

Curriculum Vita

Kirk Jon Larsen, Ph.D.

Professor of Biology
Department of Biology
Luther College
Decorah, Iowa 52101
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Education:

B.S.	1985	Calvin College	Biology
M.S.	1987	Michigan State University	Entomology
Ph.D.	1991	Ohio State University	Entomology

Teaching and Research Interests

Insect Biology and Behavior, Insect Biodiversity, Prairie Ecology, Restoration Ecology, Marine Biology

Professional Experience:

Professor (tenured), Department of Biology, **Luther College**, Decorah, Iowa, September 2007-present.

Courses taught: *Entomology; Insects, Humans & the Environment* (for non-majors); *Invertebrate Zoology; Ecology of Ecuador; Subtropical and Marine Biology (Bahamas, Roatan); Principles of Biology: Ecology, Evolution and Biodiversity; Animal Behavior; Introduction to GIS; Environmental Studies Senior Seminar (Grassland Conservation Issues); Winter Biology; Human Anatomy* (for non-majors); *Paideia II: Challenges for the 21st Century* (for non-majors); *Environmental Forays* (for non-majors).

Adjunct Faculty Member, **Wheaton College Science Station**, summers of 1992-2014. Instructor of *General Ecology* (1992-94, 97-99), *Field Zoology* (1993, 95, 2001, 09), *Entomology* (1996, 2000-2006), *Environmental Science* (2007), *Diversity of Life* (2010-11, 13-14, 16-17, 19) at field station in Black Hills of South Dakota.

Associate Professor (tenured), Department of Biology, **Luther College**, Decorah, Iowa, September 1999-August 2007.

Research Associate, Cedar Creek Natural History Area LTER site, Department of Ecology and Evolutionary Biology, University of Minnesota, Bethel, MN. summer 2000–2000/2001 academic year (sabbatical funded by NSF-Research Opportunity Award grant).

Assistant Professor, Department of Biology, **Luther College**, Decorah, Iowa, August 1993-August 1999.

Postdoctoral Research Scholar, Department of Zoology, Ecology Research Center, **Miami University**, Oxford, Ohio, June 1991-May 1993. Instructor for *Environmental Biology* (Fall 1991, Spring 1992). Research compared effects of heavy metals and nutrient enrichment from long-term application of sewage sludge and fertilizers on biology, population and community dynamics of invertebrates in old field ecosystems at ERC with D. Taylor. Assisted R. Lee with *Entomology* (Fall 1992)

Graduate Research Associate, Department of Entomology, **Ohio Agricultural Research and Development Center**, Wooster, Ohio, August 1987-May 1991. Dissertation research with L. Nault on overwintering biology and ecology of corn pathogen vector leafhoppers and ant-leafhopper mutualistic interactions. Coordinated 3 research trips to Mexico and collaborated with entomologists at the Laboratorio Natural Las Joyas, Universidad de Guadalajara, Jalisco, Mexico.

Graduate Assistant, Department of Entomology, **Michigan State University**, 1985-1987. Research assistant to M. Whalon, coordinating all field work on peach X-disease vector leafhopper movement behavior for 3 field seasons. Taught *General Entomology* for R. Fisher (Spring 1986, Spring 1987).

Publications in Peer-Reviewed Journals: (* indicates undergraduate coauthors)

*Wittman, J., E. *Stivers, and K.J. Larsen. 2017. Butterfly surveys are impacted by time of day. *Journal of the Lepidopterists' Society* 71(2): 125-128.

- Larsen, K.J., C.L. Hall & D.R. Howard. **2016**. Entomology at Small Liberal Arts Colleges. *American Entomologist* 62(2): 108-109.
- Larsen, K.J.. **2016**. Teaching scientific writing in an undergraduate entomology course using mealworms and sandpaper. *American Entomologist* 62(2): 123-125.
- *Schuh, M. & K.J. Larsen. **2015**. European buckthorn (*Rhamnus cathartica*) invasion reduces ground-dwelling insect abundance and diversity in northeast Iowa forests. *Environmental Entomology* 44(3): 647-657, DOI: 10.1093/ee/nvv050.
- *Powers, N.M. & K.J. Larsen. **2014**. Butterflies (Lepidoptera) on hill prairies of Allamakee County, Iowa: A Comparison of the Late 1980s with 2013. *Great Lakes Entomologist* 47(3-4): 129-143.
- *McDermond-Spies, N., D. *Broman, A. *Brantner, and K.J. Larsen. **2014**. Family-level benthic macroinvertebrate communities indicate successful relocation and restoration of a Northeast Iowa stream. *Ecological Restoration* 32(2): 161-170.
- Moya-Raygoza, G. & K.J. Larsen. **2014**. Response of ants to the leafhopper *Dalbulus quinque-notatus* DeLong & Nault (Hemiptera: Cicadellidae) and extrafloral nectaries following fire. *Sociobiology* 61(2): 136-144.
- *Wittman, J., A. *Weckwerth, C. *Weiss, S. *Heyer, J. *Seibert, B. *Kuennen, C. Ingels, L. Seigley, K. Larsen & J. Enos-Berlage. **2013**. Evaluation of land use and water quality in an agricultural watershed in the United States indicates multiple sources of bacterial impairment. *Environmental Monitoring and Assessment* 185: 10395-10420.
- Larsen, K.J. & F.F. Purrington. **2013**. New records of *Ophonus puncticeps* Stephens (Coleoptera: Carabidae) from Iowa show continued westward range expansion. *Coleopterists Bulletin* 67(1):16-18.
- *Worthington, R.J. & K.J. Larsen. **2010**. An annotated checklist of scarab beetles (Coleoptera: Scarabaeidae) from Northeastern Iowa. *Great Lakes Entomologist* 43: 84-97.
- Larsen, K.J. & F.F. Purrington. **2009**. New distribution records of ground beetles (Coleoptera: Carabidae) from Iowa and South Dakota, U.S.A. *Entomological News* 120(5): 570-573.
- Larsen, K.J. & H. Willis. **2008**. Range extension into South Dakota for *Cicindela pulchra* (Coleoptera: Carabidae). *Coleopterists Bulletin* 62(4): 480.
- Moya-Raygoza, G. and K.J. Larsen. **2008**. Positive effects of shade and shelter construction by ants on a leafhopper-ant mutualism. *Environmental Entomology* 37(6): 1471-1476.
- Moya-Raygoza, G., K.J. Larsen and A. Rauk*. **2005**. Geographic and seasonal variation in size and color of adult corn leafhoppers (Hemiptera: Cicadellidae) from Mexico. *Environmental Entomology* 34(6): 1388-1394.
- Gandhi, K.J.K., D.W. Gilmore, G.E. Ball, R.W. Holzenthal, S.A. Katovich, J.J. Koehle, K.J. Larsen, W.J. Mattson, and S.J. Seybold. **2005**. A review of ground beetle species (Coleoptera: Carabidae) of Minnesota, USA: new records and range extensions. *Proceedings of the Entomological Society of Washington* 107(4): 917-940.
- Moya-Raygoza, G., J. Kathirithamby and K.J. Larsen. **2004**. Dry season parasitoids of the corn leafhopper, *Dalbulus maidis* (Homoptera: Cicadellidae), on irrigated maize in Mexico. *Canadian Entomologist* 136: 119-127.
- Larsen, K.J. and T.W. Work. **2003**. Differences in ground beetles (Coleoptera: Carabidae) of original and reconstructed tallgrass prairies in northeastern Iowa, USA, and impact of three-year spring burn cycles. *Journal of Insect Conservation* 7(3): 153-166.
- Larsen, K.J., T.W. Work, and F.F. Purrington. **2003**. Habitat use patterns by ground beetles (Coleoptera: Carabidae) of northeastern Iowa. *Pedobiologia* 47: 288-299.
- Larsen, K.J. & J.A.*Bovee. **2001**. Changes in the butterflies (Lepidoptera) of Winneshiek County, Iowa after 90 years. *Great Lakes Entomologist* 34(1): 43-54.
- Moya-Raygoza, G. & K.J. Larsen. **2001**. Temporal resource switching by ants between honeydew produced by the fivespotted gama grass leafhopper (*Dalbulus quinque-notatus*) and nectar produced by plants with extrafloral nectaries. *American Midland Naturalist* 146(2): 311-320.
- Larsen, K.J., L.M.*Staeble & E.J.*Dotseth. **2001**. Tending ants (Hymenoptera: Formicidae) regulate *Dalbulus quinque-notatus* (Homoptera: Cicadellidae) population dynamics. *Environmental Entomology* 30(4): 757-762.

