

KYLE EDWARD HARMS
CURRICULUM VITAE – October 2009

ADDRESS: Department of Biological Sciences, Louisiana State University,
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WEB SITE: http://www.biology.lsu.edu/faculty_listings/fac_pages/kharms.html

EDUCATION

- 1997 Ph.D. Department of Ecology & Evolutionary Biology, Princeton University, Princeton, NJ;
Advisor: Dr. Stephen P. Hubbell; Committee: Dr. Andrew P. Dobson, Dr. Henry S. Horn, Dr.
Stephen W. Pacala & Dr. Donald A. Stratton; Dissertation: *Habitat specialization and seed-
dispersal limitation in a Neotropical forest*
- 1989 B.S. Inter-departmental Program in Biology, Iowa State University (ISU), Ames, IA;
Graduated with Honors, Biology major, Spanish minor; Academic advisor: Dr. Marilyn D.
Bachmann; Honors advisor: Dr. William L. Franklin; Honors thesis (based on a 7-month,
independent field project in Torres del Paine National Park, Chile): *Yearling dispersal in a
population of South American guanacos (Lama guanicoe)*

ACADEMIC & RESEARCH APPOINTMENTS

- Current (since 2007) Associate Professor (with tenure), Department of Biological Sciences,
Louisiana State University (LSU), Baton Rouge, LA
- Current (since 2002) Research Associate, Smithsonian Tropical Research Institute (STRI),
Panama City, Panama
- 2008 Distinguished Fellow, Institute for Advanced Study & Honorary Research Fellow,
Department of Botany, La Trobe University, Bundoora, Australia (on sabbatical from LSU)
- 2002-2007 Assistant Professor, Department of Biological Sciences, LSU, Baton Rouge, LA
- 2000-2001 Postdoctoral Visiting Fellow, Department of Natural Resources, Cornell University,
Ithaca, NY; Supervisor: Dr. Joseph B. Yavitt
- 2000 Short-Term Visiting Fellow, STRI, Panama City, Panama
- 1999-2000 Postdoctoral Research Fellow, Department of Ecology, Evolution & Marine Biology,
University of California, Santa Barbara, CA; Supervisor: Dr. Joseph H. Connell
- 1997-1999 Postdoctoral Research Fellow, STRI, Panama City, Panama; Supervisor: Dr. S.
Joseph Wright

CURRENT POSITIONS BY INVITATION ON ADVISORY & EDITORIAL BOARDS, etc.

- Since 2009 (3-yr term) Member of the Organization for Tropical Studies Science Committee
- Since 2008 Working group participant: "Revisiting Nutrient Limitation in Tropical Forests",
National Center for Ecological Analysis and Synthesis, Santa Barbara, CA
- Since 2008 Inaugural Member of the Editorial Board for *Acta Biologica Panamensis*
- Since 2007 (3-yr term) Member of the National Center for Ecological Analysis and Synthesis
Science Advisory Board
- Since 2005 (two 3-yr terms) Associate Editor for *Journal of Ecology* (48 manuscripts handled)

PUBLICATIONS

REFEREED JOURNAL ARTICLES

^{LSU-G} = LSU graduate student in my group; ^{LSU-P} = LSU post-doc in my group; ^{LSU-Grad} = other LSU graduate student

Portable Document Format (PDF) files or Digital Object Identifier (DOI) links for all publications are available online at: <http://www.biology.lsu.edu/webfac/kharms/HarmsCV.htm>

43. Bravo, Adriana^{LSU-G}, Kyle E. Harms & Louise H. Emmons. *In press*. Puddles as mineral sources for frugivorous bats (Stenodermatinae) in the Peruvian Amazon. *Journal of Tropical Ecology*.
42. Laurance, Susan G. W., William F. Laurance, Ana Andrade, Philip M. Fearnside, Kyle E. Harms, Alberto Vicentini & Regina C. C. Luizão. *In press*. Influence of soils and topography on Amazonian tree diversity: a landscape-scale study. *Journal of Vegetation Science*.
41. Ferro, Michael L.^{LSU-Grad}, Matthew L. Gimmel^{LSU-Grad}, Kyle E. Harms & Christopher E. Carlton. 2009. The beetle community of small oak twigs in Louisiana, with a literature review of Coleoptera from fine woody debris. *Coleopterists Bulletin* 63:239-263.
40. Myers, Jonathan A.^{LSU-G} & Kyle E. Harms. 2009. Local immigration, competition from dominant guilds, and the ecological assembly of high-diversity pine savannas. *Ecology* 90:2745-2754.
39. Myers, Jonathan A.^{LSU-G} & Kyle E. Harms. 2009. Seed arrival, ecological filters, and plant species richness: A meta-analysis. *Ecology Letters* 12:1250-1260.
38. Paine, C. E. Timothy^{LSU-G} & Kyle E. Harms. 2009. Quantifying the effects of seed arrival and environmental conditions on tropical seedling community structure. *Oecologia* 160:139-150.
37. Paine, C. E. Timothy^{LSU-G}, Kyle E. Harms & Jesús Ramos. 2009. Supplemental irrigation increases seedling performance and diversity in a tropical forest. *Journal of Tropical Ecology* 25:171-180.
36. Powers, Jennifer S., Rebecca A. Montgomery, E. Carol Adair, Francis Q. Brearley, Saara J. DeWalt, Camila T. Castanho, Jerome Chave, Erika Deinert, Jörg U. Ganzhorn, Matthew E. Gilbert, José Antonio González-Iturbe, Sarayudh Bunyavejchewin, H. Ricardo Grau, Kyle E. Harms, Ankila Hiremath, Silvia Iriarte-Vivar, Eric Manzane, Alexandre A. de Oliveira, Lourens Poorter, Jean-Baptiste Ramanamanjato, Carl Salk, Amanda Varela, George D. Weiblen & Manuel T. Lerdau. 2009. Decomposition in tropical forests: a pan-tropical study of the effects of litter type, litter placement and mesofaunal exclusion across a precipitation gradient. *Journal of Ecology* 97:801-811.
35. Yavitt, Joseph B., Kyle E. Harms, Milton N. Garcia, S. Joseph Wright, Fangliang He & Matt J. Mirabello. 2009. Spatial heterogeneity of soil chemical properties in a lowland tropical moist forest, Panama. *Australian Journal of Soil Research* 47:674-687.
34. Bravo, Adriana^{LSU-G}, Kyle E. Harms, Richard D. Stevens & Louise H. Emmons. 2008. *Collpas*: Activity hotspots for frugivorous bats (Phyllostomidae) in the Peruvian Amazon. *Biotropica* 40:203-210.
[Bat Conservation International featured this project in: (1) their newsletter, *Bat Conservation Times* (2006) v. 4; and (2) their magazine, *Bats* (2006) 24:11-12; Mongabay.com featured this project at: http://news.mongabay.com/2008/0714-hance_bats_atbc.html]
33. Kaspari, Michael, Milton N. Garcia, Kyle E. Harms, Mirna Santana, S. Joseph Wright & Joseph B. Yavitt. 2008. Multiple nutrients limit litterfall and decomposition in a tropical forest. *Ecology Letters* 11:35-43.
32. Paine, C. E. Timothy^{LSU-G}, Kyle E. Harms, Stefan A. Schnitzer & Walter P. Carson. 2008. Weak competition among tropical tree seedlings: implications for species coexistence. *Biotropica* 40:432-440.

[Awarded 2009 *Biotropica* Award for Excellence in Tropical Biology & Conservation by the *Biotropica* Editorial Board; see: *Biotropica* (2009) 41:647-648]

