

John P. DeLong
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Academic Positions

Assistant Professor – School of Biological Sciences, <i>University of Nebraska</i> , Lincoln, Nebraska	2012 – present
Postdoctoral associate – Department of Ecology and Evolutionary Biology, <i>Yale University</i> , New Haven, Connecticut	2009 – 2012

Education

Ph.D. in Biology – <i>University of New Mexico</i> , Albuquerque, New Mexico Advised by David T. Hanson and James H. Brown	2005 - 2009
M.S. in Biology – <i>Utah State University</i> , Logan, Utah Advised by James A. Gessaman	1997 - 1999
B.A. in Environmental Science – <i>University of Virginia</i> , Charlottesville, Virginia	1989 – 1991
<i>University of Maryland</i> – Munich Campus, Munich, Germany	1987 – 1989

Articles in review or preparation

Gibert, J.P.¹, M.C. Chelini¹, M. Rosenthal¹, and J.P. **DeLong**. *In revision*. Regime shifts: the temperature dependence of animal movement and its ecological consequences. (Effort 10%)

DeLong, J.P. and 7 others. *In revision*. How fast is fast? Eco-evolutionary dynamics and rates of change in populations and phenotypes. (Effort 40%)

DeLong, J.P., T.C. Hanley, J.P. Gibert¹, L. Puth, and D. Post. *In review*. Individual variation and multiple pathways to community stability. (Effort 60%)

Cheung, Z., J.P. **DeLong**, and D.A. Vassuer. *In review*. Environmental variability, species richness, and dynamics in synthetic communities of microbial competitors. (Effort 25%)

Hanley, T., L. Puth, J.P. **DeLong**, D. Post. *In review*. Effects of intraspecific diversity in a consumer on consumer-resource dynamics and ecosystem function. (Effort 15%)

DeLong, J.P. and J.P. Gibert¹. *In review*. Gillespie eco-evolutionary models (GEMs) reveal the role of variance in eco-evolutionary dynamics. (Effort 80%)

Burger, O., and J.P. **DeLong**. *In review*. What if fertility decline isn't permanent? The need for an evolutionarily-informed approach to low and very low fertility. (Effort 10%)

Gibert, J.P.¹, and J.P. **DeLong**. *In prep*. Individual variation influences functional responses in cyclops. (Effort 10%)

DeLong, J.P., C.E. Brassil, E.K. Erickson², V.E. Forbes, E.N. Moriyama, W.R. Riekhof. *In prep*. Breaking the temperature-size rule with dynamic thermal reaction norms and body size oscillations. (Effort 50%)

¹ Graduate student

² Undergraduate student researcher

Peer-reviewed articles

In press or online early

49. Kalinoski, R.M.², and J.P. **DeLong**. *In press*. Beyond body size: how prey traits improve predictions of functional response parameters. *Oecologia* (Effort 50%)

2015

48. **DeLong**, J.P. and M. Walsh. 2015. The interplay between resource supply and demand determines the influence of predation on prey body size. *Canadian Journal of Fisheries and Aquatic Sciences* 72:1-7 (Effort 85%)
47. Gibert, J.P.¹, A.I. Dell, J.P. **DeLong**, and S. Pawar. 2015. Scaling up trait variation from individuals to ecosystems. *Advances in Ecological Research* 52:45-64 (Effort 10%)
46. Gibert, J.P.¹ and J.P. **DeLong**. 2015. Individual variation decreases interference competition among predators but increases species persistence. *Advances in Ecological Research* 52:1-17 (Effort 20%)
45. **DeLong**, J.P. and O. Burger. 2015. Socio-economic instability and the scaling of energy use with population size in humans. *PLoS One* 10: e0130547 (Effort 60%)
44. **DeLong**, J.P.³, and ten others. 2015. The body size dependence of trophic cascades. *American Naturalist* 185:354-366 (Effort 75%)

