer, J. Retana, A.V. Suarez, H.L. Vasconcelos, M.D. Weiser, and N.J. Sanders. 2009. Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. *Ecology Letters* 12: 324-333.

McGlynn, T.P. 2008. Natural history education for students heading into the century of biology. *American Biology Teacher* 70: 109-111.

McGlynn, T.P. 2007. Serial monodomy in ants: an antipredator strategy? *Ecological Entomology* 32: 621-626.

McGlynn, T.P., D.J. Salinas, R.R. Dunn, T.E. Wood, D. Lawrence and D.A. Clark. 2007. Phosphorus limits tropical rain forest litter fauna. *Biotropica* 39: 50-53.

Dunn, R.R., N.J. Sanders, M.C. Fitzpatrick, E. Laurent, J.-P. Lessard, D. Agosti, A.N. Andersen, C. Bruhl, X. Cerdá, A. Ellison, B. Fisher, H. Gibb, N. Gotelli, A. Gove, B. Guenard, M. Janda, M. Kaspari, J.T. Longino, J. Majer, T.P. McGlynn, S. Menke, C. Parr, S. Philpott, M. Pfeiffer, M. Retana, A. Suarez, and H. Vasconcelos. 2007. Global ant biodiversity and biogeography – A new database and its possibilities. *Myrmecological News* 10: 77-83.

McGlynn, T.P. 2006. Ants on the move: Resource limitation of a litter-nesting ant community in Costa Rica. *Biotropica* 38: 419-427.

McGlynn, T.P., R. Carr, J. Carson, and J. Buma. 2004. Frequent nest relocation in the ant *Aphaenogaster araneoides*: resources, competition, and natural enemies. *Oikos* 106: 611-621.

Roberts, D., and T.P. McGlynn. 2004. *Tetramorium insolens* Smith (Hymenoptera: Formicidae): a new record for Mauritius, Indian Ocean. *African Entomology* 12: 265-267.

McGlynn, T.P., M.D. Shotell, and M.S. Kelly. 2003. Responding to a variable environment: home range, foraging behavior, and nest relocation in the Costa Rican rainforest ant *Aphaenogaster araneoides*. *Journal of Insect Behavior* 16: 687-701.

McGlynn, T.P., and J.P. Owen. 2002. Food supplementation alters caste allocation in a natural population of *Pheidole flavens*, a dimorphic leaf-litter dwelling ant. *Insectes Sociaux* 49: 8-14.

McGlynn, T.P., J.R. Hoover, G.S. Jasper, M.S. Kelly, A.M. Polis, C.M. Spangler, and B.J. Watson. 2002. Environmental heterogeneity affects demography of the Central American ant *Aphaenogaster araneoides*. *Journal of Tropical Ecology* 18: 231-244.

McGlynn, T.P. 2000. Do Lanchester's laws of combat describe competition among ants? *Behavioral Ecology* 11: 686-690.

McGlynn, T.P., and S.E. Kirksey. 2000. The effect of food presentation and microhabitat upon resource monopoly in a ground-foraging ant (Hymenoptera: Formicidae) community. *Revista de Biologia Tropical* 48: 629-642.

Schultz, T.R., and T.P. McGlynn. 2000. The Interaction of Ants with Other Organisms. Pp. 35-44, in: Agosti, D., Majer, J., Alonso, E. and Schultz, T., (eds.). *Ants: Standard Methods for Measuring and Monitoring Biodiversity*. Biological Diversity Handbook Series. Smithsonian Institution Press. Washington D.C.

McGlynn, T.P. 1999. Non-native ants are smaller than related native ants. *American Naturalist* 154: 690-699.

McGlynn, T.P. 1999. The worldwide transport of ants: geographic distribution and ecological invasions. *Journal of Biogeography* 26: 535-548.

Breed, M.D., T.P. McGlynn, E. Stocker, and A.N. Klein. 1999. Thief workers and variation in nestmate recognition behavior in a ponerine ant, *Ectatomma ruidum*. *Insectes Sociaux* 46:327-333.