31. Poorter, Lourens, S. Joseph Wright, Horacio Paz, David D. Ackerly, Rick Condit, Guillermo Ibarra-Manríquez, Kyle E. Harms, Juan-Carlos Licona, Miguel Martínez-Ramos, Susan J. Mazer, Helene Muller-Landau, Marielos Peña-Claros, Campbell O. Webb & Ian Wright. 2008. Are functional traits good predictors of demographic rates? Evidence from five Neotropical forests. *Ecology* 89:1908-1920.
30. Carlson, Jane E.^{LSU-G} & Kyle E. Harms. 2007. The benefits of bathing buds: water calyces protect flowers from a microlepidopteran herbivore. *Biology Letters* 3:405-407.
[Featured in: (1) *GEO* (July, 2007) pg. 174; (2) *Science News* (May 19, 2007) pg. 317; and (3) *Science & Vie* (June, 2007) pg. 16]
29. John, Robert, James W. Dalling, Kyle E. Harms, Joseph B. Yavitt, Robert F. Stallard, Matthew Mirabello, Stephen P. Hubbell, Renato Valencia, Hugo Navarrete, Martha Vallejo & Robin B. Foster. 2007. Soil nutrients influence spatial distributions of tropical tree species. *Proceedings of the National Academy of Sciences* 104:864-869.
28. Laurance, William F., Henrique E. M. Nascimento, Susan G. Laurance, Ana Andrade, Robert M. Ewers, Kyle E. Harms, Regina C. C. Luizão & José E. Ribeiro. 2007. Habitat fragmentation, variable edge effects, and the Landscape-Divergence Hypothesis. *PLoS ONE* 10:e1017 (pp. 1-8).
27. Wright, Ian J., David D. Ackerly, Frans Bongers, Kyle E. Harms, Guillermo Ibarra-Manriquez, Miguel Martinez-Ramos, Susan J. Mazer, Helene C. Muller-Landau, Horacio Paz, Nigel C. A. Pitman, Lourens Poorter, Miles R. Silman, Corine F. Vriesendorp, Cam O. Webb, Mark Westoby & S. Joseph Wright. 2007. Relationships among ecologically important dimensions of plant trait variation in seven Neotropical forests. *Annals of Botany* 99:1003-1015.
26. Carlson, Jane E.^{LSU-G} & Kyle E. Harms. 2006. The evolution of gender-biased nectar production in hermaphroditic plants. *The Botanical Review* 72:179-205.
25. Condit, Richard, Peter Ashton, Sarayudh Bunyavejchewin, H. S. Dattaraja, Stuart Davies, Shameema Esufali, Corneille Ewango, Robin Foster, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, Pamela Hall, Kyle E. Harms, Terese Hart, Consuelo Hernandez, Stephen Hubbell, Akira Itoh, Somboon Kiratiprayoon, James LaFrankie, Suzanne Loo de Lao, Jean-Remy Makana, Md. Nur Supardi Noor, Abdul Rahman Kassim, Sabrina Russo, Raman Sukumar, Cristián Samper, Hebbalalu S. Suresh, Sylvester Tan, Sean Thomas, Renato Valencia, Martha Vallejo, Gorky Villa & Tommaso Zillio. 2006. The importance of demographic niches to tree diversity. *Science* 313:98-101.
24. DeWalt, Saara J., Kalan Ickes, Reuben Nilus, Kyle E. Harms & David F. R. P. Burslem. 2006. Liana habitat associations and community structure in a Bornean lowland tropical forest. *Plant Ecology* 186:203-216.
23. Gunatilleke, C. V. S., I. A. U. N. Gunatilleke, S. Esufali, K. E. Harms, P. M. S. Ashton, D. F. R. P. Burslem & P. S. Ashton. 2006. Species-habitat associations in a Sri Lankan dipterocarp forest. *Journal of Tropical Ecology* 22:371-384.
22. Laurance, William F., Henrique E. M. Nascimento, Susan G. Laurance, Ana Andrade, José E. L. S. Ribeiro, Juan Pablo Giraldo, Thomas E. Lovejoy, Richard Condit, Jerome Chave, Kyle E. Harms & Sammya D'Angelo. 2006. Rapid decay of tree-community composition in Amazonian forest fragments. *Proceedings of the National Academy of Sciences* 103:19010-19014.
[Named Outstanding Paper in Landscape Ecology for 2006 by the U.S. Chapter of the International Association of Landscape Ecologists]
21. Muller-Landau, Helene C., Richard S. Condit, Jerome Chave, Sean Thomas, Stephanie A. Bohlman, Sarayudh Bunyavejchewin, Stuart Davies, Robin Foster, C. V. S. Gunatilleke, I. A. U. N. Gunatilleke, Kyle E. Harms, Terese Hart, Stephen P. Hubbell, Akira Itoh, Abd Rahman Kassim, James V. LaFrankie, Hua Seng Lee, Elizabeth Losos, Jean-Remy Makana,

- Tatsuhiko Ohkubo, Raman Sukumar, I-Fang Sun, Nur Supardi M. N., Sylvester Tan, Jill Thompson, Renato Valencia, Gorky Villa Muñoz, Christopher Wills, Takuo Yamakura, George Chuyong, Handanakere Shivaramaiah Dattaraja, Shameema Esufali, Pamela Hall, Consuelo Hernandez, David Kenfack, Somboon Kiratiprayoon, Hebbalalu S. Suresh, Duncan Thomas, Martha Isabel Vallejo, & Peter Ashton. 2006. Testing metabolic ecology theory for allometric scaling of tree size, growth, and mortality in tropical forests. *Ecology Letters* 9:575-588.
20. Muller-Landau, Helene C., Richard S. Condit, Kyle E. Harms, Christian O. Marks, Sean C. Thomas, Sarayudh Bunyavejchewin, George Chuyong, Leonardo Co, Stuart Davies, Robin Foster, Savitri Gunatilleke, Nimal Gunatilleke, Terese Hart, Stephen P. Hubbell, Akira Itoh, Abd Rahman Kassim, David Kenfack, James V. LaFrankie, Daniel Lagunzad, Hua Seng Lee, Elizabeth Losos, Jean-Remy Makana, Tatsuhiko Ohkubo, Cristian Samper, Raman Sukumar, I-Fang Sun, Nur Supardi M. N., Sylvester Tan, Duncan Thomas, Jill Thompson, Renato Valencia, Martha Isabel Vallejo, Gorky Villa Muñoz, Takuo Yamakura, Jess K. Zimmerman, Handanakere Shivaramaiah Dattaraja, Shameema Esufali, Pamela Hall, Fangliang He, Consuelo Hernandez, Somboon Kiratiprayoon, Hebbalalu S. Suresh, Christopher Wills & Peter Ashton. 2006. Comparing tropical forest tree size distributions with the predictions of metabolic ecology and equilibrium models. *Ecology Letters* 9:589-602.
 19. Wills, Christopher, Kyle E. Harms, Richard Condit, David King, Jill Thompson, Fangliang He, Helene C. Muller-Landau, Peter Ashton, Elizabeth Losos, Liza Comita, Stephen Hubbell, James LaFrankie, Sarayudh Bunyavejchewin, H. S. Dattaraja, Stuart Davies, Shameema Esufali, Robin Foster, Nimal Gunatilleke, Savitri Gunatilleke, Pamela Hall, Akira Itoh, Robert John, Somboon Kiratiprayoon, Suzanne Loo de Lao, Marie Massa, Cheryl Nath, Md. Nur Supardi Noor, Abdul Rahman Kassim, Raman Sukumar, Hebbalalu Satyanarayana Suresh, I-Fang Sun, Sylvester Tan, Takuo Yamakura & Jess Zimmerman. 2006. Non-random processes maintain diversity in tropical forests. *Science* 311:527-531.
[Featured on the National Science Foundation web site:
http://www.nsf.gov/news/news_summ.jsp?cntn_id=105688&org=NSF&from=news]
 18. Connell, Joseph H., Terence P. Hughes, Carden C. Wallace, Jason E. Tanner, Kyle E. Harms & Alexander M. Kerr. 2004. A long-term study of competition and diversity of corals. *Ecological Monographs* 74:179-210.
[Cover article for *Ecological Monographs* 74(2)]
 17. Harms, Kyle E., Jennifer S. Powers & Rebecca A. Montgomery. 2004. Variation in small sapling density, understory cover and resource availability in four Neotropical forests. *Biotropica* 36:40-51.
 16. Harms, Kyle E. & C. E. Timothy Paine^{LSU-G}. 2003. Regeneración de árboles tropicales e implicaciones para el manejo de bosques naturales. *Ecosistemas* 12:15-30.
[Electronic access: http://www.revistaecosistemas.net/index_frame.asp?pagina=http%3A%2Fwww.revistaecosistemas.net%2Farticulo.asp%3Fid%3D190%26id_Categoria%3D1%26tipo%3Dportada]
 15. Harms, Kyle E. & Jessica R. Eberhard. 2003. Roosting behavior of the Brown-throated Parakeet (*Aratinga pertinax*) and roost locations on four southern Caribbean islands. *Ornitología Neotropical* 14:79-89.
 14. Harms, Kyle E., Richard Condit, Stephen P. Hubbell & Robin B. Foster. 2001. Habitat associations of trees and shrubs in a 50-ha neotropical forest plot. *Journal of Ecology* 89:947-959.
 13. Gilbert, Gregory S., Kyle E. Harms, David N. Hamill & Stephen P. Hubbell. 2001. Effects of seedling size, El Niño drought, seedling density, and distance to nearest conspecific adult on 6-year survival of *Ocotea whitei* seedlings in Panama. *Oecologia* 127:509-516.