2014

43. Novich, R.², E.K. Erickson², R.M. Kalinowski², and J.P. **DeLong**. 2014. The temperature-independence of interaction strength in a sit-and-wait predator. *Ecosphere* 5(1):137 (Effort 40%)
42. La Sorte, F., D. Fink, W.M. Hochachka, J.P. **DeLong**, and S. Kelling. 2014. Spring phenology of ecological productivity contributes to the use of looped migration-strategies by birds. *Proceedings of the Royal Society of London B*. 1793:20140984 (Effort 5%)
41. Gibert, J.P.¹ and J.P. **DeLong**. 2014. Temperature alters predator prey size scalings. *Biology Letters*. 10:20140473. (Effort 20%)
40. **DeLong**, J.P. 2014. The body size dependence of mutual interference. *Biology Letters*. 10:20140261. (Effort 100%)
39. Gilbert, B.³, T.D. Tunney, K.S. McCann, J.P. **DeLong**, and twelve others. 2014. A bioenergetic framework for the temperature dependence of trophic interaction strength. *Ecology Letters*. 17:902-914. (Effort 5%)
38. Vasseur, D.A.³, J.P. **DeLong**, and seven others. 2014. Increased temperature variation poses a greater risk to species than climate warming. *Proceedings of the Royal Society of London B*. 281:20143612. (Effort 5%)
37. **DeLong**, J.P., T.C. Hanley, and D.A. Vasseur. 2014. Predator-prey dynamics and the plasticity of predator body size. *Functional Ecology*. 28:487-493. (Effort 85%)
36. **DeLong**, J.P., T.C. Hanley, and D.A. Vasseur. 2014. Competition and the density dependence of metabolic rates. *Journal of Animal Ecology*. 83:51-58. (Effort 85%)

2013

35. **DeLong**, J.P. and T.C. Hanley. 2013. The rate-size trade-off structures intraspecific variation in *Daphnia ambigua* life history parameters. *PLoS One* 8:e81024. (Effort 65%)
34. **DeLong**, J.P. and D.A. Vasseur. 2013. Linked exploitation and interference competition drives the variable behavior of a classic predator-prey system. *Oikos*. 122:1393-1400. (Effort 90%) ** **Designated 'Editor's Choice'**. ** **Featured in predator-prey blog [here](#)**.

³ Paper from NCEAS working group on the effects of warming on food webs

33. La Sorte, F., D. Fink, W.M. Hochachka, J.P. **DeLong**, and S. Kelling. 2013. Population-level scaling of avian migration speed with body size and migration distance for powered fliers. *Ecology*. 94:1839-1847. (Effort 5%)
32. **DeLong**, J.P., O. Burger, and M.J. Hamilton. 2013. The UN medium population projection is an unstable equilibrium. *Frontiers in Ecology and the Environment*. 11:65-66. (Effort 85%)
31. **DeLong**, J.P., N.S. Cox, S.W. Cox, Z. M. Hurst, and J.P. Smith. 2013. DNA sequencing reveals patterns of prey selection in migrating Sharp-shinned Hawks. *Condor*. 115:40-46. (Effort 80%)

2012 (arrival at UNL)

30. **DeLong**, J.P. and D.A. Vasseur. 2012. Size-density scaling in protists and the links among consumer-resource interaction parameters. *Journal of Animal Ecology*. 81:1193-1201. (Effort 90%)
29. **DeLong**, J.P. 2012. Experimental demonstration of a rate-size trade-off governing body size optimization. *Evolutionary Ecology Research*. 14:343-352. (Effort 100%)
28. Walsh, M.R., J.P. **DeLong**, T.C. Hanley, D.M. Post. 2012. A cascade of evolutionary change alters consumer-resource dynamics and ecosystem function. *Proceedings of the Royal Society of London B*. 279:3184-3192. (Effort 5%) ** **News focus in [Science](#) and [Science Daily](#)**.
27. **DeLong**, J.P. and D.A. Vasseur. 2012. A dynamic explanation of size-density scaling in carnivores. *Ecology*. 93:470-476. (Effort 90%)
26. **DeLong**, J.P. and D.A. Vasseur. 2012. Coexistence via resource partitioning fails to generate an increase in function. *PLoS One*. 7:e30081. (Effort 90%)
25. Smith, J.P., J. P. **DeLong**, L.L. Leppert, S.L. Stock, G.S. Kaltenecker, and J.D. Carlisle. 2012. Morphometric variation in Flammulated Owls captured during autumn migration in the western United States. *Journal of Raptor Research*. 43:108-119. (Effort 20%)