- Purrington, F.F., D.K. Young, K.J. Larsen, & J.C.T. Lee. **2000**. New distribution records of ground beetles from the North Central United States (Coleoptera: Carabidae). *Great Lakes Entomologist* 33: 199–204.
- Larsen, K.J. & J.B.*Williams. **1999**. Influence of fire and trapping effort on ground beetles in a reconstructed tallgrass prairie. *Prairie Naturalist* 31 (2): 77–88.
- *Coyle, D.R & K.J. Larsen. **1998**. Carrion beetles (Coleoptera: Silphidae) of Northeastern Iowa: a comparison of baits for sampling. *Journal of the Iowa Academy of Science* 105(4): 161–164.
- Purrington, F.F. & K.J. Larsen. **1997**. Records of thirteen ground beetles (Coleoptera: Carabidae) new to Iowa. *Journal of the Iowa Academy of Science* 104(2): 50–51.
- Larsen, K.J., F.F. Purrington, S.R.*Brewer & D.H. Taylor. **1996**. Influence of sewage sludge and fertilizer on the ground beetle (Coleoptera: Carabidae) fauna of an old-field community. *Environmental Entomology* 25(2): 452–459.
- Larsen, K.J. & R.E. Lee. **1994**. Cold tolerance including rapid cold-hardening and inoculative freezing of fall migrant monarch butterflies in Ohio. *Journal of Insect Physiology* 40: 859–864.
- Larsen, K.J., S.R.*Brewer & D.H. Taylor. **1994**. Differential accumulation of heavy metals by web spiders and ground spiders in an old-field. *Environmental Toxicology and Chemistry* 13(3): 503–508.
- Larsen, K.J. & L.R. Nault. **1994**. Seasonal polyphenism of adult *Dalbulus* leafhoppers (Homoptera: Cicadellidae). *Annals of the Entomological Society of America* 87(3): 355–362.
- Larsen, K.J., A.L.*Litsch, S.R.*Brewer & D.H. Taylor. **1994**. Contrasting effects of sewage sludge and commercial fertilizer on egg to adult development of two herbivorous insect species. *Ecotoxicology* 3: 94–109.
- Larsen, K.J., R.E. Lee & L.R. Nault. **1993**. Influence of development conditions on cold-hardiness of adult *Dalbulus* leafhoppers: implications for overwintering. *Entomologia Experimentalis et Applicata* 67(2): 99–108.
- *Hernandez-Vazquez, S., G. Moya-Raygoza, K.J. Larsen & L.R. Nault. **1992**. Densidad estacional de *Dalbulus maidis* (Homoptera: Cicadellidae) en maiz (*Zea mays*) y en el teosinte perenne (*Zea diploperennis*) (Gramineae). *Folia Entomologica Mexicana* 86: 15–24.
- Larsen, K.J., L.R. Nault & G. Moya-Raygoza. **1992**. Overwintering biology of *Dalbulus* leafhoppers: adult populations and drought hardiness. *Environmental Entomology* 21(3): 566–577.
- Larsen, K.J., S.E. Heady & L.R. Nault. **1992**. Influence of ants (Hymenoptera: Formicidae) on honeydew excretion and escape behaviors in a myrmecophile, *Dalbulus quinquenotatus* (Homoptera: Cicadellidae), and its congeners. *Journal of Insect Behavior* 5(1): 109–122.
- Larsen, K.J., F.E. Vega, G. Moya-Raygoza & L.R. Nault. **1991**. Ants (Hymenoptera: Formicidae) associated with the leafhopper *Dalbulus quinquenotatus* (Homoptera: Cicadellidae) on gamagrasses in Mexico. *Annals of the Entomological Society of America* 84(5): 498–501.
- Blocker, H.D. & K.J. Larsen. **1991**. A new leafhopper genus, *Cocrassana* (Homoptera: Cicadellidae), from Mexican *Tripsacinae* and a synopsis of related genera. *Journal of the Kansas Entomological Society* 64(2): 123–126.
- Larsen, K.J., L.V. Madden & L.R. Nault. **1990**. Effect of temperature and host plant on the development of the blackfaced leafhopper. *Entomologia Experimentalis et Applicata* 55(3): 285–294.
- Larsen, K.J. & M.E. Whalon. **1988**. Dispersal of *Paraphlepsius irroratus* (Say) (Homoptera: Cicadellidae) in peach and cherry orchards. *Environmental Entomology* 17(5): 842–851.
- Larsen, K.J. & M.E. Whalon. **1988**. Field monitoring of X-disease leafhopper vectors (Homoptera: Cicadellidae) and infected chokecherry in Michigan peach and cherry orchards. *Great Lakes Entomologist* 21(2): 61–67.
- Larsen, K.J. & M.E. Whalon. **1987**. Crepuscular movement of *Paraphlepsius irroratus* (Say) (Homoptera: Cicadellidae), between the groundcover and cherry trees. *Environmental Entomology* 16(5): 1103–1106.

Extramural Research Grants:

- \$4,000** Wildlife Diversity Small Grants Program, Iowa Department of Natural Resources (WDP Grant #15CRDWBSSHEP-0107), *Survey for the presence and abundance of Leonard's Skipper (*Hesperia leonardus*) in Allamakee County, Iowa (2015)*.