12. Harms, Kyle E., S. Joseph Wright, Osvaldo Calderón, Andrés Hernández & Edward Allen Herre. 2000. Pervasive density-dependent recruitment enhances seedling diversity in a tropical forest. *Nature* 404:493-495.
[Featured in: (1) News & Comment section of *Trends in Ecology & Evolution* (2000) 15:434-436; and (2) J. Silvertown's *Demons in Eden: The Paradox of Plant Diversity* (2005) University of Chicago Press (pp. 73, 158)]
11. Harms, Kyle E. & James W. Dalling. 2000. A bruchid beetle and a viable seedling from a single diaspore of *Attalea butyracea*. *Journal of Tropical Ecology* 16:319-325.
10. Dalling, James W. & Kyle E. Harms. 1999. Damage tolerance and cotyledonary resource use in the tropical tree *Gustavia superba*. *Oikos* 85:257-264.
9. Hubbell, Stephen P., Robin B. Foster, Sean T. O'Brien, Kyle E. Harms, Richard Condit, Benjamin Wechsler, S. Joseph Wright & Suzanne Loo de Lao. 1999. Light gap disturbances, recruitment limitation, and tree diversity in a Neotropical forest. *Science* 283:554-557.
[Cover article for *Science* 283(5401)]
8. Dalling, James W., Kyle E. Harms & Rafael Aizprúa. 1997. Seed damage tolerance and seedling resprouting ability of *Prioria copaifera* in Panama. *Journal of Tropical Ecology* 13:481-490.
7. Harms, Kyle E. & James W. Dalling. 1997. Damage and herbivory tolerance through resprouting as an advantage of large seed size in tropical trees and lianas. *Journal of Tropical Ecology* 13:617-621.
6. Harms, Kyle E., James W. Dalling & Rafael Aizprúa. 1997. Regeneration from cotyledons in *Gustavia superba* (Lecythidaceae). *Biotropica* 29:234-237.
5. Dalling, James W., Kyle E. Harms, Jessica R. Eberhard & Indra Candanedo. 1996. Natural history and uses of tagua (*Phytelephas seemanii*) in Panama. *Principes* 40:16-23.
4. Harms, Kyle E. & Annette Aiello. 1995. Seed-feeding tropical clear-wing moths: aberrant behavior or common habit? *Journal of the Lepidopterists' Society* 49:43-48.
3. Harms, Kyle E. & James W. Dalling. 1995. Seasonal consistency despite variation in germination timing for *Scheelea zonensis*. *Principes* 39:104-106.
2. Harms, Kyle E. & Jorge A. Ahumada. 1992. Observations of an adult hummingbird provisioning an incubating adult. *Wilson Bulletin* 104:369-370.
[Featured in: *American Birds* (1993) 47:17]
1. Harms, Kyle E., Les D. Beletsky & Gordon H. Orians. 1991. Conspecific nest parasitism in three species of New World blackbirds. *The Condor* 93:967-974.

INVITED CONTRIBUTIONS TO EDITED VOLUMES & OTHER PUBLICATIONS

11. Harms, Kyle E., S. Joseph Wright, Osvaldo Calderón, Andrés Hernández & Edward Allen Herre. 2007. El reclutamiento dependiente-de-densidad aumenta la diversidad de plántulas en un bosque tropical. Pp. 543-547 in Egbert G. Leigh, Jr., E. Allen Herre, Jeremy B. C. Jackson & Fernando Santos-Granero, eds. *Ecología y Evolución en los Trópicos*. Editora Novo Art, Panama City, Panama.
[This chapter was translated, with permission, from *Nature* (2000) 404:493-495]
10. Wills, Christopher & Kyle Harms. 2006. Species diversity and ecosystem functioning - Response. *Science* 312:847-848.
9. Connell, Joseph H., Igor Debski, Catherine A. Gehring, Lloyd Goldwasser, Peter T. Green, Kyle E. Harms, Peter Juniper & Tad C. Theimer. 2005. Dynamics of seedling recruitment in an Australian tropical rainforest. Pp. 486-506 in Eldredge Bermingham, Christopher W. Dick & Craig Moritz, eds. *Tropical Rain Forests: Past, Present, and Future*. University of Chicago Press, Chicago, IL.

8. Muller-Landau, Helene C., James W. Dalling, Kyle E. Harms, S. Joseph Wright, Richard Condit, Stephen P. Hubbell & Robin B. Foster. 2004. Seed dispersal and density-dependent seed and seedling survival in *Trichilia tuberculata* and *Miconia argentea*. Pp. 340-362 in Elizabeth C. Losos & Egbert G. Leigh, Jr., eds. *Tropical Forest Diversity and Dynamism: Findings from a Large-Scale Plot Network*. Chicago University Press, Chicago, IL.
7. Gunatilleke, C. V. S., Shameema Esufali, I. A. U. N. Gunatilleke, Kyle E. Harms & David Burslem. 2003. Species-habitat associations in the forest dynamics plot at Sinharaja, Sri Lanka. *Inside CTFS: Newsletter of the Center for Tropical Forest Science Summer Volume*, pp. 4-5, 11.
6. Harms, Kyle E. 2003. Torus-translation tests: Trees on a donut. *Inside CTFS: Newsletter of the Center for Tropical Forest Science Summer Volume*, pp. 3, 10.
5. Harms, Kyle E. 2002. El tamaño de la semilla como una adaptación al daño físico. Pg. 349 in Manuel R. Guariguata & Gustavo H. Kattan, eds. *Ecología y Conservación de Bosques Neotropicales*. Ediciones LUR, Cartago, Costa Rica.
4. Harms, Kyle E. 2002. Limitación en la dispersión. Pp. 347-348 in Manuel R. Guariguata & Gustavo H. Kattan, eds. *Ecología y Conservación de Bosques Neotropicales*. Ediciones LUR, Cartago, Costa Rica.
3. Harms, Kyle E. 1997. Pruebas estadísticas útiles para investigaciones de campo. *Natura (Universidad Autónoma de Chiriquí, Panama)* 9:7-9.
2. Harms, Kyle E. 1996. ¿Cómo se miden los patrones de dispersión? Pp. 54-57 in Gregory S. Gilbert & Monica Mejía, eds. *Manual para las Investigaciones de Biología de Campo, Segunda Edición*. Smithsonian Tropical Research Institute, Panama.
1. Harms, Kyle E. 1996. The supply-side ecology of the forest on BCI: A role for dispersal-limitation? *Inside CTFS: Newsletter of the Center for Tropical Forest Science Summer Volume*, pg. 9.

GRANTS

FEDERAL (USA) GRANTS & COOPERATIVE AGREEMENT

- 2007-2009 Department of the Interior, National Park Service Cooperative Agreement, "Inventory of vascular plants on Gulf Islands National Seashore and Jean Lafitte National Historical Park and Preserve," specifically, the sub-component "Ground-truthing vegetation at Jean Lafitte National Historical Park and Preserve (JELA) in support of LiDAR-based vegetation assessment for the Gulf Coast Network (GULN);" PI Lowell E. Urbatsch & co-PI Kyle E. Harms; \$94,000
- 2006-2009 National Science Foundation – Division of Environmental Biology, Ecological Biology Cluster, "Rainforest fragmentation and its impacts on Amazonian tree communities," DEB 0614044; PI Kyle E. Harms & co-PI William F. Laurance; \$450,000
- 2005-2008 National Science Foundation – Division of Environmental Biology, Ecological Biology Cluster, "Ecological processes influencing local biodiversity in species-rich pine savanna groundcover," DEB 0516175; PI Kyle E. Harms & co-PI William J. Platt; \$400,000
- 2003-2004 National Science Foundation – International Division, Americas Program, "An international training workshop on tropical soil properties and hydrology linked to existing forest dynamics projects," OISE 0314581; PI Kyle E. Harms; \$55,000
- 2002-2005 National Science Foundation – Division of Environmental Biology, Ecology Section, "Collaborative research: effects of soil-borne resources on the structure and dynamics of lowland tropical forests," Collaborating PIs: James W. Dalling (lead PI), Kyle E. Harms (awarded DEB 0211004), Robert F. Stallard & Joseph B. Yavitt; \$609,379 (sum for the four separate collaborative awards)