2011

24. **DeLong**, J.P. and D.T. Hanson. 2011. Warming alters density dependence, energetic fluxes, and population size in a model algae. *Ecological Complexity*. 8:320-325. (Effort 85%)
23. Burger, O., J. P. **DeLong**, and M.J. Hamilton. 2011. Industrial energy use and the human life history. *Scientific Reports*. 1:56. (Effort 25%)
22. **DeLong**, J.P. 2011. Energetic inequivalence in eusocial insect colonies. *Biology Letters*. 7(4):611-614. (Effort 100%)
21. **DeLong**, J.P. and D.A. Vasseur. 2011. Mutual interference is common and mostly intermediate in magnitude. *BMC Ecology* 11:1. (Effort 75%)
20. Brown, J.H., W.R. Burnside, A.D. Davidson, J.P. **DeLong**, W.C. Dunn, M.J. Hamilton, J.C. Nekola, J.G. Okie, N. Mercado-Silva, W.H. Woodruff, W. Zuo. 2011. Energetic limits to economic growth. *BioScience* 61:19-26. ** **Must read at Faculty of 1000**. (Effort 5%)
19. Anderson-Teixeira, K.J., J.P. **DeLong**, A.M. Fox, D.A. Brese, and M.E. Litvak. 2011. Differential responses of production and respiration to temperature and moisture drive the carbon balance across a climatic gradient in New Mexico. *Global Change Biology*. 17:410-424. (Effort 25%)

2010

18. **DeLong**, J.P., J.G. Okie, M.E. Moses, R.M. Sibly, and J.H. Brown. 2010. Shifts in metabolic scaling, production, and efficiency across major evolutionary transitions of life. *Proceedings of the National Academy of Sciences of the USA* 107:12941-12945. (Effort 75%)
17. **DeLong**, J.P., O. Burger, and M.J. Hamilton. 2010. Current demographics suggest future

energy supplies will be inadequate to slow human population growth. *PLoS One*. 5(10):e13206. ** **Recommended at Faculty of 1000**. (Effort 75%)

2009

16. Stahlecker, D.W., D.G. Mikesic, J. White, S. Shaffer, J.P. **DeLong**, M. Blakemore, C. Blakemore. 2009. Prey remains in nests of four corners Golden Eagles, 1998–2008. *Western Birds* 40:301-306. (Effort 5%)
15. Hamilton, M.J., O. Burger, J.P. **DeLong**, R.S. Walker, M.E. Moses, and J.H. Brown. 2009. Population stability, cooperation, and the invasibility of the human species. *Proceedings of the National Academy of Sciences of the USA* 106(30):12255-12260. (Effort 15%)
14. **DeLong**, J.P. and D.T. Hanson. 2009. Metabolic rate links density to demography in *Tetrahymena pyriformis*. *The ISME Journal* 3:1396-1401. (Effort 90%)
13. **DeLong**, J.P. and D.T. Hanson. 2009. Density-dependent individual and population-level metabolic rates in a suite of single-celled eukaryotes. *The Open Biology Journal* 2:32-37. (Effort 85%)