- \$2,000** R. J. McElroy Trust Student/Faculty Research Program, Iowa College Foundation, *Bee diversity and floral resources of remnant and reconstructed tallgrass prairies in Northeast Iowa* with student Isaac Jensen. (2015-2016).
- \$2,500** Wildlife Diversity Small Grants Program, Iowa Department of Natural Resources (WDP Grant #14CRDWBKKINK-0034), *Survey of Fitch's Elephanthopper, a rare piglet bug found at Spirit Knoll State Preserve* (2014).
- \$10,624.23** Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-309), *Impact of prescribed fire in year 5 of a roadside prairie planting on plant and insect communities* (2013).
- \$2,000** R. J. McElroy Trust Student/Faculty Research Program, Iowa College Foundation, *Comparing the Effect of Native and Introduced Host Plants on Native and Introduced Grass Skippers of NE Iowa* with student Calla Olson. (2012-2013).
- \$11,186.37** Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-209), *Impact of roadside prairie plantings on plant and insect communities* (2012).
- \$35,250** Waterloo Creek Habitat Restoration Project, Michael Osterholm, *Terrestrial and Aquatic Insects of Waterloo Creek, Allamakee County, Iowa*. Includes \$600 for 2003 startup, and \$5,000 per year (2004, 2005, 2008), \$3,000 (2006, 2007, 2009, 2010), and \$3,800 (2011) and \$3,850 (2012) to involve Luther undergrads in summer research (2003-2012).
- \$9,942.48** Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-106), *Impact of roadside prairie plantings on plant and insect communities* (2011).
- \$9,253.17** Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-013), *Impact of roadside prairie plantings on plant and insect communities* (2010).
- \$9,253.17** Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-910), *Impact of roadside prairie plantings on plant and insect communities* (2009).
- \$8,671.86** Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-800), *Impact of roadside prairie plantings on plant and insect communities* (2008).
- \$2,000** R.J. McElroy Student/Faculty Research Program, Iowa College Foundation, *Impact of an Artificial Flood Event on Aquatic Macroinvertebrates of a Small Trout Stream in NE Iowa* with student Tony Brantner. (2007-2008).
- \$1,750** R.J. McElroy Student/Faculty Research Program, Iowa College Foundation, *Development of a novel insect sampling device to monitor 24-hour cycles of terrestrial insect inputs into Waterloo Creek*. with student Katie Hopp. (2004-2005).
- \$13,600** USFWS Partnerships for Wildlife Grant, Wisconsin DNR Multi-State Prairie Insect Inventory and Management Effects Research Project, *Inventory and study of the effect of fire on ground beetles of Northeastern Iowa's tallgrass prairies* (July 1995-June 2002)
- \$22,758** National Science Foundation - Research Opportunity Award (BIO/DEB/Ecological Studies/LTER), submitted with Dr. David Tilman, University of Minnesota, *Inventory and study of the effects of tallgrass prairie plant diversity on ground beetles at Cedar Creek LTER Natural History Area* (June – September 2000).
- \$2,000** R.J. McElroy Student/Faculty Research Program, Iowa College Foundation, *Influence of ants and predators on the population dynamics of the myrmecophilous leafhopper, Dalbulus quinque-notatus*, with student Lane Staehle. (1999-2000).
- \$10,000** Science Equipment Grant, Johnson's Wax Fund, LCD Video Projector for Entomology Teaching and Research (July 1997)
- \$500** Research Grant, The Nature Conservancy, Iowa Chapter, *A Comparison of Survey Methods for Insects of Algific Talus Slopes* (Sept 1995-February 1996)
- \$5944.25** Faculty Research Grant, Pew Charitable Trust, Great Lakes Cluster, Pew Science Program, *Ground beetle communities of virgin and restored tall-grass prairies of Northeastern Iowa and Northcentral Illinois* (Summer 1994)

- \$13,400** Instructional and Laboratory Improvement Grant, National Science Foundation, Undergraduate Insect Behavior Teaching and Research Laboratory Improvement (April 1994)
- \$9,000** Science Equipment Grant, Johnson's Wax Fund, Video Microscopy Equipment for Entomology Teaching and Research (March 1994)
- \$467** Grant-in-Aid of Research, Sigma Xi, The Scientific Research Society, Ant exclusion of myrmecophilous leafhopper congeneric competitors (June 1990)

Other Grants:

- \$1,000** Pheasants Forever, to support Gateway Prairie Planting Project (February 2006)
- \$2,000** Gateway Prairie Phase II, Living Roadway Trust Fund supplement, Iowa Department of Transportation (Project 90-00-LRTF-600), to assist in the establishment of the "Gateway Prairie Learning Park" at Luther College on the corner of Pole Line Road and US-52 (January 2006).
- \$10,000** Gateway Prairie Phase II, Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-610), to assist in the establishment of the "Gateway Prairie Learning Park" at Luther College on the corner of Pole Line Road and US-52 (December 2005).
- \$2,820** DNR Prairie Partners Program, to support Gateway Prairie Planting Project (August 2005)
- \$12,000** Gateway Prairie, Living Roadway Trust Fund, Iowa Department of Transportation (Project 90-00-LRTF-512), to assist in the establishment of the "Gateway Prairie Learning Park" at Luther College on the corner of Pole Line Road and US-52 (November 2004).

Intramural Grants (Awarded):

- \$4,000** Student/Faculty Collaborative Research Grant, Luther College, Moth communities in tallgrass prairie and oak forest habitats in Northeast Iowa (Summer 2018) with student Lena Schmitt.
- \$4,000** Student/Faculty Collaborative Research Grant, Luther College, Effect of controlled burning of woodlands on ground beetles (Coleoptera: Carabidae) (Summer 2016) with student Matthew Peterson.
- \$4,000** Student/Faculty Collaborative Research Grant, Luther College, Bee diversity and floral resources of remnant and reconstructed tallgrass prairies in Northeast Iowa (Summer 2015) with student Isaac Jensen.
- \$4,000** Student/Faculty Collaborative Research Grant, Luther College, Effect of European Buckthorn (*Rhamnus cathartica*) and its removal on ground-dwelling insects in Northeast Iowa Forests (Summer 2013) with student Marissa Schuh.
- \$4,000** Student/Faculty Collaborative Research Grant, Luther College, A survey of tick diversity and distribution, in the Decorah, Iowa area with focus on Deer Ticks (*Ixodes scapularis*) and the percentage which carry the Lyme Disease-causing spirochete *Borrelia burgdorferi* (Summer 2013) with student Joshua Nelson.
- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, Comparing the Effect of Native and Introduced Host Plants on Native and Introduced Grass Skippers (Lepidoptera: Hesperinae) in Northeast Iowa (Summer 2012) with student Calla Olson.
- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, Daily and monthly patterns of summer aquatic and terrestrial insect drift in Waterloo Creek (Summer 2011).
- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, Natural history of ground beetles in Anderson Prairie (Summer 2011).
- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, Ground beetle diversity and plant communities of Luther's Gateway Prairie (Summer 2010).
- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, A Biodiversity Survey of Scarab Beetles in Northeast Iowa (Summer 2009).
- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, Preliminary Survey of Biodiversity in Future U.S. Highway 52 Roadside Planting Areas (Summer 2008).

- \$3,750** Student/Faculty Collaborative Research Grant, Luther College, *Ground beetle diversity and plant communities of Luther's Gateway and Anderson Prairies (Summer 2007)*.
- \$3,500** Student/Faculty Collaborative Research Grant, Luther College, *Aquatic insects of a "new" stream: is the newly reestablished Brook Creek ready to support brook trout? (Summer 2006)*.
- \$3,500** Student/Faculty Collaborative Research Grant, Luther College, *Impact of the Reconstruction and Management of Anderson Prairie on Plant and Ground Beetle Communities. (Summer 2005)*.
- \$1,100** Student/Faculty Collaborative Research Grant, Lancy Foundation and National Conference on Undergraduate Research, *Impact of a prairie reconstruction on ground beetle community dynamics. (Summer 2003)*.
- \$1,100** Student/Faculty Collaborative Research Grant, Lancy Foundation and National Conference on Undergraduate Research, *Comparison of three types of conservation reserve program (CRP) plantings on butterflies of Northeastern Iowa. (Summer 2002)*.
- \$3,500** Student/Faculty Collaborative Research Grant, Luther College, *Movement of ground beetles following fire in tallgrass prairies. (Summer 2000)*.
- \$3,500** Student/Faculty Collaborative Research Grant, Luther College, *Diversity and abundance of the butterflies of Winneshiek County, Iowa. (Summer 1998)*.
- \$3,500** Student/Faculty Collaborative Research Grant, Luther College, *Survey to determine the occurrence of the endangered American burying beetle in NE Iowa. (Summer 1996)*.
- \$3,500** Student/Faculty Collaborative Research Grant, Luther College, *Influence of pitfall trapping methodology on prairie ground beetle surveys (Summer 1995)*.
- \$2,000** Anderson Faculty Development Fund, Luther College, *Effects of fire and other management strategies on the ground beetles of original and restored tall-grass prairies of Northeastern Iowa (Summer 1994)*
- \$1,500** Graduate School Alumni Research Award, The Ohio State University, *Ant-leafhopper interactions (1990)*

Membership in Professional Societies:

Entomological Society of America	Xerces Society
Coleopterists Society	Michigan Entomological Society
Lepidopterists' Society	American Scientific Affiliation

Honors and Awards:

- Russell R. Rulon Endowed Chair in Biology (2013-2016) – Nominated by colleagues in the sciences to support research and professional development opportunities. *Luther College*.
- Distinguished Achievement Award in Teaching (2012) – Nominated by former students now ESA members for this award. *North Central Branch, Entomological Society of America*.
- Sigma Xi, the Scientific Research Society (1992) – Inducted at Miami University.
- Graduate Scholarship (1991) - Based on coursework and research culminating in scholarship. *North Central Branch, Entomological Society of America*. \$500.
- President's Prize - (1990) - Second Place in Student Paper Competition at National Meeting of the *Entomological Society of America*.
- Dwight DeLong Memorial Award (1990) - Ph.D. candidates presentation competition. *Department of Entomology, The Ohio State University*. All expense paid trip to 1990 ESA National Meeting in New Orleans.
- Winner (1987) - Graduate Student Presentation Award Competition. Pesticide Research Center Annual Conference, *Michigan State University*. \$100.
- Winner (1987) - Student Awards Competition, M.S. Degree Entomology Research Category. *North Central Branch, Entomological Society of America*. \$100.