OTHER GRANTS

- 2005 Center for Tropical Forest Science Small Grant, “Creating identification resources for flowers, fruits, seeds, and seedlings from the Brazilian CTFS plot”; Charles E. Zartman (PI), Kyle E. Harms (co-PI) & Alexandre Adalardo de Oliveira (co-PI); \$8000
- 2005 Center for Tropical Forest Science Small Grant, “Rectifying taxonomy between the two Amazonian CTFS plots”; Alexandre Adalardo de Oliveira (PI) & Kyle E. Harms (co-PI); \$6500
- 2004 Smithsonian Tropical Research Institute Supplementary Research Award, “An international training workshop for soil science linked to forest dynamics plots”; Collaborating PIs: Kyle E. Harms, James W. Dalling, Robert F. Stallard & Joseph B. Yavitt; \$2606
- 2003-2005 Louisiana Board of Regents Research Competitiveness Grant, “Forest diversity and dynamics within Amazonian Brazil”; \$81,666
- 2003 Louisiana Board of Regents Travel Grant for Emerging Faculty; \$750
- 2003 Smithsonian Tropical Research Institute Supplementary Research Award, “An international training workshop for soil science linked to forest dynamics plots”; Collaborating PIs: James W. Dalling, Kyle E. Harms, Robert F. Stallard & Joseph B. Yavitt; \$4500
- 2002 Louisiana State University Council on Research Grant, “Consequences of nutrient limitation for the species diversity of tropical forests”; \$5000
- 1997-1999 Smithsonian Scholarly Studies Grant, “Nutrient augmentation in a lowland tropical forest”; S. Joseph Wright (PI), Kyle E. Harms (co-PI) & Joseph B. Yavitt (co-PI); \$70,000
- 1994 Oxford Scientific Films Exploratory Research Grant, “Ecology and sustainable harvest of Tagua in the Darien, Panama”; Collaborating PIs: James W. Dalling & Kyle E. Harms; \$500
- 1994 Smithsonian Tropical Research Institute Internship, “Seedling responses to cotyledon removal”; awarded to Kyle E. Harms & James W. Dalling to support Rafael Aizprúa, undergraduate student from the Universidad de Panamá; \$2800
- 1993 Sigma Xi Grant-in-Aid of Research, “Habitat-specialization of tree species on Barro Colorado Island, Panama”; \$700

AWARDS, HONORS & OTHER RECOGNITION

AWARDS & HONORS (POST- BACCALAUREATE)

- 2008 LSU Rainmaker – one of the year’s top 100 research & creative faculty – awarded by the LSU Office of Research & Economic Development
- 2007 George H. Deer Distinguished Teaching Award, LSU
- 2007 LSU Chapter of Phi Kappa Phi and Alumni Association Outstanding Non-Tenured Professor in Natural and Physical Sciences
- 2007 LSU College of Basic Sciences Faculty Research Award – awarded to untenured and recently tenured faculty
- 1995 Sigma Xi, the Scientific Research Society – Full Member

PARTICIPANT IN WORKSHOPS & ADVANCED COURSES

- 2009 Invited workshop participant & presenter: LSU Communication-Across-the-Curriculum (CxC) Summer Institute (May 27-29)
- 2006 Contributing working group participant: “Functional Trait-Based Research”, Center for Tropical Forest Science (CTFS), held in Panama City, Panama
- 2005 Invited workshop participant: “Tropical Forest Dynamics”, CTFS, held in Panama City, Panama
- 2002 Invited workshop participant: “Spatial Patterns and Habitat Associations of Tropical Trees”, CTFS, held in Gamboa, Panama
- 2001 Invited workshop consultant and participant: “Spatial Patterns and Habitat Associations of Tropical Trees”, CTFS, held in Bangalore, India

- 2001, 2002 Invited working group participant: "Life-History Variation and Community Structure in Neotropical Rainforest Communities: Ecological and Phylogenetic Influences", NCEAS, Santa Barbara, CA
- 2001 Selected participant (with scholarship): "Advanced Comparative Neotropical Ecology, OTS 01-25", Organization for Tropical Studies, held in Brazil, Costa Rica, Panama, and Peru

SELECTED PRE-BACCALAUREATE AWARDS, CERTIFICATIONS, HONORS & SCHOLARSHIPS

- 1990 Phi Kappa Phi Scholarship, awarded by ISU's chapter for use at Princeton U.
- 1989 ISU Wallace E. Barron All-University Award, bestowed upon four graduating seniors
- 1989 Phi Kappa Phi Academic Honor Society
- 1989 Summer Session Scholarship, Bamfield Marine Station, British Columbia, Canada
- 1988 ISU Cardinal Key Honor Society
- 1988 ISU W. Robert Parks & Ellen Sorge Parks Senior Scholarship
- 1988 Mortar Board Honor Society
- 1988 Order of Omega Honor Society
- 1988 Phi Beta Kappa Academic Honor Society
- 1986 Professional Association of Diving Instructors (PADI) certified Open Water Diver
- 1985 ISU VEISHEA Leadership Scholarship, awarded to six freshmen prior to matriculation
- 1984 Youth for Understanding Japan / U.S. Senate Exchange Scholarship to Nagano, Japan
- 1983 Eagle Scout
- 1981 Professional Association of Diving Instructors (PADI) certified Basic SCUBA Diver

ACADEMIC ADVISING & TEACHING

POST-DOCTORAL RESEARCHERS SUPERVISED

- Gagnon, Paul R. – 2007-2008
Ecological processes that influence the dominant grasses of pine savannas
- Passmore, Heather A. – 2005-2008
Processes that influence local biodiversity in pine savanna groundcover
- Zartman, Charles E. – 2004-2005
Diversity and dynamics of an Amazonian forest

GRADUATE STUDENTS SUPERVISED

Current, at LSU

- Galeano, Sandra – Ph.D. student, 2009-present
- Klock, Metha – Ph.D. student, 2009-present
- Myers, Jonathan A. – Ph.D. student, 2005-present

Degree Completed at LSU or Attended LSU

- Bravo, Adriana – Ph.D., 2009
Dissertation: *Collpas* as activity hotspots for frugivorous bats (Phyllostomidae) in the Peruvian Amazon: Underlying mechanisms and conservation implications
- Carlson, Jane E. – Ph.D., 2007
Dissertation: Floral traits, pollinator behavior, and plant reproduction: tests of natural and sexual selection in the hummingbird-pollinated herb *Chrysothemis friedrichsthaliana*
- Paine, C. E. Timothy – Ph.D., 2007
Dissertation: Ecological factors affecting the diversity of tropical tree seedlings
- Reid, Ellen M. – 2007-2009; Ellen chose to end her Ph.D. program in the second year

Degree Completed at an Institution Other Than LSU

Sánchez de Stapf, María – Maestría (USA M.S. equivalent), 2001, Universidad Santa María la Antigua, Panama

Thesis: Estudio sobre la ecología y morfología funcional de *Capparis antonensis* Woodson (Capparaceae)

GRADUATE STUDENT COMMITTEES

Current, at LSU (Department of Biological Sciences, unless otherwise indicated)

Anderson, David – Ph.D. advisee of J. Van Remsen
Bhattacharai, Ganesh – Ph.D. advisee of James T. Cronin
Bravo, Gustavo – Ph.D. advisee of J. Van Remsen
Carmichael, Becky – Ph.D. advisee of William J. Platt
Crandall, Raelene – Ph.D. advisee of William J. Platt
Dillemoth, Forrest – Ph.D. advisee of James T. Cronin
Ferro, Mike – Ph.D. advisee of Chris Carlton, Department of Entomology
Gavilanez, Maria – Ph.D. advisee of Richard D. Stevens
Gibbons, Richard – Ph.D. advisee of J. Van Remsen
Hakes, Alyssa – Ph.D. advisee of James T. Cronin
Jackson, Heather – Ph.D. advisee of James T. Cronin
Kandalepas, Demetra – Ph.D. advisee of William J. Platt
Leichty, Ellen – Ph.D. advisee of William J. Platt
LeJeune, Jason – Ph.D. advisee of David Spivak, Department of Chemistry; Harms serves as Dean's Representative for the Graduate School
McCulloch, Eve – Ph.D. advisee of Richard D. Stevens
Sagot, Maria – Ph.D. advisee of Richard D. Stevens
Tello, Juan Sebastian – Ph.D. advisee of Richard D. Stevens
Terrebonne, Sara – M.S. advisee of John W. Fleeger

Current, at an Institution Other Than LSU

Moraes de Jesus, Flávia – Ph.D. advisee of Alexandre Oliveira, Departamento de Ecologia, Universidade de São Paulo, Brazil

Previous, at LSU (Department of Biological Sciences, unless otherwise indicated)