2008 and before

12. **DeLong**, J.P. 2008. The maximum power principle predicts the outcomes of two-species competition experiments. *Oikos* 117:1329-1336. (Effort 100%)
11. Williams, S.O., III, J.P. **DeLong**, and W.H. Howe. 2007. Northward range expansion by the Short-tailed Hawk (*Buteo brachyurus*), with first records for New Mexico, USA and Chihuahua, Mexico. *Western Birds* 38(1):2-10. (Effort 25%)
10. **DeLong**, J.P. 2006. Pre-migratory fattening and mass gain in Flammulated Owls in central New Mexico. *Wilson Journal of Ornithology* 118(2):187-193. (Effort 100%)
9. **DeLong**, J.P., S.W. Cox, and N.S. Cox. 2005. A comparison of avian use of high- and low-elevation sites during autumn migration in central New Mexico. *Journal of Field Ornithology* 76(4):326-333. (Effort 75%)
8. Merola-Zwartjes, M. and J.P. **DeLong**. 2005. Avian species assemblages on New Mexico golf courses: surrogate riparian habitat for birds? *Wildlife Society Bulletin* 33(2):1-13. (Effort 50%)
7. **DeLong**, J.P., T.D. Meehan, and R.B. Smith. 2005. Investigating fall movements of hatch-year Flammulated Owls (*Otus flammeolus*) in central New Mexico using stable hydrogen isotopes. *Journal of Raptor Research* 39(1):19-25. (Effort 75%)
6. **DeLong**, J.P. and S.M. Fettig. 2005. An unusual record of American Coot (*Fulica americana*) in the Manzano Mountains. *NMOS Bulletin* 33(1-2):36-38. (Effort 90%)
5. **DeLong**, J.P. 2004. Age determination and preformative molt in hatch-year Flammulated Owls during the fall. *North American Bird Bander* 29(3):111-115. (Effort 100%)
4. **DeLong**, J.P. and S.W. Hoffman. 2004. Fat stores of migrant Sharp-shinned and Cooper's hawks in New Mexico. *Journal of Raptor Research* 38(2):163-168. (Effort 85%)
3. **DeLong**, J.P. and J.A. Gessaman. 2001. A comparison of non-invasive techniques for estimating total body fat in Sharp-shinned and Cooper's hawks. *Journal of Field Ornithology* 72(3):349-364. (Effort 85%)
2. **DeLong**, J.P. and S.W. Hoffman. 1999. Differential autumn migration of Sharp-shinned and Cooper's hawks in western North America. *Condor* 101(3):674-678. (Effort 75%)
1. Stahlecker, D.W., J.P. **DeLong**, and J. Jewell. 1998. Breeding birds of the Rio Chama Wildlife and Fishing Area, Rio Arriba County, New Mexico. *NMOS Bulletin* 26:75-92. (Effort 10%)

Book Chapters and Natural History Reviews

- DeLong**, J.P. 2010. Sharp-shinned Hawk. *In* The Raptors of New Mexico, edited by J.-L. Cartron. University of New Mexico Press.
- DeLong**, J.P. 2010. Northern Saw-whet Owl. *In* The Raptors of New Mexico, edited by J.-L. Cartron. University of New Mexico Press.
- DeLong**, J.P., and S.O. Williams, III. 2006. Status report and biological review of the Gray Vireo in New Mexico. New Mexico Game and Fish Department, Santa Fe, NM. 32 pp.
- DeLong**, J.P., and K. Steenhof. 2004. Effects of management practices on grassland birds: Prairie Falcon. Northern Prairie Wildlife Research Center, Jamestown, ND. 25 pp.
- DeLong**, J.P. 2004. Effects of management practices on grassland birds: Golden Eagle. Northern Prairie Wildlife Research Center, Jamestown, ND. 22 pp.
- DeLong**, J.P. 2000. HawkWatch International raptor conservation program: issues and priorities. HawkWatch International, Inc. Salt Lake City, UT. 90 pp.

Awards and Grants

Since arrival at UNL

- Regular Program Grant* – Integrating the effects of warming and body size evolution on marine size spectra. Binational Science Foundation, 2015, \$180,000 (Co-PI).
- Doctoral Dissertation Improvement Grant* (for Jean-Philippe Gibert) – The role of individual variation on predator-prey interactions and its joint effect with environmental temperature. National Science Foundation, 2015, \$17,285.
- Interdisciplinary Research Grant* – An interdisciplinary investigation into the causes and consequence of the temperature-size rule. Univ. of Nebraska Research Council, 2012, \$20,000.