Community Service Activities:

Head, Department of Biology, Luther College, fall 2018-present.

Winneshiek County Conservation Board member, appointed by Winneshiek County supervisors, **Jan 2019-present.**

Appointment, Tenure and Promotion Committee member, *Luther College*, **fall 2016-spring 2018**, chair spring 2018.

Iowa State Preserves Advisory Board member, *State of Iowa, Department of Natural Resources*, appointed by Governor of State of Iowa, **2012-2018.**

Campus Land Use Committee member, *Luther College*, **2012-present.**

Faculty Advisor, *Pi Rho* chapter of *Beta Beta Beta*, the national biological honor society. **2009-present.**

Faculty Interests Committee member, *Luther College*, **spring 2016.**

Symposium Organizer, Member Symposium: *Entomology – Partnering with Small Liberal Arts Colleges*, **2015**
National Meeting of the Entomological Society of America, Minneapolis, MN.

Iowa Prairie Conference, Local Arrangements Chair, *Luther College and Tallgrass Prairie Center*, **July 2013.**

Peer Reviewer of Manuscripts, *American Midland Naturalist*, *Biological Control*, *Journal of the Lepidopterists' Society*, *Journal of the Iowa Academy of Sciences*, *Annals of the Entomological Society of America*, *Environmental Entomology*, *Journal of Economic Entomology*, *Journal of Insect Science*. **1991-present.**

Faculty Interests Committee member, *Luther College*, **spring 2013.**

Trumpet Search Committee member, *Luther College*, **spring 2013.**

Environmental Studies Steering Committee member (**chair: 2008-09**), *Luther College*, **2006-2012.**

Council Member, *Decorah Covenant Church*, **2009-2012.**

Board of Regents Representative, *Luther College*, **Sept 2010-May 2011**

College Council member, *Luther College*, **Sept 2010-May 2011.**

Exciting Undergraduates in Entomology (EUGE) Task Force (co-chair), *Plant-Insect Ecosystems section, Entomological Society of America*, appointed, **Oct 2009-December 2010.**

Natural Areas Land Use Subcommittee, *Luther College*, **2009-2011.**

Director, Environmental Studies Program, **Luther College**, Decorah, Iowa, **2008-2009.**

Building Committee Chair, **Decorah Covenant Church**, Decorah, Iowa, **March 2008-June 2009.**

Valders Science Building Renovation Committee, **Luther College**, Decorah, Iowa, **Jan 2008-Sept 2009.**

Local Arrangements Chair, *Prairie Invertebrates Conference* at Luther College, **October 20, 2007.**

President's Prize Student Display Competition Judge, *Entomological Society of America*, **2003-2007** volunteer (**Head Judge 2005-2007**).

Faculty Organization Committee, *Luther College*, **Sept 2004-May 2007** (**chair 05-06, brd of regents rep 06-07**)

Science Division Chair, *Luther College*, **Sept 2004-May 2007**

Local Arrangements Chair, *Dragonfly Society of America* meeting at Luther College, **July 2004.**

Undergraduate Scholarships Committee, *Entomological Society of America*, **May 2003-2006.**

Honors Advisory Committee, *Luther College*, **Sept 2002-May 2004.**

Board Member, Region 3, Iowa Prairie Network. **2000-2005.**

Faculty Workload Committee, *Luther College*, **October 2001-November 2002.**

Community Assembly, *Luther College*, **Sept 2001-May 2002.**

Faculty Advisor, *Luther College Biology Club*. **March 2000-2011.**

Faculty for the 21st Century Member, *Project Kaleidoscope*. **May 1998-2005.**

Local Arrangements Chair, *Prairie Invertebrates Conference* at Luther College, **November 2001.**

Associate Editor for Zoology, *Journal of the Iowa Academy of Science*. **Sept 1997-Jan 2002.**

Member, Campus Life Committee, *Luther College*, **1998-2000.**

Member, Committee on Faculty Development and Research, *Luther College*, **1994-1997.**

Chair, Science Division, Luther College, 1995-1996.

Member, Ad Hoc Committee on Environmental Studies, Luther College. 1995-1996.

Papers Presented at Scientific Meetings: (*indicates undergraduate coauthors)

- *Schmitt, L. and K. Larsen. March 30, **2019**. Moth assemblages of oak-hickory forests and planted tallgrass prairies in Luther College's natural areas. *Day of Insects* conference, Reiman Gardens, Iowa State University, Ames, IA (invited talk).
- Larsen, K.J. March 20, **2018**. The challenges and successes of advancing entomological literacy at a small liberal arts college. *North Central Branch annual meeting of the Entomological Society of America*, Madison, WI. (invited symposium talk)
- *Meehan, S. E. *Glennon, A.L. *Holey, B. Gerike, L. Adrian & K.J. Larsen. Nov 6, **2017**. Monarch butterfly (*Danaus plexippus*) oviposition and larval feeding preferences on five species of milkweed (*Asclepias* sp.) in northeast Iowa. *National Meeting of the Entomological Society of America*, Denver, CO. (**second place President's Prize award winner in the Plant-Insect Ecosystem section Undergraduate poster competition**) (poster)
- *Holey, A.L., E. *Glennon, S. *Meehan, L. Adrian, B. Gerike & K.J. Larsen. Nov 6, **2017**. Recent adult monarch butterfly (*Danaus plexippus*) abundance trends in tallgrass prairies of northeast Iowa. *National Meeting of the Entomological Society of America*, Denver, CO. (poster)
- *Meehan, S. and K. Larsen. March 25, **2017**. Recent abundance trends and milkweed use by Monarch butterflies in Northeast Iowa. *Day of Insects* conference, Reiman Gardens, Iowa State University, Ames, IA (invited talk).
- Larsen, K.J., E. *Stivers and J. *Wittman. April 2, **2016**. Bees, butterflies and ground beetles: a comparison of remnant and planted prairies in northeast Iowa. *Day of Insects* conference, Reiman Gardens, Iowa State University, Ames, IA (invited talk).
- Larsen, K.J. November 17, **2015**. Sand paper and mealworms: doesn't everyone use this combination in their entomology class? *National Meeting of the Entomological Society of America*, Minneapolis, MN. (invited symposium talk)
- *Jensen, I. & K.J. Larsen. November 16, **2015**. Bee (Hymenoptera: Apoidea) diversity and floral use in remnant and planted tallgrass prairies of Northeast Iowa. *National Meeting of the Entomological Society of America*, Minneapolis, MN. (poster)
- *Stivers, E., J. *Wittman & K.J. Larsen. November 16, **2015**. A comparison of adult butterfly communities on remnant and planted prairies in Northeast Iowa. *National Meeting of the Entomological Society of America*, Minneapolis, MN. (poster)
- *Brandt, C. & K.J. Larsen. November 16, **2015**. Ground beetle communities of remnant and planted tallgrass prairies in northeastern Iowa: influence of plant community structure and recent fire. *National Meeting of the Entomological Society of America*, Minneapolis, MN. (**second place President's Prize award winner in the Plant-Insect Ecosystem Undergraduate poster competition**) (poster)
- *Bauer, A. and K.J. Larsen. March 10, **2014**. Impact of prescribed fire on plant and insect communities in a roadside prairie planting. *North Central Branch annual meeting of the Entomological Society of America*, Des Moines, IA. (10 minute paper)
- *Schuh, M. and K.J. Larsen. March 10, **2014**. Effect of *Rhamnus cathartica* (European buckthorn) invasion on the diversity and abundance of ground-dwelling insects in Northeast Iowa forests. *North Central Branch annual meeting of the Entomological Society of America*, Des Moines, IA. (10 minute paper)
- *Bauer, A. and K.J. Larsen. November 11, **2013**. Impact of prescribed fire on plant and insect communities in a roadside prairie planting. *National Meeting of the Entomological Society of America*, Austin, TX. (poster)
- *Schuh, M. and K.J. Larsen. November 11, **2013**. Effect of *Rhamnus cathartica* (European buckthorn) invasion on the diversity and abundance of ground-dwelling insects in Northeast Iowa forests. *National Meeting of the Entomological Society of America*, Austin, TX. (poster)
- * Powers, N., S. Heyer, and K.J. Larsen. November 11, **2013**. Hill prairie butterflies of Allamakee County, Iowa: a comparison of the late 1980s to 2013. *National Meeting of the Entomological Society of America*, Austin, TX. (poster)