Bambarger, Raynie – M.S. awarded 2006, advisee of Kenneth M. Brown
Callegan, Ryan – former Ph.D. advisee of Frederick A. Rainey
Carr, Susan – former Ph.D. advisee of William J. Platt
Chappell, James – Ph.D. awarded 2008, advisee of Marc A. Cohn, Department of Plant Pathology
Cramer, Jennifer – Ph.D. awarded 2007, advisee of G. Bruce Williamson
Gagnon, Paul – Ph.D. awarded 2006, advisee of William J. Platt
Haynes, Kyle – Ph.D. awarded 2004, advisee of James T. Cronin
Huffman, Jean – Ph.D. awarded 2006, advisee of William J. Platt
Johnson, David – Ph.D. awarded 2008, advisee of John W. Fleeger
Lawrence, Erin – former Ph.D. advisee of William J. Platt
Maliakal Witt, Satya – Ph.D. awarded 2004, advisee of Julie S. Denslow
McAllister, Chris – former Ph.D. advisee of Tom E. Reagan, Department of Entomology; Harms served as Dean's Representative for the Graduate School
Nabatilan, Marilou – Ph.D. advisee of William M. Moe, Department of Civil & Environmental Engineering; Harms served as Dean's Representative for the Graduate School
Naoki, Kazuya – Ph.D. awarded 2003, advisee of J. Van Remsen
Palasz, Laura – M.S. awarded 2008, advisee of Phil Stouffer, School of Renewable Natural Resources
Radtke, Meghan – Ph.D. awarded 2006, advisee of G. Bruce Williamson
Thaxton, Jarrod – Ph.D. awarded 2003, advisee of William J. Platt

Vargas, Yalma – M.S. awarded 2005, advisee of William J. Platt

STUDENTS SUPERVISED FOR NON-THESIS, NON-DISSERTATION RESEARCH EXPERIENCE

LSU Students

- Aristizabal, Natalia – 2009-2010 (2 semesters) Ronald E. McNair Research Scholar; 2007-2008 (4 semesters) undergraduate research assistant, funded by NSF DEB 0516175
- Bantuelle, Jordan – 2009 (1 semester) undergraduate independent research (BIOL 3999) student
- Browning, Andrew – 2006 (1 semester) undergraduate research student, funded by an LSU Chancellor's Aide Fellowship and by NSF DEB 0516175
- Colosimo, Sarah – 2007 (2 weeks) undergraduate research assistant, funded by NSF DEB 0516175
- Day, Melissa – 2005-2006 (2 semesters) undergraduate research assistant, funded by NSF DEB 0516175
- Emery, Felicia – 2004-2005 (3 semesters) undergraduate research student, funded by the Federal Work-Study Program and by NSF DEB 0516175, and undergraduate independent research (BIOL 3999) student, co-supervised with William J. Platt
- Hobson, Wendy – 2007 (1 summer) research assistant after baccalaureate graduation, funded by NSF DEB 0516175
- Hopkins, Brooke – 2002-2003 (4 semesters) undergraduate research student, funded by an LSU Chancellor's Aide Fellowship
- Kerns, Morgan – 2009 (1 semester) undergraduate research student, funded by an LSU Chancellor's Aide Fellowship
- May, John-Michael – 2004, 2005 (2 semesters) undergraduate independent research (BIOL 3999) student and research assistant after baccalaureate graduation, funded by NSF DEB 0516175
- Norman, Stephanie – 2005-2006 (3 semesters) undergraduate research student, funded by the Federal Work-Study Program and by NSF DEB 0516175
- Onyenekwu, Ikenna – 2007 (1 semester) undergraduate independent research (BIOL 3999) student
- Reed, Getorian – 2006 (1 semester) undergraduate research student, funded by the Federal Work-Study Program and by NSF DEB 0516175
- Savoie, Christian – 2004 (1 semester) research assistant after baccalaureate graduation, co-supervised with William J. Platt
- Truong, Phuong – 2005-2006 (2 semesters) undergraduate research student, funded by the Federal Work-Study Program and by NSF DEB 0516175
- Venigalla, Sirisha – 2002 (1 semester) Master's student research assistant from the Department of Electrical Engineering
- Wallace, Colleen – 2004-2006 (5 semesters) undergraduate research student, funded by the Federal Work-Study Program and by NSF DEB 0516175, and undergraduate independent research (BIOL 3999) student
- Weisenhorn, Pamela – 2004 (1 summer) research assistant after baccalaureate graduation, funded by Kyle E. Harms' faculty start-up package at LSU
- Wilson, Rachanda – 2004 (1 semester) undergraduate independent research (BIOL 3999) student, co-supervised with William J. Platt

Students at Institutions Other Than LSU

- Aizprúa, Rafael – 1994 (1 semester), undergraduate from the Universidad de Panamá, funded by Smithsonian Tropical Research Institute Internship
- Arrocha, María – 1998-1999 (2 years), undergraduate from the Universidad de Panamá, funded by Smithsonian Scholarly Studies Grant
- Peterson, Andrew – 1998 (1 summer), undergraduate from the University of Idaho, funded by Smithsonian Tropical Research Institute Volunteer Program

Thorsos, Eileen – 2002 (1 summer), undergraduate from Swarthmore College, funded by Swarthmore Summer Fellowship
 Wickner, Paige – 1999 (1 semester), undergraduate from Yale University, funded by Smithsonian Tropical Research Institute Volunteer Program

COURSES TAUGHT AT LSU

| Semester | Course title (catalog number) | Number of credit hours¹ | Number of students | Evaluation of K. Harms² / college mean for comparison^{3,4,5,6} |
|--------------------------|---|---|---|---|
| 2009 – Fall | Community Ecology (BIOL 7083) | 3 | 19 graduate | Not yet available |
| 2009 – Fall | R for Ecologists (BIOL 7901) | 1 | 16 graduate | Not applicable |
| 2009 – Fall | Undergraduate Research in Biological Sciences (BIOL 3999) | 2 for Bantuelle | 1 undergrad. | Not applicable |
| 2009 – Spring | Conservation Biology (BIOL/ENTM 4015, Communication Intensive; BIOL 4800) | BIOL 4015 = 4; BIOL 4800 = 3 | BIOL/ENTM 4015 = 26 undergrad.; BIOL 4800 = 16 undergrad. | 3.80 ² / 3.48 ⁴ 3.71 ² / 3.48 ⁴ |
| 2007 – Fall | Biology for Science Majors II (BIOL 1202) | 3 | 241 undergrad. | 3.40 ² / 3.26 ³ |
| 2007 – Fall | Community Ecology (BIOL 7083) | 3 | 13 graduate | 3.85 ² / 3.76 ⁵ |
| 2007 – Summer | Undergraduate Research in Biological Sciences (BIOL 3999) | 3 for Onyenekwu | 1 undergrad. | Not applicable |
| 2007 – Spring | Biology for Science Majors II (BIOL 1202) | 3 | 254 undergrad. | 3.62 ² / 3.28 ³ |
| 2006 – Fall | Biology for Science Majors II (BIOL 1202) | 3 (2 team-taught sections) | 228 (Sec. 2) 210 (Sec. 3) | 3.32 ² / 3.27 ³ 3.42 ² / 3.27 ³ |
| 2006 – Fall | Current Controversies in Ecology (BIOL 7901) | 1 | 22 graduate | Not applicable |
| 2005 – Fall ⁷ | Biology for Science Majors II (BIOL 1202) | 3 | 197 undergrad. | 9.293 ² / 7.608 ³ |
| 2005 – Fall ⁷ | Community Ecology (BIOL 7083) | 3 | 16 graduate | 9.556 ² / 8.876 ⁵ |
| 2005 – Spring | Biology for Science Majors II (BIOL 1202) | 3 | 234 undergrad. | 8.359 ² / 7.550 ³ |
| 2005 – Spring | Undergraduate Research in Biological Sciences (BIOL 3999) | 2 for Emery 2 for Wallace | 2 undergrad. | Not applicable |
| 2004 – Fall | Community Ecology (BIOL 7083) | 3 | 15 graduate | 9.333 ² / 8.741 ⁵ |
| 2004 – Fall | Undergraduate Research in Biological Sciences (BIOL 3999) | 2 for Emery | 1 undergrad. | Not applicable |
| 2003 – Fall | Community Ecology (BIOL 7083) | 3 | 13 graduate | 8.667 ² / 7.813 ⁶ |
| 2003 – Fall | Developmental Plasticity and Evolution | 1 | 12 graduate; 1 undergrad. | Not applicable |

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|---------------|--------------------------------|---|----------------|---|
| 2003 – Fall | (BIOL 7901) General Biology | 3 | 214 undergrad. | 8.571 ² / 7.813 ⁶ |
| 2003 – Spring | (BIOL 1002) General Biology | 3 | 215 undergrad. | 8.750 ² / 7.962 ⁶ |
| 2002 – Spring | (BIOL 1002) General Biology | 3 | 90 undergrad. | 8.990 ² / 7.686 ⁶ |

¹Full names of students listed can be found under *Students Supervised for Non-Thesis, Non-Dissertation Research Experience*

²Based on 10-point scale (prior to and including 2005) or 4-point scale (after 2005)