McGlynn, T.P. 1999. Other ant invaders. *Trends in Ecology and Evolution* 14: 489.

Breed, M.D., T.P. McGlynn, M.D. Sanctuary, E. Stocker, and R. Cruz. 1999. Distribution and abundance of several Meliponine species in a Costa Rican tropical wet forest. *Journal of Tropical Ecology* 15: 765-777.

McGlynn, T.P., and C.D. Kelley. 1999. Distribution of a Costa Rican lowland wet forest velvet worm (Onychophora: Peripatidae). *Annals of the Entomological Society of America* 92: 53-55.

Manuscripts in review or revision

McGlynn, T.P. Serial monodomy in the gypsy ant *Aphaenogaster araneoides*: does nest odor reduction influence colony relocation? *Journal of Insect Science*, in revision.

Weiser, M.D., N.J. Sanders, D. Agosti, A.N. Andersen, X. Arnan, C.A. Bruhl, X. Cerda, A.M. Ellison, B.L. Fisher, M.C. Fitzpatrick, H. Gibb, N.J. Gotelli, A.D. Gove, B. Guenard, M. Janda, M. Kaspari, E.J. Laurent, J-P. Lessard, J.T. Longino, J.D. Majer, S.M. Menke, T.P. McGlynn, C.L. Parr, S.M. Philpott, M. Pfeiffer, J. Retana, A. Suarez, H. Vasconcelos, S.P. Yanoviak, R.R. Dunn. 2009. A global model of canopy ant diversity: do mechanisms on the ground drive patterns in the trees? *Biology Letters*, in revision.

McGlynn, T.P., M.D. Weiser and R.R. Dunn. More individuals but fewer species— Tests of the More Individuals Hypothesis from experiments on a diverse tropical fauna. *Biology Letters*, in revision.

Wood, W.F., Hoang, T. and T.P. McGlynn. The mandibular gland volatiles from the arboreal Costa Rican ants, *Cephalotes alfaroi* and *Cephalotes cristatus*. *Biochemical Systematics and Ecology*, in review.

Extramural Grants and Awards

PI, June 2009- May 2012, "International Research Experiences for Students: Tropical Ecology Mentorship Program of Southern California," National Science Foundation, OISE -0854259, \$150,677.

PI, 2008, "Tropical field ecology research experiences for two K-12 teachers in the Los Angeles Area" Supplement to OISE-0749047, \$19,800

PI, 2005-2009, "International Research Experiences for Students: Tropical Ecology Mentorship Program of Southern California," National Science Foundation Grant No. OISE-0526551, \$49,354; OISE-0749047, \$34,138. (transfer of award 0526551)

Co-PI, 2005-2009 "Complex interactions among water, nutrients and carbon stocks and fluxes across a natural fertility gradient in tropical rain forest," National Science Foundation Grant No. EAR-0421178, \$101,979 to TPM

PI, 2007-2009, "Edaphic and climatic determinants of ant biodiversity across western Australia" National Geographic Society, \$18,532.

PI, 2004-2005, "Planning Visit to Australia: Collaborative study of detritus-based food webs." National Science Foundation Grant No. OISE-0427481 \$4,101.

Co-PI, 2002-2004, AAAS/Merck collaborative biology and chemistry undergraduate research program, \$10,000

Environmental Institute of Houston, Postdoctoral Fellowship, 1999-2000, \$28,000

Donald and Beverly Stone Graduate Fellowship, 1997, \$2,000

Smithsonian Institution Short Term Visit Award, 1996, \$450

National Science Foundation Summer Institute in Japan, 1996, \$8,000

Andrew Mellon Foundation Research Exploration Award, 1996, \$2,000

Organization for Tropical Studies Research Grant, 1995, \$270

Honors and awards

2009, President-elect, International Union for the Study of Social Insects, North American Section

1999, George C. Eickwort Student Research Award, International Union for the Study of Social Insects, North American Section

Invited Workshops

2007, QEM (Quality Education for Minorities) BIO Workshop in NSF Proposal Development, Washington DC.