- *Bauer, A. and K.J. Larsen. June 17, **2013**. Possible factors influencing size variability in morphology of adult *Cyclotrachelus sodalis* (Coleoptera: Carabidae). *North Central Branch annual meeting of the Entomological Society of America*, Rapid City, SD.
- Larsen, K.J. and N. *McDermond-Spies. Nov. 13, **2012**. Changes in aquatic insect communities of coldwater streams following major stream and riparian habitat improvements. *National Meeting of the Entomological Society of America*, Knoxville, TN.
- *Olson, C. and K.J. Larsen. Nov. 12, **2012**. Comparing the effect of native and introduced grasses on the development of two grass skippers (Lepidoptera: Hesperinae): the Least Skipper (*Anycloxypha numitor*) and Sachem Skipper (*Atalopedes campestris*). *National Meeting of the Entomological Society of America*, Knoxville, TN.
- Larsen, K.J. June 5, **2012**. Effect of the US-52 roadside prairie planting on plant, butterfly, and ground beetle communities. *North Central Branch annual meeting of the Entomological Society of America*, Lincoln, NE.
- *McDermond-Spies, Nikki and K.J. Larsen. June 4, **2012**. Effect of management on butterfly and ground beetle diversity in simple and diverse prairie plantings in a reconstructed prairie. *North Central Branch annual meeting of the Entomological Society of America*, Lincoln, NE.
- *Weckwerth A., J. *Wittman, S. *Heyer, C. *Weiss, J. *Seibert, L. Seigley, C. Ingels, K.J. Larsen, J. Enos-Berlage. March 6, **2012**. Exploring the Dry Run Creek Watershed: Molecules, Microbes, and Macroinvertebrates. *Iowa Water Conference*, Ames, IA
- Larsen, K.J. November 16, **2011**. Insect diversity in introductory entomology courses: Why teach it? *Annual Mtg. Entomological Society of America*, Reno, NV.
- *Zinnecker, T., F. *Fairfield, and K.J. Larsen. March 14, **2011**. A preliminary comparison of organic and spray planting methods in a roadside prairie planting on plant, butterfly, and ground beetle communities. *North Central Branch annual meeting of the Entomological Society of America*, Minneapolis, MN.
- Larsen, K.J. December 12, **2010**. Teaching at small liberal arts colleges: challenges and opportunities for the entomologist. Invited symposium presentation. *Annual Mtg. Entomological Society of America*, San Diego, CA.
- *Worthington, R.J. and K.J. Larsen. December 14, **2009**. Scarab diversity in northeast Iowa. *Annual Mtg. Entomological Society of America*, Indianapolis, IN.
- Larsen, K.J. December 16, **2009**. Carabids of northeastern Iowa roadsides. *Annual Mtg. Entomological Society of America*, Indianapolis, IN.
- Larsen, K.J. November 18, **2008**. Changes to carabid assemblages following habitat reconstruction in northeastern Iowa. *Annual Mtg. Entomological Society of America*, Reno, NV.
- *Woodin, S.C. and K.J. Larsen, November 17, **2008**. Impact of the 2008 flood on carabid assemblages in a northeastern Iowa reconstructed prairie. *Annual Mtg. Entomological Society of America*, Reno, NV.
- Larsen, K.J. December 11, **2007**. Incorporating investigative undergraduate research into a general entomology course. Invited symposium presentation. *Annual Mtg. Entomological Society of America*, San Diego, CA.
- Larsen, K.J. October 20, **2007**. Impacts of prairie reconstruction and management on ground beetles. *17th Annual Prairie Invertebrate Conference*, Decorah, IA.
- *Rouse, B.E. and K.J. Larsen. October 20, **2007**. Short-term effects of spring and midsummer burns on ground beetle abundance and diversity in a Northeastern Iowa prairie. *17th Annual Prairie Invertebrate Conference*, Decorah, IA.
- *Brantner, A.J. and K.J. Larsen. October 5, **2007**. Comparison of aquatic macroinvertebrate populations in an established spring-fed stream to a spring-fed stream re-established to its original location. Second Annual Driftless Area Symposium, Decorah, IA.
- Larsen, K.J. December 13, **2006**. Short-term changes in ground beetle assemblages following planting of a tallgrass prairie. *Annual Mtg. Entomological Society of America*, Indianapolis, IN.
- *Broman, D. & K. Larsen. December 11, **2006**. Comparison of the aquatic macroinvertebrates of a newly restored trout stream with established streams in Northeastern Iowa. *Annual Mtg. Entomological Society of America*, Indianapolis, IN. (*Awarded "Runner-up", ESA President's Prize student poster competition*)