Before arrival at UNL

- Brown Fellowship* – Yale University, 2009-2011.
- Grove Research Scholarship* – Department of Biology, Univ. of New Mexico, 2008.
- Ryan Beaulieu Research Grant* – New Mexico Ornithological Society, 2007, \$1,000.
- Grove Summer Scholarship* – Department of Biology, Univ. of New Mexico, 2007.
- SRAC Grant* – Graduate and Professional Student Association, Univ. of New Mexico, 2006.
- GRAC Grant* – Biology Department, Univ. of New Mexico, 2006.
- Vice President's Research Fellowship* – Utah State Univ., 1997.
- Roger L. VonAmelunxen Foundation Scholarship Award*, 1989.
- Munich Campus Memorial Award* – Univ. of Maryland Munich Campus, 1989.
- Anthropology award* – Univ. of Maryland, Munich Campus, 1989.
- Geology award* – Univ. of Maryland, Munich Campus, 1989.
- Reverend Wilbur award for excellence in the arts* – St. Stephen's School, Rome, Italy, 1986.

Teaching Experience

- Predator Ecology* – Bios 453/853 – University of Nebraska – Lincoln. Instructor and developer of advanced ecology course on the nature and evolution of predator-prey interactions. The course employs a mix of lecture, in-class lab activities, readings from the primary literature, mathematical derivations, curve-fitting techniques, and using Matlab © to solve ordinary differential equations. Fall 2013, 2014, 2015.
- Ecology and Evolution* – Bios 207 – University of Nebraska – Lincoln. Instructor for required course in biology majors curriculum covering broadly areas in ecology and evolution, with

lab. Used clickers, peer-instruction, and figure-based teaching methods. Spring 2013, 2014, 2015, and Summer 2015 (Cedar Point Biological Station).

Principles of Ecology – Biology 310L – University of New Mexico. Developed and refined laboratory exercises, wrote and published a new on-line lab manual, instructed labs (including field, analytical, modeling, and experimental projects), delivered lectures (five 1.25-hour lectures), and graded assignments (papers, presentations, and analytical exercises). Fall 2005, 2006, 2007.

Biology for Health Sciences Majors – Biology 124L – University of New Mexico. Prepared and instructed labs, wrote and graded homework assignments and tests. Spring 2006, 2007.

Introductory Biology – Biology 201L – Utah State University. Prepared and instructed laboratory course. Fall 1998, Spring 1999.

Bird identification seminars. Delivered for local Audubon club, wildlife refuge festivals, and continuing education classes.

Field skills training. Trained wildlife field crews in techniques for trapping, handling, and processing methods for raptors and owls, and general outdoor skills, HawkWatch International, eight seasons, 1993 through 2003.

Previous Employment History

<i>Research assistant</i> , Department of Biology, University of New Mexico	2008 – 2009
<i>Teaching assistant</i> , Department of Biology, University of New Mexico	2005 – 2007
<i>Environmental consultant</i> , Eagle Environmental, Inc.	1998 – 2008
<i>Teaching assistant</i> , Department of Biology, Utah State University	1998 – 1999
<i>Seasonal field ecologist</i> , The Nature Conservancy, USDA Rocky Mountain Research Station, HawkWatch International, Eagle Environmental, Washington State University, Colorado State University, National Park Service, Galea Wildlife Consultants	1991 – 2003

Invited Presentations

DeLong, J.P. IGNITE: Allometric population models as mechanistic predictors of macro-ecological patterns. *Ecological Society of America Annual Meeting, Baltimore, MD, 2015*.

DeLong, J.P., T.C. Hanley, J.P. Gibert, L.M. Puth, and D.M. Post. Genetic diversity and stability: a case study in fitting ordinary differential equations. Mathbio seminar series, University of Nebraska – Lincoln, March 2015.

DeLong, J.P. The supply demand model of body size evolution. Invited seminar, Kansas State University, Manhattan, Kansas, November 2014.