2007, NCEAS (National Center for Ecological Analysis and Synthesis) working group, invited participant, "Spatial Aspects of Stoichiometry," Santa Barbara, CA

2000 – 2005, IUCN (World Conservation Union) Species Survival Commission, Social Insect Specialist Group

1996, Ants of the Leaf Litter Workshop, invited participant, Ilheus, Brazil

Intramural Grants and Awards

CSUDH Proposal Development Grant, Fall 2009, \$5000

CSUDH RSCAAP Grant, May – August 2008, \$4200

CSUDH RSCAAP Grant, Jan – May 2008, \$5000

University of San Diego College of Arts and Sciences Faculty Research Grant, 2006-2007, \$3,500

University of San Diego College of Arts and Sciences Faculty Research Grant, 2005-2006, \$2,420

University of San Diego College of Arts and Sciences Faculty Research Grant, 2004-2005, \$1,800

University of San Diego College of Arts and Sciences Faculty Research Grant, 2003-2004, \$2,395

University of San Diego College of Arts and Sciences Faculty Research Grant, 2002-2003, \$2,395

University of San Diego College of Arts and Sciences Faculty Research Grant, 2001-2002, \$1,500

Gettysburg College Research and Professional Development Grant, 1999-2000, \$2,500

University of Colorado Graduate School University Fellowship, 1998, \$7,000

University of Colorado Graduate School Research Assistance Grant, 1997, \$200

University of Colorado Museum Walker Van Riper Fellowship, 1996, \$1,200

University of Colorado Dean's Small Grant, 1996, \$450

University of Colorado Tropical Biology course scholarship, 1995, \$2,200

Externally funded curricular development

2010-current, Urban

2008-2010, "General Biology Laboratory Manual," a suite of discovery-oriented general biology Laboratories for CSUDH, currently serving ca. 500 students annually; funded by Quality Educator Development grant to CSUDH.

Teaching experiences

California State University, Dominguez Hills

Biostatistics (once annually, 2007-2009)

General Biology, Laboratory (1-2 sections annually, 2007-2010)

Principles of Biology II, Laboratory (typically four sections per year, 2007-2010)

University of San Diego

Behavioral Ecology, Lecture and Laboratory (annually, 2000-2005)

Biology of Organisms, Lecture and Laboratory (every semester, 2000-2006)

Ecology, Laboratory (2001)

Insect Biology, Lecture and Laboratory (annually, 2001-2006)

Survey of Biology, Lecture (non-majors) (2006)

Organization for Tropical Studies

Tropical Biology: An Ecological Approach, Faculty resource person (1997 – current, 3 times)

Gettysburg College (1999-2000)

Introduction to Ecology and Evolution
Evolution, Lecture and Laboratory
The Evolution of Life (non-majors)
Environmental Issues (non-majors)

University of California Education Abroad Program in Costa Rica
Population, Community, and Conservation Ecology (1998)

University of Colorado, Graduate Laboratory Teaching Assistant,
Non-Majors Biology (“A Human Approach”) (1997-1999)
General Biology (Diversity and Ecology) (1994-1996)
General Biology (Cell and Molecular) (1995)
Insect Biology (1996)
Human Anatomy (1997)
Research Experiences for Undergraduates graduate mentor (1998)

Occidental College, Undergraduate Teaching Assistant
General Ecology and Evolution (1993)
Oceanology (1993)
Evolutionary Biology (1994)

K-12 Professional Development

- 2008 Mentor to high school science teacher conducting field research in Costa Rica
- 2008 Content expert for two week-long Agile Mind Institutes for LAUSD high school biology teachers, emphasizing inquiry-based approaches to learning.
- 2006 Facilitator of inquiry learning workshop in human and plant physiology for 5th grade teachers with the Inquiry Learning Institute, Reuben H. Fleet Science Center.