- *Hopp, K.J. and K.J. Larsen. December 16, **2005**. Daily patterns of aquatic insect activity at the surface of a northeastern Iowa trout stream. *Annual Mtg. Entomological Society of America*, Fort Lauderdale, FL. (**Awarded "Runner-up", ESA President's Prize student poster competition**)
- Larsen, K.J. December 16, **2005**. Ground beetles and butterflies of corn and old field areas along a NE Iowa trout stream before riparian habitat restoration. *Annual Mtg. Entomological Society of America*, Fort Lauderdale, FL.
- Larsen, K.J. March 21, **2005**. Choosing where to live: factors in habitat selection by ground beetles in Northeastern Iowa. Invited Ground Beetle Symposium Presentation, *North Central Branch Meeting, Entomological Society of America*, West Lafayette, IN.
- Moya-Raygoza, G. and K.J. Larsen. November 17, **2004**. Geographic and seasonal variation of body size and color in corn leafhopper (Hemiptera: Cicadellidae) populations in Mexico. *Annual Mtg. Entomological Society of America*, Salt Lake City, UT.
- Larsen, K.J. November 17, **2004**. Forest fire intensity affects ground beetles in the Black Hills. *Annual Mtg. Entomological Society of America*, Salt Lake City, UT.
- *Hopp, K.J. & K.J. Larsen. November 15, **2004**. Temporal variation of terrestrial insect inputs into a northeastern Iowa trout stream. *Annual Mtg. Entomological Society of America*, Salt Lake City, UT.
- Osterholm, M.T., K. Larsen, J. Bennett, & B. Kalishek. August 10, **2004**. A tallgrass and oak savanna ecological restoration and coldwater stream habitat improvement project: the synergy of prairie and coldwater fisheries enthusiasts. *North American Prairie Conference*, Madison, WI.
- Larsen, K.J. October 28, **2003**. Comparison of ground beetles in original and reconstructed tallgrass prairies in Northeastern Iowa. *Annual Mtg. Entomological Society of America*, Cincinnati, OH.
- *Schmidt, N.P. & K.J. Larsen. November 18, **2002**. Comparison of three types of CRP plantings on butterflies of northeastern Iowa. *Annual Mtg. Entomological Society of America*, Fort Lauderdale, FL.
- Larsen, K.J. March 25, **2002**. The ground beetles (Coleoptera: Carabidae) of northeastern Iowa: habitat utilization patterns. Invited Biodiversity Symposium Presentation, *North Central Branch, Entomological Society of America*, East Lansing, MI.
- Larsen, K.J. December 12, **2001**. Prairie plant species richness and functional group diversity affect ground beetle assemblages. *Annual Mtg. Entomological Society of America*, San Diego, CA.
- *Weispfenning, A., Z. *Washburn, L. *Martin & K. Larsen. December 10, **2001**. Water pollution affects larval case-building behavior by the caddisfly Hesperophylax designatus. *Annual Mtg. Entomological Society of America*, San Diego, CA.
- Moya-Raygoza, G. & K. Larsen. December 12, **2001**. Temporal resource switching by ants between honeydew produced by the fivespotted gamagrass leafhopper (Dalbulus quinqueotatus) and nectar produced by plants with extrafloral nectaries. *Annual Mtg. Entomological Society of America*, San Diego, CA.
- Larsen, K.J. November 3, **2001**. Prairie Invertebrate Research at Luther College: An Update on What We Know About Ground Beetles in Prairies of Northeastern Iowa. *Prairie Invertebrates Conference*, Decorah, Ioa.
- Larsen, K.J. & J.*Givens. December 5, **2000**. Effects of spring and summer burns on ground beetle assemblages in a reconstructed tallgrass prairie. *Annual Mtg. Entomological Society of America*, Montreal, Quebec, Canada.
- *Rector, B. & K.J. Larsen. November 4, **2000**. Effects of prairie plant species richness on ground beetle abundance and diversity. *Prairie Invertebrates Conference*, Newburg, Wisconsin.
- *Givens, J. & K.J. Larsen. November 4, **2000**. Effects of spring and summer burns on ground beetle assemblages in a reconstructed tallgrass prairie. *Prairie Invertebrates Conference*, Newburg, Wisconsin.
- Larsen, K.J. July 18, **2000**. Influence of 3-year burn cycles on ground beetles of original and reconstructed tallgrass prairies of Northeastern Iowa. *North American Prairie Conference*, Mason City, Iowa.
- *Staehle, L.M. & K.J. Larsen. May 6, **2000**. Influence of ants and predators on the population dynamics of the myrmophilous leafhopper, Dalbulus quinqueotatus. *McElroy Student/Faculty Research Symposium*, Waverly, Iowa.
- Larsen, K.J. December 14, **1999**. Ground beetle responses to 3-year burn cycles in original and reconstructed tallgrass prairies. *Annual Mtg. Entomological Society of America*, Atlanta, Georgia.

- Larsen, K.J. November 2, **1999**. Ground beetle responses to 3-year burn cycles in original and reconstructed tallgrass prairies. *Prairie Invertebrates Conference*, EuClaire, Wisconsin.
- Larsen, K.J. April 24, **1999**. Habitat specialization by ground beetles (Coleoptera: Carabidae) found in northeastern Iowa prairies. *Iowa Academy of Science Annual Meeting*, Ames, Iowa.
- *Wente, D.L. & K.J. Larsen. April 24, **1999**. Movement of ground beetles (Coleoptera: Carabidae) following fire in a reconstructed tallgrass prairie. *Iowa Academy of Science Annual Meeting*, Ames, Iowa.
- *Bovee, J.A. & K.J. Larsen. April 24, **1999**. Changes in the butterfly assemblage of Winneshiek County, Iowa after 90 years. *Iowa Academy of Science Annual Meeting*, Ames, Iowa.
- Larsen, K.J. March 30, **1999**. Responses of ground beetles to fire in original and reconstructed tallgrass prairies. Invited Symposium Presentation, *North Central Branch, Entomological Society of America*, Des Moines, Iowa.
- *Wente, D.L. & K.J. Larsen. March 29, **1999**. Ground beetle (Coleoptera: Carabidae) assemblages in burned and unburned areas following fire in a reconstructed prairie. *North Central Branch, Entomological Society of America*, Des Moines, Iowa.
- Larsen, K.J. November 3, **1998**. Habitat specialization by ground beetles (Coleoptera: Carabidae) found in northeast Iowa prairies. *Prairie Invertebrates Conference*, Madison, Wisconsin.
- Larsen, K.J. December 16, **1997**. Comparison of the ground beetles in original and reconstructed tallgrass prairies. *Annual Mtg. Entomological Society of America*, Nashville, Tennessee.
- Larsen, K.J. March 25, **1997**. Impact of fire on ground beetle communities of tallgrass prairies in Northeastern Iowa. Invited Symposium Presentation, *North Central Branch, Entomological Society of America*, Columbus, Ohio.
- Larsen, K.J. December 8, **1996**. Use of a listserv discussion group to improve student learning in introductory entomology. *Annual Mtg. Entomological Society of America*, Louisville, Kentucky.
- *Williams, J.B. & K.J. Larsen. December 11, **1996**. Population activity patterns of ground beetles following fire in a reconstructed tallgrass prairie. *Annual Mtg. Entomological Society of America*, Louisville, Kentucky.
- *Coyle, D.R. & K.J. Larsen. December 11, **1996**. Comparison of baits for carrion beetle surveys. *Annual Mtg. Entomological Society of America*, Louisville, Kentucky.
- Larsen, K.J. November 11, **1996**. Ground beetles found in tallgrass prairies of northeastern Iowa. *Multi-state Prairie Insect Inventory and Management Effects Research Project Annual Meeting*, Riveredge Nature Center, Newburg, WI.
- Larsen, K.J., L.F. *Schweitz & F.F. Purrington. April 27, **1996**. Preliminary surveys of ground beetles (Coleoptera: Carabidae) found in tallgrass prairies of northeastern Iowa. *Iowa Academy of Science Annual Meeting*, Indianola, Iowa.
- *Merten, E.C., E.J. *Dotseth, K.J. Larsen & T.R. Cottrell. April 27, **1996**. A comparison of survey methods for arthropods of algific talus slopes, with comments on community structure. *Iowa Academy of Science Annual Meeting*, Indianola, Iowa.
- *Dotseth, E.J. & K.J. Larsen. December 21, **1995**. Influence of ants on the population development of the myrmecophilous leafhopper *Dalbulus quinque-notatus*. *Annual Mtg. Entomological Society of America*, Las Vegas, Nevada.
- *Schweitz, L. & K.J. Larsen. December 21, **1995**. Comparison of ethylene glycol and propylene glycol in pitfall traps for prairie ground beetles. *Annual Mtg. Entomological Society of America*, Las Vegas, Nevada.
- *Wildenberg, E., F. Gilbert & K. Larsen. December 21, **1995**. Frequency of parasitism of *Cynips divisa* on oaks in an English park. *Annual Mtg. Entomological Society of America*, Las Vegas, Nevada.
- Larsen, K.J., H.L.*Troyer and R.E. Lee. December 13, **1993**. Cold-hardiness, rapid cold-hardening, and inoculative freezing of fall migrant monarch butterflies in Ohio. *National Mtg. Entomological Society of America*, Indianapolis, Indiana.
- Larsen, K.J., A.L.*Litsch, S.R.*Brewer and D.H. Taylor. December 13, **1993**. Contrasting effects of sewage sludge on egg to adult development of two herbivores. *National Mtg. Entomological Society of America*, Indianapolis, Indiana.