DeLong, J.P. The supply demand model of body size evolution. Invited symposium, American Fisheries Society annual meeting, Quebec City, Canada, August 2014.

DeLong, J.P. The body size dependence of trophic cascades. Special seminar, University of Kent, England, November 2013.

DeLong, J.P. Understanding scaling patterns from consumer resource interactions. Symposium: “From energetics to macroecology: carnivore responses to environmental change”, Zoological Society of London, London, England, November 2013.

DeLong, J.P. The body size dependence of trophic cascades. EEB seminar series, University of Nebraska – Lincoln, September 2013.

DeLong, J.P. On the origin of interference in consumer-resource interactions. Mathbio seminar series, University of Nebraska – Lincoln, April 2013.

- DeLong**, J.P. The supply-demand model of body size evolution. Biology seminar series, University of Oklahoma, October 2012.
- DeLong**, J.P. The supply-demand model of body size evolution. EEB seminar series, University of Nebraska – Lincoln, October 2012.
- DeLong**, J.P. Metabolism and anthropogenic stressors – an overview. *Gordon Research Conference on The Metabolic Basis of Ecology, Biddeford, ME, 2012.*

Contributed Presentations

- DeLong**, J.P. and 7 others. The near convergence of ecological and evolutionary time. *Ecological Society of America Annual Meeting, Baltimore, MD, 2015.*
- DeLong**, J.P. and 5 others. Dynamic temperature-size patterns in *Tetrahymena*. Poster presented at the *Gordon Research Conference on Unifying Scales in Ecology, Biddeford, ME, 2014.*
- DeLong**, J.P. and 7 others. The near convergence of ecological and evolutionary time. *Joint Aquatic Sciences Meeting, Portland, OR, 2014.*
- DeLong**, J.P. Understanding the temperature-size rule with the supply-demand model of body size evolution. *Ecological Society of America Annual Meeting, Minneapolis, MN, 2013.*
- DeLong**, J.P. and D.A. Vasseur. Linked exploitation and interference competition drives the variable behavior of a classic predator-prey system. *Ecological Society of America Annual Meeting, Portland, OR, 2012.*
- DeLong**, J.P. Predicting scaling patterns from dynamic consumer-resource models. Poster presented at the *Gordon Research Conference on The Metabolic Basis of Ecology and Evolution, Biddeford, ME, 2012.*
- DeLong**, J.P. and D.A. Vasseur. A mechanistic explanation of size density scaling in consumers. *Ecological Society of America Annual Meeting, Austin, TX, 2011.*
- DeLong**, J.P. and D.A. Vasseur. Mutual interference is common and mostly intermediate in magnitude. *Ecological Society of America Annual Meeting, Pittsburgh, PA, 2010.*
- DeLong**, J.P., J.G. Okie, M.E. Moses, R.M. Sibly, and J.H. Brown. Shifts in metabolic scaling, production, and efficiency across major evolutionary transitions of life. Poster presented at the *Gordon Research Conference on The Metabolic Basis of Ecology and Evolution, Biddeford, ME, 2010*, **and** the *Ecological Society of America Annual Meeting, Albuquerque, NM, 2009.*
- DeLong**, J.P. and D.T. Hanson. Density-dependent individual and population-level metabolic rates in a suite of single-celled eukaryotes. *Gordon Research Conference on The Metabolic Basis of Ecology, Biddeford, ME, 2008.*
- DeLong**, J.P., S.W. Cox, and N.S. Cox. A comparison of avian use of high- and low-elevation sites during autumn migration in central New Mexico. *New Mexico Ornithological Society Annual Meeting, Albuquerque, NM, 2005.*
- DeLong**, J.P., and S.W. Hoffman. Foraging index and fat reserves in autumn-migrant accipiters in central New Mexico. *Cooper Ornithological Society Annual Meeting, Albuquerque, NM, 2001.*
- DeLong**, J.P., J.B. Burns, and J.A. Gessaman. Fat reserves in wintering Bohemian Waxwings. *Cooper Ornithological Society Annual Meeting, Riverside, CA, 2000.*
- DeLong**, J.P., J.A. Gessaman, and S.W. Hoffman. Variation in fat reserves of fall-migrant Sharp-shinned (*Accipiter striatus*) and Cooper's Hawks (*A. cooperii*) in central New Mexico. *Raptor Research Foundation Annual Meeting, La Paz, MX, 1999.*
- DeLong**, J.P., and J.A. Gessaman. Non-invasive techniques for estimating body fat in Sharp-shinned (*Accipiter striatus*) and Cooper's Hawks (*A. cooperii*). *Raptor Research Foundation Annual Meeting, La Paz, MX, 1999.*