Invited Symposium Presentations

- McGlynn, T.P. 2008. Local gradients in stoichiometry and trophic level of an omnivorous ant. International Congress of Entomology, Durban, South Africa.
- McGlynn, T.P. 2004. The behavioral ecology of rainforest ants. Opportunities for Research in Behavioral Science Symposium I, San Diego.
- McGlynn, T.P. 2003. Ecology of invasive ants found in agroecosystems. Association of Integrated Pest Management Ecologists, San Luis Obispo, California, USA.
- McGlynn, T.P. 2002. Monitoring and response strategies for preventing and controlling ant invasions. Entomological Society of America National Meeting, Ft. Lauderdale, Florida, USA.
- McGlynn, T.P. 2002. An early warning system for social insect invasions. IUSSI International Congress, Sapporo, Japan.
- McGlynn, T.P. 2000. Human commensalism and ecological invasions of North American exotic ants. International Congress of Entomology, Iguassu Falls, Brazil.
- McGlynn, T.P. 1999. Food supplementation increases soldier proportion in *Pheidole flavens*. IUSSI International Congress, Adelaide, Australia.

Schultz, T.R. and T. P. McGlynn. 1996. Interactions of ants with other organisms. Smithsonian Ants of the Leaf Litter Workshop, Ithaca, Brazil.

Conference Presentations (* indicates undergraduate)

McGlynn, T.P., D.A. Clark and S.F. Oberbauer 2009. Structure of a detrital food web: Relative influence of biomass vs. nutrient inputs. Ecological Society of America Annual Meeting, Albuquerque (oral)

Poirson, E.K*, T.P. McGlynn and S.F. Oberbauer. 2008. The Role of Litter Decomposition, Fertility, and Litter-Dwelling Animals in the Carbon Cycle of a Tropical Rain Forest. International Congress of Entomology, Durban, South Africa (poster)

McGlynn, T.P. S.F. Oberbauer and D.A. Clark. 2007. Habitat and stoichiometry predict density of litter-dwelling ants and other tropical rain forest arthropods. Entomological Society of America, San Diego (oral)

McGlynn, T.P. 2005. Odor-mediated nest relocation in a rainforest ant. Entomological Society of America, Ft. Lauderdale (oral)

McGlynn, T.P., R. Fawcett, *D. Salinas, *A. Esparza, and D.A. Clark. 2005. Support for the growth rate hypothesis in a terrestrial detrital community. Ecological Society of America, Montreal. (oral)

Oberbauer, S.F., D.A. Clark, D. Genereux, D. Lawrence, A. Russell, T. McGlynn, M.-L. Smith, N. Bynum, J. Espeleta, and C. Lewis. 2005. BCE/CBC: Complex interactions among water, nutrients and carbon stocks and fluxes across a natural fertility gradient in tropical rain forest. All hands Biocomplexity meeting, March 21-23 Washington DC (poster).

McGlynn, T.P. 2004. The ecological stoichiometry of a tropical ant community. IUSI North American Section Meeting, Arizona. (oral)

McGlynn, T.P., *R. Carr, *J. Carson, and *J. Buma. 2002. Frequent nest relocation in a soil-nesting tropical rainforest ant. Entomological Society of America National Meeting, Ft. Lauderdale, Florida (oral)

McGlynn, T.P., *M.S. Kelly, and *M.D. Shotell. 2001. What is poor habitat? Food and foraging in a rainforest ant. Entomological Society of America National Meeting, San Diego, California (oral)

McGlynn, T.P. 2001. Opening remarks of “Worldwide odyssey: ecology of social insects” symposium, Entomological Society of America National Meeting, San Diego, California (oral)

McGlynn, T.P. 2000. How environmental heterogeneity impacts a tropical litter-foraging ant. IUSI North American Section Meeting, Huntsville, Arkansas. (oral)

McGlynn, T.P. 1999. How to fight: Lanchester’s laws of combat mediate interspecific interactions in a Neotropical ant community. Entomological Society of America National Meeting, Atlanta, Georgia (oral)

McGlynn, T.P., and M.D. Springer. 1998. Factors affecting reproduction and resource utilization in a Neotropical leaf litter ant community. Association for Tropical Biology National Meeting, Baltimore, Maryland. (oral)