- Larsen, K.J., S.R.*Brewer and D.H. Taylor. November 17, **1993**. Differential accumulation of heavy metals by web-spiders and ground-spiders in an old-field habitat. *Annual Mtg. Society of Environmental Toxicology and Chemistry*, Houston, Texas.
- Larsen, K.J. and D.H. Taylor. December 8, **1992**. Influence of sludge and fertilizer on ground beetle communities in an old-field habitat. *National Mtg. Entomological Society of America*, Baltimore, Maryland.
- Larsen, K.J., S.E. Heady and L.R. Nault. December 10, **1991**. Mutualistic interactions between ants and the leafhopper Dalbulus quinquenotatus. Invited presentation at *Video Conference. National Mtg. Entomological Society of America*, Reno, Nevada.
- Larsen, K.J. and L.R. Nault. March 19, **1991**. Overwintering biology of Dalbulus leafhoppers. *North Central Branch Mtg, Entomological Society of America*, Milwaukee, Wisconsin.
- Larsen, K.J., S.E. Heady and L.R. Nault. December 3, **1990**. Ecological and behavioral studies of the relationship between ants and the leafhopper Dalbulus quinquenotatus. *National Mtg. Entomological Soc. of America*, New Orleans, Louisiana.
- Larsen, K.J. and L.R. Nault. August 17, **1990**. Field and laboratory investigations of the relationship between ants and the leafhopper Dalbulus quinquenotatus. *7th International Auchenorrhyncha Congress and 3rd International Workshop on Leafhoppers and Planthoppers of Economic Importance*, Wooster, Ohio.
- Larsen, K.J., L.R. Nault, and W.E. Styer. December 13, **1989**. Overwintering biology of the corn leafhopper and its Dalbulus congeners. *National Mtg. Entomological Society of America*, San Antonio, Texas.
- Larsen, K.J. December 6, **1988**. Effect of temperature and host plant on the development of the blackfaced leafhopper. *National Mtg. Entomological Society of America*, Louisville, Kentucky.
- Larsen, K.J. and M.E. Whalon. May 26, **1987**. Dispersal of Paraphlepsius irroratus (Say) (Homoptera: Cicadellidae), a major vector of Peach X-disease in Michigan. *Pesticide Research Center Annual Conference, Michigan State University*, East Lansing, MI.
- Larsen, K.J. and M.E. Whalon. March 24, **1987**. Dispersal behavior of Paraphlepsius irroratus (Say)(Homoptera: Cicadellidae) in peach and cherry orchards. *North Central Branch Meeting, Entomological Society of America*, Des Moines, Iowa.
- Larsen, K.J. March 23, **1987**. Temporal and spacial distribution and dispersal patterns of Paraphlepsius irroratus (Say)(Homoptera: Cicadellidae), a major vector of X-disease in Michigan. Student Awards Competition, M.S. Research, *North Central Branch Mtg, Entomological Society of America*, Des Moines, Iowa.
- Larsen, K.J. and M.E. Whalon. December 9, **1986**. Crepuscular movement of Paraphlepsius irroratus (Say)(Homoptera: Cicadellidae), the major vector of X-disease in Michigan. *National Mtg. Entomological Society of America*, Reno, Nevada.
- Larsen, K.J. and M.E. Whalon. June 6, **1986**. Crepuscular movement by Paraphlepsius irroratus (Say)(Homoptera: Cicadellidae), the major vector of X-disease in Michigan. *32nd Annual Mtg. Michigan Entomological Society*, Ann Arbor, Michigan.
- Larsen, K.J. and M.E. Whalon. April 25, **1986**. Daily movement of Paraphlepsius irroratus (Say) (Homoptera: Cicadellidae), the major vector of X-disease in Michigan. *Pesticide Research Center Annual Conference, Michigan State University*, East Lansing, Michigan.

Former (n=20) Students Continuing to Graduate School in Entomology:

- Jedidiah Nixon** ('17) in M.S. program with Dr. Keith Philips to study cave beetles at Western Kentucky University.
- Jacob Wittman** ('12) in M.S. program with Dr. Brian Aukema to study gypsy moth dispersal at University of Minnesota.
- Daniel Gibson** ('15) Completing M.S. program with Dr. Doug Landis to study landscape insect ecology at Michigan State University.
- Austin Bauer** ('14) Completed M.S. program with Dr. Johanne Brunet to study pollination biology and evolutionary ecology at the University of Wisconsin-Madison.

- Marissa Schuh** ('14) Commercial vegetable production educator with Michigan Cooperative Extension Service. Completed M.S. program with Dr. Doug Landis studying landscape insect ecology at Michigan State University.
- Joe Wheelock** ('11) Completed M.S. program with Dr. Matt O'Neil in biological control at Iowa State University.
- Reese Worthington** ('10) Completed Ph.D. with Dr. Paul Lago, University of Mississippi (Old Miss)
- Alycia Soper** ('09) Medical Entomologist with the Armed Forces Pest Management Board, U.S. Air Force. Completed Ph.D. and M.S. in entomology at Kansas State University (KSU) with Dr. Brian McCornack ('98).
- Amy Morey** ('06) currently postdoc at the University of Minnesota. Completed Ph.D. program in corn IPM at University of Minnesota with Dr. Bill Hutchinson.
- Katie (Hopp) Caterino** ('06) Was agricultural biologist with Agricultural Commissioner of Santa Barbara, CA after completing M.S. program in beetle systematics at Montana State University with Dr. Mike Ivie.
- Nick Schmidt** ('04) Field Entomologist at DuPont Pioneer after completing M.S. and Ph.D. with Dr. Matt O'Neil in biological control at Iowa State University.
- Rebecca (Goggins) Sam** ('97) completed Ph.D. program in insect systematics at ISU with Dr. Greg Courtney.
- Michele (VanVeldhuizen) Yoder** ('01) completed a M.S. program in biological control with Dr. David Ragsdale at University of Minnesota.
- Ben Werling** ('01) Vegetable Extension Educator with Michigan Cooperative Extension Service. Completed postdoc at Michigan State University with Doug Landis after completing a Ph.D. program with Dr. Claudio Gratton at University of Wisconsin-Madison and M.S. program with Dr. Brian Nault, Department of Entomology, Cornell University, Ithaca, NY.
- Katie Marske** ('01) assistant professor of biology, University of Oklahoma studying phylogeography of biodiversity. Completed postdoc in Denmark, Ph.D. in New Zealand and M.S. program with Dr. Michael Ivie, Department of Entomology, Montana State University, Bozeman, MT.
- Alycia Ashburn** ('99) currently director of the Creation Care Campaign, Sojourners, in Washington, DC after working on M.S. in conservation biology with Dr. Richard Lindroth, Department of Entomology, University of Wisconsin, Madison.
- Brian McCornack** ('98), Associate Professor of Entomology, Kansas State University. Completed Ph.D. with Dr. David Ragsdale, University of Minnesota and M.S. with Dr. Ed Grafius, Department of Entomology, Michigan State University.
- Jason Williams** ('97), Associate Professor of Biology, Southern Illinois University. Completed post-doc at UNLV after completing Ph.D. working on insect cold hardiness with Dr. Richard Lee, Department of Zoology, Miami University, Oxford, Ohio.
- David Coyle** ('97) Extension Associate in Forest Health in Georgia. Completed postdoc at University of Georgia, Ph.D. with Dr. Ken Raffa at University of Wisconsin-Madison after working for USFS as forest entomologist M.S. in 2000 with Dr. Woody Hart, Department of Entomology, Iowa State University, Ames.
- Eric Dotseth** ('96) State public health entomologist for West Virginia, after working for LaCrosse Mosquito Control District and the Idaho extension service after completing M.S. with Dr. Norm Johnson, Department of Entomology, Ohio State University, Columbus.