³College of Basic Sciences introductory-level undergraduate courses mean for all instructors; ⁴college upper-level undergraduate courses mean; ⁵college graduate courses mean; ⁶college all courses mean

⁷Received Commendation for Excellence in Teaching from Dean of College of Basic Sciences for Fall 2005

INFORMAL TEACHING AT LSU

2004-present Maintained near-weekly lab-group meetings during most semesters to discuss current topics in ecology and evolutionary biology

2002-2004 Initiated and oversaw Ecolunch – a near-weekly discussion group of mostly graduate students and faculty with interests in evolutionary, population, and community ecology

TEACHING & EDUCATIONAL OUTREACH PRIOR TO & AWAY FROM LSU

2009 Led interactive, natural-history-based educational activity for Girl Scouts and families at Camp Whispering Pines, Louisiana: Fall Festival, Nov. 7, >400 participants

2009 Interviewed by University Laboratory School 5th grade students re rainforests, Baton Rouge, LA (May 4)

2008 Resource Person for one week of a graduate-level tropical biology field course, Organization for Tropical Studies, OTS 08-1, Las Cruces, Costa Rica

2007 Led interactive, natural-history-based educational activities for Girl Scouts and families at Camp Whispering Pines, Louisiana: (1) Arbor Day, Feb. 3, >300 participants; (2) Girl Fest, May 19, >800 participants (see photo of KEH, pg. 12, *Girl Scout Council of Southeast Louisiana Volunteer Information Post*, Summer 2007)

2006 Led interactive, natural-history-based educational activities for Girl Scouts and families at Camp Whispering Pines, Louisiana: (1) Arbor Day, Feb. 4, >500 participants; (2) Fall Festival, Oct. 28, >1300 participants

2004 Invited instructor for one week of a graduate course in tropical forest diversity and dynamics, “Tópicos en Biología,” Universidad de Puerto Rico, Río Piedras, Puerto Rico

2001 Consultant and instructor for two-week tropical biology field course held in Panama for Union College, Schenectady, NY

2000 Lecturer featured on interactive, educational software, *Conundrum of Coexistence*, produced by the Open University, Milton Keynes, United Kingdom

1998 Resource Person for one week of a graduate-level tropical biology field course, Organization for Tropical Studies, OTS 98-1, Corcovado National Park, Costa Rica

1997 Instructor for two-day biostatistics workshop, Universidad de Panamá, Panama

1997 Instructor for three-day tropical biology field course, Universidad Autónoma de Chiriquí, Las Nubes, Panama

1996 Academic Director and Instructor for one-semester tropical biology and conservation course, Council on International Educational Exchange, Monteverde, Costa Rica

1994, 1997 Instructor for tropical biology field courses, two days each, Universidad de Panamá, Panama

1990-1996 Assistant in Instruction in the Department of Ecology and Evolutionary Biology, Princeton University: Animal Behavior (Dr. Daniel I. Rubenstein), Animal Behavior Laboratory (Dr. James L. Gould), Empirical Population Biology (Dr. Henry S. Horn), Introductory Biology Laboratory, Junior-level Statistics Tutorial (Dr. James L. Gould)

PROFESSIONAL SERVICE

INVITED MEMBER OF ADVISORY BOARDS, EDITORIAL BOARDS & GRANT REVIEW PANELS

- 2008 Member of Ecology Grant Review Panel for the National Science Foundation (April)
2004 Member of Doctoral Dissertation Improvement Grant Review Panel for the National Science Foundation (Feb.)

AD HOC REVIEWER FOR FEDERAL (USA) GRANTING AGENCIES (25 invitations accepted)

Department of Agriculture – Biology of Weedy & Invasive Plant Program (3); National Science Foundation (NSF) – Ecological Biology (11); NSF – International Research Experiences for Students; NSF – International Research Fellowship Program; NSF – Long-term Research in Environmental Biology (5); NSF – Population & Community Ecology (1); NSF – Population & Evolutionary Processes (3)

AD HOC REVIEWER FOR OTHER GRANTING AGENCIES & PROGRAMS (21 invitations accepted)

Center for Tropical Forest Science (18); Natural Environment Research Council, UK (2); Netherlands Organisation for Scientific Research

AD HOC REVIEWER FOR PROFESSIONAL JOURNALS (88 invitations accepted)

Acta Oecologica; American Journal of Botany; American Naturalist (3); Auk; Basic & Applied Ecology; Biotropica (10); Botanical Journal of the Linnean Society; Caldasia; Canadian Journal of Botany; Canadian Journal of Forest Research; Caribbean Journal of Science; Community Ecology; Ecography; Ecological Monographs; Ecology (16); Ecology Letters (4); Ecoscience; Forest Ecology & Management; Frontiers in Ecology & the Environment; Functional Ecology; Journal of Biogeography; Journal of Ecology (13, excluding manuscripts handled as Associate Editor); Journal of Theoretical Biology; Journal of Tropical Ecology (6); Journal of Vegetation Science (3); Oecologia (5); Oikos; Ornitología Neotropical; Perspectives in Plant Ecology, Evolution & Systematics; Philippine Agricultural Scientist; Plant Ecology (2); Proceedings of the National Academy of Sciences; Science; Texas Journal of Science; Vegetatio

AD HOC REVIEWER FOR PUBLISHERS AND EDITORS (7 invitations accepted)

CABI International, UK (reviewed chapter of edited book); Ediciones LUR, Costa Rica (reviewed chapter of edited book); Elsevier (reviewed proposal for textbook); John Wiley & Sons (featured Specialized Consultant for reviewing textbook chapters; see pg. ix, Alters & Alters, 2006, *Biology: Understanding Life*); McGraw-Hill (reviewed textbook chapters for two different textbooks; see pg. xi, Brooker *et al.* 2008, *Biology*; see pg. ix, Raven *et al.* 2008, *Biology 8th Edition*); University of Chicago Press (reviewed chapter of edited book)

SYMPOSIUM ORGANIZER & MEETING SESSION CHAIR

- 2005 Co-organized (but could not attend) symposium with principal organizer Sean C. Thomas: “Comparative Ecology of Tropical Trees: Linking Physiology to Dynamics and Distributions,” Ecological Society of America / International Congress of Ecology, Montreal, Canada
2003 Co-organized & co-chaired symposium with James W. Dalling: “Ecological Consequences of Variation in Seed Size in Tropical Forests,” Association for Tropical Biology and Conservation, Aberdeen, Scotland
2000 Chaired session: “Community Ecology and Tropical Biology,” Evolution Society / Association for Tropical Biology, Bloomington, IN
1998 Organized & chaired symposium: “Processes that structure and maintain diversity in communities of tropical trees,” International Congress of Ecology, Florence, Italy

INVITED UNIVERSITY & RESEARCH INSTITUTION SEMINARS

- 2009 Department of Biological Sciences, University of Southern Mississippi, Hattiesburg, MS (Feb. 6)
- 2008 Department of Botany & Institute for Advanced Study, La Trobe University, Bundoora, Australia (Oct. 22)
 Department of Zoology, University of Melbourne, Melbourne, Australia (Oct. 7)
 Departamento de Ecologia, Universidade de São Paulo, São Paulo, Brazil (Aug. 11)
 Department of Botany, University of Florida, Gainesville, FL – invited by the graduate students (April 2)
- 2007 Department of Biological Sciences, Loyola University, LA (Nov. 27)
 Department of Biology & Whitney R. Harris World Ecology Center, University of Missouri, St. Louis, MO (Oct. 4)
 Department of Biological Sciences, Louisiana State University, LA (Jan. 22; tenure seminar)
- 2006 Department of Ecology & Evolutionary Biology, University of Arizona, Tucson, AZ (Nov. 20)
 Department of Biology, New Mexico State University, Las Cruces, NM (Oct. 5)
 Department of Biological Sciences, University of Arkansas, Fayetteville, AR (March 30)
- 2005 Department of Biological Sciences, Southeastern Louisiana University, Hammond, LA (Sept. 16)
 Department of Plant Pathology & Crop Physiology, Louisiana State University, Baton Rouge, LA (Sept. 7)
- 2004 Institute for Tropical Ecosystems Studies, University of Puerto Rico, Río Piedras, Puerto Rico
 Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil
- 2003 Department of Biological Sciences, University of New Orleans, New Orleans, LA
 Department of Zoology, University of Oklahoma, Norman, OK
- 2002 Environmental Lecture Series, Louisiana State University, Baton Rouge, LA
 Museum of Natural Science Louisiana State University, Baton Rouge, LA
 Department of Ecology & Evolutionary Biology, Rice University, Houston, TX
- 2001 Department of Biology, Union College, Schenectady, NY
- 2000 Department of Biological Sciences, Louisiana State University, Baton Rouge, LA
 Department of Biological Sciences, Mississippi State University, Starkville, MS
 Smithsonian Tropical Research Institute, Panama City, Panama
 Department of Ecology & Evolutionary Biology, Tulane University, New Orleans, LA
 Department of Ecology, Evolution & Marine Biology, University of California, Santa Barbara, CA
 Department of Ecology & Evolutionary Biology, University of California, Santa Cruz, CA
 Department of Botany, University of Vermont, Burlington, VT
- 1999 School of Tropical Biology, James Cook University, Cairns, Australia
 School of Biological Sciences, Monash University, Melbourne, Australia
 Tropical Forest Research Centre, Atherton, Australia