DeLong, J.P., and S.W. Hoffman. Differential migration in Sharp-shinned and Cooper's Hawks in central New Mexico. *Raptor Research Foundation Annual Meeting, Ogden, UT, 1998.*

Service

UNL School of Biological Sciences

Faculty search committee for SBS Director (Fall 2015 – Spring 2016)

SBS Special Funds committee, Chair (Fall 2014 – Spring 2015), Member (Fall 2015 – Spring 2016)

SBS Seminar Committee (Fall 2014 – Spring 2016)

Faculty search committee for Infectious Disease Biology (Fall 2014 – Spring 2015)

SBS Curriculum Committee (Fall 2013 – Spring 2015)

Task force on graduate research emphasis groups (GREGs) (Fall 2012 – Spring 2013)

Population ecology journal club organizer (Spring 2013 – present)

Manuscript reviewing

American Naturalist, Biology Letters, Biological Reviews, BioScience, Canadian Journal of Fisheries and Aquatic Sciences, Condor, Ecological Complexity, Ecological Modeling, Ecological Monographs, Ecology, Ecology Letters, Ecosystems, Functional Ecology, Global Change Biology, Journal of Animal Ecology, Journal of Field Ornithology, Journal of Raptor Research, Journal of Theoretical Biology, Marine Ecology Progress Series, Nature Communications, NMOS Bulletin, Oecologia, Oikos, Proceedings of the Royal Society B, PLoS One, The ISME Journal, Theoretical Ecology, and Wilson Journal of Ornithology.

Science advisory committee, HawkWatch International, Inc.

1997 – 2005.

Provided guidance to the board of directors and executive director of a small non-profit about the organization's scientific goals and how to accomplish them.

Student mentoring

Graduate dissertation/thesis advisees

Jean-Philippe Gibert (PhD)

Teresa Ely (MS)

Post-doctoral advisees

Tom Luring (POE post-doc, co-advised by C. Brassil)

Graduate committee membership

Benjamin Reed (Supervisor: G. Bachman, SBS)

Melissa Whitman (Supervisor: S. Russo, SBS)

Ju Ping (Supervisor: S. Russo, SBS)

Simone Westermayer (Supervisor: G. Ledder, Math)

Marie-Claire Chelini (Supervisor: E. Hebets, SBS)

Christopher Anderson (Supervisor: S. Fernando, Animal Sciences)

Andrei Snyman (Supervisor: J. Carroll, SNR)

Nohemi Huanca (Supervisor: S. Russo, SBS)

Angelica Kallenberg (Supervisor: R. Gibson, SBS)

Zeina Al-Ameeli (Supervisor: J. Van Etten, NVC)

Tyler Corey (Supervisor: E. Hebets, SBS)

Colton Watts (Supervisor: E. Hebets and B. Tenhumberg, SBS)

Undergraduate thesis advisees

Emma Erickson (Biology)

Reed Broderson (Environmental Studies)

Undergraduate student research advisees

Emma Erickson (independent research)

Rae Novich (independent research)

Bethanne Schmid (UCARE)

Reed Broderson (UCARE)

Joe Phillips (independent research)

Ryan Kalinowski (REU student from St. Francis University)

Lexus Wellman (independent research)

Kristine Zimmerman (UCARE)