McGlynn, T.P. 1997. The prediction of invasive ant species. IUSI North American Section Meeting, Boulder, Colorado. (oral)

McGlynn, T.P. 1996. Resource partitioning in Neotropical ants. Entomological Society of America National Meeting, Louisville, Kentucky. (poster)

Invited Seminar Presentations

- 2009 Organization for Tropical Studies, Research Experiences for Undergraduates program
Washington and Jefferson College, Tropical Ecology Course in Costa Rica
Osher Lecture Series, Extended Education Program of CSU Dominguez Hills
- 2008 California State University Northridge, Department of Biology
Research Experiences for Undergraduates Program, La Selva Biological Station
- 2007 California State University Long Beach, Department of Biology
CSU Dominguez Hills, Seminar Series in Biological and Biomedical Research
La Selva Biological Station
Tennessee State University, Department of Biology
- 2006 Cincinnati Museum Center, Museum of Natural History and Science
La Selva Biological Station, Research Experiences for Undergraduates program
Mount St. Mary's College, Department of Biology, Los Angeles
University of La Verne, Department of Biology, Los Angeles
- 2005 Bridges Academy Program, University of San Diego
- 2004 Curtin University of Technology, Department of Environmental Biology, Perth, Australia
La Selva Biological Station
University of California at Riverside, Department of Entomology
University of California at San Diego, Department of Biology
- 2003 Cornell University, Department of Entomology
La Selva Biological Station
Invisible University Lecture Series, University of San Diego
- 2002 La Selva Biological Station
Hubbs-Sea World Research Institute
Science Lecture Series, University of San Diego
- 2001 La Selva Biological Station
- 2000 California State University, Los Angeles, Department of Biology
La Selva Biological Station, Department of Biology
US Forest Service, Monongahela National Forest
- 1999 Rice University, Department of Ecology and Evolution
University of Houston, Department of Biology and Biochemistry
University of Pittsburgh, Department of Biology
- 1998 University of Colorado, Environmental, Population, and Organismic Biology,
La Selva Biological Station
Occidental College
- 1997 La Selva Biological Station
- 1996 Henderson Museum, University of Colorado
Williams Village Academic Program, University of Colorado
La Selva Biological Station
Department of Geography, University of Colorado
- 1993 University of Bern Zoological Institute

Recent Undergraduate Research Mentoring

Summer 2009

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| Aura Alonso | Thermal ecology of litter-dwelling ant community structure |
| Toyin Dunn | Nest movements in the ant <i>Ectatomma ruidum</i> |
| Thuy-Tien Hoang | The ecology and evolution of volatile odors in arboreal ants |

- Kim Hoffmann Ant-mediated litter decomposition via trophic cascades
 Ellen Wayman Nest movements in the ant *Ectatomma ruidum*
- January 2009, La Selva: Energetics of nest relocation in litter-dwelling ants
 Graciela Bravo, Alvaro Cervantes, Brandi Douglas, Stefanie Mattingly, Melinda Weaver
- 2008-2009
- Graciela Bravo The ontogeny of thievery in Neotropical thieving ants
 Gilbert Lam Decoding a tropical rain forest leaf litter food web (IRES)
 Stefanie Mattingly Olfaction and anti-predator behavior in Cappadocian ants (IRES)
 Victoria Oepomo Biogeography of litter collembola
- Summer 2008
- Gilbert Lam Decoding a tropical rain forest leaf litter food web (IRES)
 Stefanie Mattingly Olfaction and anti-predator behavior in Cappadocian ants (IRES)
 Evan Poirson Fertility effects on detrital decomposition rates (IRES)
- 2007-2008
- Angela Upshaw Trophic biology of gypsy ants (AMP)
- Summer 2007
- Evan Poirson Fertility effects on detrital decomposition rates (IRES)
- Summer 2006
- Holly Cooper Effects of phosphorus limitation on ant life histories (REU)
 Bridget Dixon Decomposition rates and arthropod biodiversity (IRES)
 Jennifer Wegner Decomposition rates and arthropod biodiversity (IRES/McNair)
- Summer 2005
- Emily Barker The army ant hypothesis for ant nest relocation (SURE)
 Casandra Camacho Nutrient effects upon rainforest litter ant species diversity
 Alexandria Esparza Edaphic effects upon leaf litter ants (McNair)
 Daniel Salinas Bottom-up trophic cascade upon litter invertebrates (SURE)
- 2004 - 2005
- Emily Barker The army ant hypothesis for ant nest relocation (SURE)
 Casandra Camacho Nutrient effects upon rainforest litter ant species diversity
 Alexandria Esparza Edaphic effects upon leaf litter ants (McNair)
 Ryan Fawcett Ant cuticular hydrocarbons associated with climate (AAAS/Merck)
 Daniel Salinas Bottom-up trophic cascade upon litter invertebrates (SURE)
- Summer 2004
- Alexandria Exparza Stoichiometric determinants of ant diversity (McNair)
 Ryan Fawcett Stoichiometric determinants of ant diversity (McNair)
 Daniel Salinas Stoichiometric determinants of ant diversity (SURE)
 Nicole Siddall Stoichiometric determinants of ant diversity (SURE)