INVITED PRESENTATIONS AT PROFESSIONAL MEETINGS

- 2008 Harms, Kyle E, James W. Dalling, María Sanchez de Stapf & Robert Pearcy. Trading off light-capture efficiency for increased nutrient uptake in a Panamanian litter-trapping tree: *Quadrella antonensis*. Association for Tropical Biology & Conservation, Paramaribo, Suriname (June; invited, but presented in a different session).
- 2005 Harms, Kyle E. & CTFS Working Group. Habitat associations around the globe. Center for Tropical Forest Science Symposium, Panama City, Panama.
- 2003 Harms, Kyle E. The evolution of extreme seed size in tropical trees and lianas. Association for Tropical Biology and Conservation, Aberdeen, Scotland.
- 2002 Harms, Kyle E. Compositional and structural variation of understories within and among four Neotropical forests and the relationship with woody plant regeneration. Association for Tropical Biology, Panama City, Panama.

1998 Harms, Kyle E. Pervasive seed-dispersal limitation and negative density-dependent seed-to-seedling transitions in a Neotropical tree community. International Congress of Ecology, Florence, Italy.

Harms, Kyle E. & S. Joseph Wright. Pervasive seed-dispersal limitation and negative density-dependent seed-to-seedling transitions in the forest on Barro Colorado Island, Panama. Center for Tropical Forest Science Symposium, Washington, DC.

CONTRIBUTED PRESENTATIONS AT PROFESSIONAL MEETINGS

^{LSU-G} = LSU graduate student in my group; ^{LSU-P} = LSU post-doc in my group

2009 Myers, Jonathan A.^{LSU-G} (presenter) & Kyle E. Harms. Rainfall, disturbance, and seed arrival interact to assemble high-diversity pine savannas. Ecological Society of America, Albuquerque, NM (Aug.)

2008 Bravo, Adriana^{LSU-G} (presenter), Kyle E. Harms, Richard Stevens & Louise Emmons. *Collpas*: Activity hotspots for frugivorous bats (Phyllostomidae) in the Peruvian Amazon. Association for Tropical Biology & Conservation, Paramaribo, Suriname (June).

Myers, Jonathan A.^{LSU-G} (presenter) & Kyle E. Harms. Competition and recruitment limitation in high-diversity pine savanna: Mechanistic effects of dominant species. Ecological Society of America, Milwaukee, WI (Aug.)

Paine, C. E. Timothy^{LSU-G} (presenter) & Kyle E. Harms. Water availability, species ranges, and the local tree diversity of a tropical forest. Association for Tropical Biology & Conservation, Paramaribo, Suriname (June).

2007 Paine, C. E. Timothy^{LSU-G} (presenter) & Kyle E. Harms. What shapes tropical seedling community structure? Seed dispersal versus environmental conditions. Ecological Society of America, San Jose, CA (Aug.).

Passmore, Heather A.^{LSU-P}, Kyle E. Harms, William J. Platt, Jonathan A. Myers^{LSU-G} & Paul R. Gagnon^{LSU-P}. Influences of fire intensity on vegetation cover and local biodiversity in species-rich pine savanna groundcover (poster). Ecological Society of America, San Jose, CA (Aug.).

Tongco, Ma. Dolores C. (presenter), Daniel A. Lagunzad, Leonardo L. Co, Kyle E. Harms, Richard Condit & Pamela Hall. Habitat associations of the trees in a 16-hectare permanent plot in Palanan, Isabela, Philippines. The Inaugural Conference of the Asian Chapter of the Association for Tropical Biology & Conservation, Mahabalipuram, India (March).

2006 Harms, Kyle E., William J. Platt & Heather A. Passmore^{LSU-P}. Ecological conditions influencing seedling recruitment of longleaf pine (*Pinus palustris*) in a restored pine savanna. Ecological Society of America, Memphis, TN (Aug.).

Paine, C. E. Timothy^{LSU-G} (presenter) & Kyle E. Harms. Supplemental watering boosts seedling growth, survival, and diversity in a tropical moist forest. Ecological Society of America, Memphis, TN (Aug.).

Strong, Aaron L., Alexander R. Barron, S. Joseph Wright, Kyle E. Harms, Joseph B. Yavitt & Lars O. Hedin. Litter chemistry controls on heterotrophic nitrogen fixation in a lowland tropical forest, Panama (poster). Ecological Society of America, Memphis, TN (Aug.).

Bravo, Adriana^{LSU-G} & Kyle E. Harms. *Collpas*: Activity hotspots of frugivorous bats (Phyllostomidae) in the Peruvian Amazon (poster). American Society of Mammalogists, Amherst, MA (June).

2005 John-Chandran, Robert (invited presenter), James Dalling, Kyle Harms, Joseph Yavitt, Robert Stallard, Richard Condit, Stephen Hubbell, Matthew Mirabello, Hugo Navarrete, Renato Valencia & Elizabeth Losos. Tree distributions and the distributions of soil-borne resources in two Neotropical plots. Center for Tropical Forest Science Symposium, Panama City, Panama.

Mello, Thayná J., Alexandre A. de Oliveira & Kyle E. Harms. Spatial pattern and habitat affinity of a new species of Violaceae in a central Amazonian forest (poster). Association for Tropical Biology and Conservation, Uberlandia, Brazil.

- Muller-Landau, Helene (invited presenter), Richard S. Condit, Kyle E. Harms and the CTFS Working Group. Scaling of demographic rates and tree size distributions in tropical forests. Center for Tropical Forest Science Symposium, Panama City, Panama.
- Mullins, Chris, Robert Stallard, Carlos Sanchez, Nancy Hoalst-Pullen, Jim Dalling, Kyle Harms & Bettina Engelbrecht. Development of a protocol to characterize soil drought stress for use in within- and among-site comparisons of the CTFS forest dynamics plots (poster). Center for Tropical Forest Science Symposium, Panama City, Panama.
- Paine, C. E. Timothy^{LSU-G} & Kyle Harms. Restricted zones of influence limit competition among the seedlings of a species of rainforest tree (poster). Ecological Society of America / International Congress of Ecology, Montreal, Canada.
- Queenborough, Simon A., David F. R. P. Burslem, Nancy C. Garwood, Kyle E. Harms, Richard Condit & Renato Valencia. Sex expression and microhabitat distributions of 16 species of dioecious Myristiaceae (nutmegs) in Amazonian Ecuador. British Ecological Society, Hatfield, U.K.
- Queenborough, Simon A. (invited presenter), David F. R. P. Burslem, Nancy C. Garwood, Kyle E. Harms, Richard Condit & Renato Valencia. Sex expression and microhabitat distributions of 16 species of dioecious Myristiaceae (nutmegs) in Amazonian Ecuador. Center for Tropical Forest Science Symposium, Panama City, Panama.
- 2004 Harms, Kyle E. Non-random topographic associations of tree species in tropical forests. Ecological Society of America, Portland, OR.
- Kaspari, Michael (presenter), Joe Wright, Joe Yavitt, Kyle Harms & Mirna Santana. Nutrient supply and the structure and function of tropical brown food webs. Ecological Society of America, Portland, OR.
- Oliveira, Alexandre A., Kyle E. Harms & Elizabeth C. Losos. A new forest dynamics plot in the central Amazon: Topography and richness estimates (poster). Center for Tropical Forest Science Symposium, Taipei, Taiwan.
- 2003 Powers, Jennifer S., Rebecca Montgomery, Saara DeWalt, Jerome Chave, Erika Deinert, Jörg Ganzhorn, Jose Antonio Gonzalez, Ricardo Grau, Kyle Harms, Ankila Hiremath, Silvia Iriarte, Helene Muller-Landau, Alexandre de Oliveira, Lourens Poorter, Carl Salk, Amanda Varela, George Weiblen & Manuel Lerdau. The joint influences of climate, litter quality, and soil fauna in regulating above- and belowground decomposition – a pan-tropical study (poster). American Geophysical Union, San Francisco, CA.
- 2002 Gunatilleke, C. V. Savi (invited presenter), Shameema Esufali, I. A. U. Nimal Gunatilleke, Kyle E. Harms & David Burslem. Species-habitat associations in the Sinharaja Rain Forest, Sri Lanka. Association for Tropical Biology, Panama City, Panama.
- Yavitt, Joseph B., S. Joseph Wright & Kyle E. Harms. Soil nutrient and fine root response to fertilization of a tropical moist forest in the central lowlands of Panama (poster). Association for Tropical Biology, Panama City, Panama.
- 2000 Harms, Kyle E. Habitat associations of tropical trees and shrubs within a 50-ha forest plot in Panama. Ecological Society of America, Snowbird, UT.
- Harms, Kyle E. Habitat associations of tropical trees and shrubs within a 50-ha forest plot in Panama. Evolution Society / Association for Tropical Biology, Bloomington, IN.
- 1994 Harms, Kyle E. & James W. Dalling. Effects of cotyledon removal and depth of burial on germination, seedling size and resprouting ability of large-seeded rain forest trees. Association for Tropical Biology / Society for Conservation Biology, Guadalajara, Mexico.
- 1993 Harms, Kyle E., Alan P. Smith & Gregory S. Gilbert. Tree species' distributions, soil nutrients and understory light regime: relationships with topography in a lowland moist forest in Panama (poster). Association for Tropical Biology, San Juan, Puerto Rico.
- 1992 Harms, Kyle E. A Markovian model of bruchid beetles infesting palms of the Gatun Lake islands of Panama (poster). International Behavioral Ecology Congress, Princeton, NJ.