Summer 2003

Richard Lee	Edaphic effects upon leaf litter arthropod communities (PURE)
Daniel Salinas	Edaphic effects upon leaf litter arthropod communities
Nicole Siddall	Fire ecology of plant-insect interactions (SURE)

2002-2003

Heeran Abawi	Arthropod ecology in a West Virginian forest
Czarina Baker	Arthropod ecology in a West Virginian forest
Johnny Carson	Edaphic effects upon a rainforest arthropod community

Training in Teaching Methods

2007-2008	QED (Quality Educator Development) Science workshops, CSUDH College of Education
2007	Faculty Success Program, CSU Dominguez Hills
2005	Academic integrity workshop participant, University of San Diego
2004	Assessment workshop participant, University of San Diego
1998	Fellow, Preparing Future Faculty Program, University of Colorado Cluster. The PFF program trains experienced graduate students and postdoctoral researchers for teaching careers.
1998	Certification, University of Colorado Graduate Teacher Program. Completion of a comprehensive set of two videotape evaluations and 20 hours of training seminars and biology-specific workshops on teaching.

Research Experiences for Undergraduates, Faculty mentor (2003, 2006, 2009)

International and National Service

1997 – current:	Reviewer for Animal Behaviour, Annals of the Entomological Society of America, Austral Ecology, Behavioral Ecology, Biological Conservation, Biological Invasions, Biotropica, Diversity and Distributions, Ecology, Ecology Letters, Ecological Applications, Ecological Entomology, Environmental Entomology, Functional Ecology, Global Change Biology, Insectes Sociaux, Journal of Biogeography, Journal of Ethology, Journal of Insect Behavior, Journal of Insect Science, Journal of Tropical Ecology, Murdock Charitable Trust, National Geographic Society, National Science Foundation, Nature, Naturwissenschaften, Oecologia, Oikos, Revista de Biología Tropical, Royal Society of New Zealand Marsden Fund, Science, Soil Biology and Biochemistry, Southeastern Naturalist, USDA, US-Israel Binational Agricultural Research and Development Fund.
2010	Organizer of symposium for Congress of the International Union for the Study of Social Insects, “Continental- and global-scale biogeography of social insect communities,” Copenhagen.
2005	Moderator, Entomological Society of America National Meeting, Ant Ecology session.
2002	Delegate for North American Section to the International Congress of the International Union for the Study of Social Insects, Sapporo, Japan.
1997	Organizational committee for the North American IUSSI meeting, Niwot Ridge, Colorado

Symposia organized

2010	“Going big: Large scale spatial and temporal patterns in social insect communities”
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- Congress of the International Union for the Study of Social Insects, Copenhagen, co-organized with Rob Dunn
- 2001 Organizer of symposium for Entomological Society of America National Meeting, "Worldwide odyssey: the ecology of invasive social insects." San Diego, California, co-organized with Nathan Sanders

Graduate advising

- 2008 – current Felicia Burt, Biology
Thesis: Spatial variation in limiting nutrients and microbial biomass in a tropical rain forest

Graduate advising committees

- Rizwana Kauzer (2009), Dudenka Anaya (2009), Alice Adkins (2010), Matt Bettino (2010), Karter Boutros (2010)

Institutional Service

- CSUDH University Committee on Educator Preparation, 2008-current
CSUDH Faculty Research Advisory Council, February 2009-current
CSUDH Biology Department Teaching in Biology Advisor, 2009-current
CSUDH Biology Department Graduate Committee, 2007-current
CSUDH Biology Department Curriculum Committee, 2008-current
CSUDH Biology Department Space Committee, 2008-current
CSUDH International Programs promotion group, Fulbright Scholar Program (April 2009-current)
CSUDH Moderator and abstract reviewer for SCUR Conference at CSUDH, Spring 2009
CSUDH WASC review interview panel on Faculty Development, Feb 2008
CSUDH Day with Dominguez appearances: several 2007-current
CSUDH NBS Budget Advisory Committee, 2007-2009
CSUDH NBS ad-hoc Online Programs Committee, September 2008 -2009
CSUDH representative to USDA-HSI Conference at CSULB, 9 June 2009
CSUDH representative to system-wide meeting with the director of the CCTC, 1 May 2009
CSUDH Student Research Conference, Judge, 2007
Judge for posters and talks at Southern California Academy of Sciences Meeting, May 2008
USD Shiley Center Website Maintenance Committee, 2004-2007
USD Health Sciences Evaluation Committee, 2002-2006
USD Goldwater and Hayes Scholarship Committees, 2004-2006
USD Graduate School in Biology faculty panel coordinator, 2000-2006
Liasion between USD and San Diego County Parks, 2001-2005.
USD Study Abroad Committee, Latin American Program Subcommittee, 202-2006
USD Research and Internship Conference Organizing Committee, 2005
USD Strategic directions on internationalization workshop participant, 2005
USD Advisor to Goldwater Scholarship nominees, 2002, 2005
USD Science Lecture Series, Co-Organizer: 2001-2002; Speaker: 2002, 2003
Judge for USD Undergraduate Research and Internship Fair, 2000-2005
Co-coordinator of Gettysburg College Biology seminar series, 1999-2000
Chair of the E.P.O. Biology Colloquium Committee, University of Colorado, 1997-1998
Manager of BUGS electronic mailing list (bugs-l@colorado.edu), 1995-1998
Organizer, Behavioral Ecology Journal Club, University of Colorado, 1997-1998

Coordinator of E.P.O. Biology Brown Bag Lunch Seminar Series, 1997

Web Publications

McGlynn, T.P. 1999 - 2003. Non-native ants (archived at www.leaf litter.org)

McGlynn, T.P. 1996. Eye-Opening Experiences and Funding Opportunities for Graduate and Postdoctoral Research in Asia. Science Online's Next Wave, <http://nextwave.sciencemag.org/cgi/content/full/1999/02/03/4>

Media participation

“Billings student finds amazing insects, vistas in Costa Rica” (REU mentee in her local paper), 2006, Billings Gazette, <http://tinyurl.com/ktehv>

“ Forest dire: As global temperatures rise, released carbon from dying rain forests may add fuel to climate change” 2006, San Diego Union Tribune; <http://tinyurl.com/ptekv>

“The truth about rainforests” 2006, Seed Magazine, <http://tinyurl.com/jvefw>

“Ants create united Europe” Nature, 2002, <http://tinyurl.com/k9czk>

“No mercy from Argentine ants,” Science, 1997, <http://tinyurl.com/erorj>

Professional Memberships

Association for Tropical Biology and Conservation

Ecological Society of America

International Union for the Study of Social Insects

Organization for Tropical Studies

Phi Kappa Phi Honor society

Phi Sigma, Biology honor society

Sigma Xi, Scientific honor society