INVITED GUEST LECTURES

- 2009 University Methodist Preschool, Baton Rouge, LA (April 22)
- 2008 La Trobe University, Bundoora, Australia – Introductory R computing session for Plant Ecology students (Nov. 12)
- 2007 Louisiana State University Science Club (April 17)
Louisiana State University, Baton Rouge, LA – Tropical Ecology (BIOL 7001; April 17)
- 2005 Department of Physics & Astronomy, Louisiana State University, Baton Rouge, LA –
Saturday Science Lecture for local high schools
- 2003 Beta Beta Beta Biological Honor Society, Louisiana State University, Baton Rouge, LA
- 2002 New Orleans Chapter of the Society for Conservation Biology, New Orleans, LA
Louisiana State University, Baton Rouge, LA – Tropical Ecology (BIOL 7001)
Smithsonian Tropical Research Institute – field course held in Panama
- 2001 Cornell University, Ithaca, NY – Tropical Ecosystems
Hartley-Melvin-Sanborn Middle School, Sanborn, IA
- 2000 Orangewood Retirement Community, Phoenix, AZ
- 1999 Smithsonian Tropical Research Institute, Barro Colorado Island, Panama
Hartley-Melvin-Sanborn Elementary School, Hartley, IA
- 1998 McKinley Elementary School, Estherville, IA
Princeton University – field course held in Panama
- 1997 Friends of Princeton Open Space, Princeton, NJ
- 1995 Smithsonian Tropical Research Institute, Barro Colorado Island, Panama
- 1984 Iowa Great Lakes Rotary Club, Spirit Lake, IA

PROFESSIONAL MEMBERSHIPS

- Association for Tropical Biology & Conservation
- British Ecological Society
- Ecological Society of America
- Organization for Tropical Studies

LOUISIANA STATE UNIVERSITY SERVICE

LSU Department of Biological Sciences – Member of Departmental Committees & Other Service

- Current (since 2008) Chair of Pre-tenure Mentoring Committee for Dr. Bret D. Elderd
- Current (since 2003) Member of Endowment Funds Committee
- 2007-2009 (2-yr term) Representative on the Departmental Executive Committee from the
Division of Systematics, Ecology & Evolution
- 2007-2008 Chair of Quantitative Ecology Faculty Search Committee
- 2007 Invited participant of Student Awards Committee to select awardees (Feb. 23)
- 2007 Judge of oral session for 9th Annual Graduate Student Symposium (Nov. 7)
- 2006 Departmental representative at College of Basic Sciences Spring Diploma Ceremony
- 2006 Member of *ad hoc* sub-committee to evaluate restructuring Biological Sciences
- 2004-2005 Member of Microbial Ecology & Evolution Faculty Search Committee
- 2004 Member of Departmental Chairman Search Committee
- 2003-2006 Member of Graduate Recruiting Committee
- 2003-2004 Member of Evolutionary Development Faculty Search Committee
- 2003 Member of *ad hoc* committee to evaluate a graduate student's progress in BIOL 7152
- 2003 Member of Long-Range Planning Committee for the Division of Systematics, Ecology &
Evolution
- 2002 Initiated and coordinated "Video Nights with David Attenborough", fortnightly educational,
extracurricular video presentations for students in Biological Sciences

LSU Department of Biological Sciences – Host for Departmental Guests

- 2009 Invited and hosted Museum of Natural Science seminar speaker Dr. W. Douglas Robinson,
Oregon State University, April 17

- 2009 Invited and hosted guest seminar speaker Dr. Tara Rodden Robinson, Oregon State University, April 17
- 2009 Co-nominated and co-hosted (with Adriana Bravo) departmental seminar speaker Dr. John W. Terborgh, Duke University, Feb. 16
- 2008 Invited and hosted departmental seminar speaker Dr. James W. Dalling, University of Illinois, April 11
- 2008 Hosted prospective undergraduates in my lab for Chancellor's Scholars Day, Feb. 22
- 2008 Nominated and hosted departmental seminar speaker Dr. Jonathan M. Levine, University of California at Santa Barbara, Jan. 28
- 2007 Hosted reception for interview candidate for Quantitative Ecology faculty position
- 2007 Nominated and hosted departmental seminar speaker Dr. Charles Allen, University of Louisiana at Monroe, Nov. 26
- 2007 Hosted Visiting Professor and guest seminar speaker Dr. Peter T. Green, La Trobe University (Bundoora, Australia), Nov. 14 - Dec. 14
- 2006 Nominated and hosted departmental seminar speaker Dr. Robert E. Ricklefs, University of Missouri at St. Louis
- 2006 Hosted Visiting Professor Dr. Alexandre Adalardo de Oliveira, Universidade de São Paulo (São Paulo, Brazil), Feb. 2 - May 15
- 2005 Served as faculty advisor and host for one semester to Ivan Soto-Calderon, a Ph.D. graduate student displaced from the University of New Orleans by Hurricane Katrina
- 2004 Hosted combined reception for interview candidates for Landscape Ecology and Cellular Development faculty positions
- 2004 Invited and hosted Ecolunch speaker Dr. Martin Burd, Monash University (Melbourne, Australia)
- 2004 Invited and hosted guest seminar speaker Dr. Charles E. Zartman, Duke University
- 2004 Nominated and hosted departmental seminar speaker Dr. Thomas G. Whitham, Northern Arizona University
- 2003 Hosted reception for interview candidate for Evolutionary Development faculty position
- 2003 Invited and hosted Dr. Mary Jane West-Eberhard and Dr. William G. Eberhard, Smithsonian Tropical Research Institute, for an evening graduate discussion session
- 2002 Nominated and hosted departmental seminar speaker Dr. Michael Kaspari, University of Oklahoma
- 2002 Hosted reception for interview candidate for Microbial Ecology & Evolution faculty position

LSU College of Basic Sciences

- 2008 Member of College Committee for the Non-Tenured Faculty Research Award
- 2007 Invited member of platform party for College of Basic Sciences Diploma Ceremony, May 18
- 2003, 2007 Advisor for Fall Testing, Advising, and Scheduling for Freshman Enrollment
- 2003 College representative to assess the White Lake Preservation Area, LA for use in teaching and research
- 2002, 2004, 2009 Advisor for Spring Testing, Advising, and Scheduling for Freshman Enrollment

LSU University-Wide

- Current (since 2009) Delegate (one of two) to the Assembly of Delegates of the Organization for Tropical Studies, of which LSU is a member institution
- Current (since 2009) Member of Communication across the Curriculum (CxC) Advisory Council
- Current (since 2007) Liaison for LSU to the Southeastern Louisiana Ecology & Evolutionary Biology (SLEEB) Group
- 2005 Co-nominated and co-hosted (with Dr. William J. Platt) Dr. Joseph H. Connell's Chancellor's Distinguished Lectureship
- 2003 Nominated and hosted Dr. Stephen P. Hubbell's Chancellor's Distinguished Lectureship

2002-2006 LSU Chapter of Sigma Xi Executive Committee (2002-2003 Secretary; 2003-2004 Vice President and member of Admissions Committee; 2004-2005 President; 2005-2006 Past President)