Students Receiving Awards/Recognition from the Entomological Society of America

- 2017 **Shannon Meehan** - second place PI-E section B.S. student poster competition at National ESA mtg
- 2015 **Clare Brandt** – second place PI-E section B.S. student poster competition at National ESA mtg
- 2014 **Austin Bauer** – student travel scholarship, North Central Branch, ESA
- 2014 **Marissa Schuh** – student travel scholarship, North Central Branch, ESA

- 2012 **Nikki McDermond-Spies** – runner up, B.S. category, P-IE poster competition at NCB mtg
2010 **Reese Worthington** - P-IE section Undergraduate Achievement in Entomology Award
2006 **Derek Broman** – second place, Section Cd3 Student Poster Competition at National ESA mtg
2005 **Katie Hopp** - BioQuip Undergraduate Scholarship
2005 **Katie Hopp** – second place, Section Cd4 Student Poster Competition at national ESA mtg
1995 **Eric Dotseth** - Entomological Foundation Undergraduate Scholarship
1993 **Eric Dotseth** - Iselin & Associates Undergraduate Scholarship

Undergraduate Student Research Collaborations: *(except in significant cases, no longer listing numerous collaborative research students worked with during each school year)*

- Lena Schmitt, summer 2018. **Summer Research Student.** Moth communities in tallgrass prairie and oak forest habitats in Northeast Iowa (funded by student/faculty collaborative research grant).
- Anna Li Holey, summer 2017. **Summer Research Student.** Monarch butterfly abundance and milkweed use in Northeast Iowa (funded by HHMI grant).
- Elizabeth Glennon, summer 2017. **Summer Research Student.** Monarch butterfly abundance and milkweed use in Northeast Iowa (funded by HHMI grant).
- James Miller, spring 2017. **AAA Research student.** Behavioral observation data collection software development.
- Matthew Peterson, summer 2016. **Summer Research Student.** Effect of a prescribed burn in Flying Squirrel Forest on ground beetles (funded by student/faculty collaborative research grant).
- Shannon Meehan, summer 2016. **Summer Research Student.** Monarch butterfly abundance and milkweed use in Northeast Iowa (funded by HHMI grant).
- Brian Gerike, summer 2016. **Summer Research Student.** Monarch butterfly abundance and milkweed use in Northeast Iowa (funded by HHMI grant).
- Clare Brandt, summer 2015. **Summer Research Student.** Ground beetle communities of remnant and planted tallgrass prairies in Northeast Iowa: Impacts of plant community diversity and fire (funded by Rulon Endowment)
- Isaac Jensen, summer 2015. **Summer Research Student.** Bee diversity and floral resource use comparing remnant and reconstructed tallgrass prairies in Northeast Iowa (funded by student/faculty collaborative research grant).
- Emma Stivers, summer 2015. **Summer Research Student.** A comparison of butterflies on remnant and reconstructed prairies of northeast Iowa (funded by HHMI grant).
- Jacob Wittman, summer 2015. **Summer Research Student.** A comparison of butterflies on remnant and reconstructed prairies of northeast Iowa (funded by HHMI grant).
- Jedidiah Nixon, summer 2014. **Summer Research Student.** Sand prairie and survey of *Fitchiella robertsoni* at Spirit Knoll State Preserve. (funded by DNR wildlife diversity grant)
- Marissa Schuh, summer 2013-spring 2014. **Summer Research Student.** Effect of European buckthorn on ground-dwelling insects in NE Iowa forests (funded by student/faculty collaborative research grant).
- Austin Bauer, summer 2013-spring 2014. **Summer Research Student.** Impact of fire on plant and insect communities within a roadside prairie planting along US-52 (funded by Iowa Living Roadway Trust Fund grant).
- Joshua Nelson, summer 2013. **Summer Research Student.** Survey of ticks in NE Iowa and incidence of Lyme disease in deer ticks (funded by student/faculty collaborative research grant).
- Nicole Powers and Sharon Heyer, **summer 2013.** Summer HHMI Research Trio. Butterflies of hill prairies in Allamakee County: a 30-year followup survey (funded by HHMI grant).
- Nikki McDermond-Spies, summer 2012. **Summer Research Student.** Impact of a roadside prairie planting on plant and insect communities along US-52 (funded by Iowa Living Roadway Trust Fund grant).

- Calla Olson, summer and fall 2012. **Summer Research Student.** Comparing the effect of native and introduced host plants on grass skippers of NE Iowa (funded by student/faculty collaborative research grant).
- Marissa Schuh, summer 2012. **Summer Research Student.** Aquatic insect diversity of Waterloo Creek, Duck Creek, South Pine Creek, and Brook Creek.
- Emma Spoon, summer 2011. **Summer Research Student.** Impact of a roadside prairie planting on plant and insect communities along US-52 (funded by Iowa Living Roadway Trust Fund grant).
- Nikki McDermond-Spies, summer 2011. **Summer Research Student.** Impact of prairie planting and management on plant and insect communities of Anderson Prairie (funded by student/faculty collaborative research grant).
- Jered Bourquin, summer 2011. **Summer Research Student.** Aquatic insect diversity of Waterloo Creek, Duck Creek, South Pine Creek, and Brook Creek.
- Peter Kraus, summer 2011. **Summer Research Student.** Followup study after streambank reconstruction of daily and monthly patterns of summer aquatic and terrestrial insect drift in a northeastern Iowa stream (funded by student/faculty collaborative research grant).
- Fran Fairfield, summer 2010. **Summer Research Student.** Impact of burning and mowing in Gateway Prairie on plant and insect communities (funded by student/faculty collaborative research grant).
- Tyler Zinnecker, summer 2010. **Summer Research Student.** Impact of a roadside prairie planting on plant and insect communities along US-52 (funded by Iowa Living Roadway Trust Fund grant).
- Nick Andresen, summer 2010. **Summer Research Student.** Aquatic insect diversity of Waterloo Creek, Duck Creek, South Pine Creek, and Brook Creek.
- Reese Worthington, summer 2009. **Summer Research Student.** Scarab beetle diversity of NE Iowa (funded by student/faculty collaborative research grant).
- Peter Kraus, summer 2009. **Summer Research Student.** Aquatic insect diversity of Waterloo Creek, Duck Creek, South Pine Creek, and Brook Creek.
- Kirstin Manges, summer 2009. **Summer Research Student.** Impact of a roadside prairie planting on plant and insect communities along US-52.
- Eric Anderson, summer 2008. **Summer Research Student.** Aquatic insect diversity of Waterloo Creek, Duck Creek, South Pine Creek, and Brook Creek.
- Ben Kratchmer, summer 2008. **Summer Research Student.** Baseline study of plant and insect communities along US-52 (funded by Iowa Living Roadway Trust Fund grant).
- Scott Woodin, summer 2008. **Summer Research Student.** Impact of the summer 2008 flood on ground beetles of Gateway Prairie.
- Amy Saupe, Fall 2007. **Directed Research Student.** Effects of fire and mowing on plant productivity and litter production in the “old” part of Anderson Prairie.
- Brian Rouse, Summer 2007. **Summer Research Student.** Ground beetles of Anderson Prairie and Gateway Prairie.
- Tony Brantner, Summer 2007. **Summer Research Student.** A comparison of the aquatic insects of Waterloo Creek, Duck Creek, South Pine Creek, with Brook Creek, a new stream created in 2004.
- Kevin Kenealy, Summer 2006. **Summer Research Student.** A comparison of the aquatic insects of Waterloo Creek, Duck Creek, South Pine Creek, with Brook Creek, a new stream created in 2004.
- Michelle Burns, Spring 2006. **Directed Research Student.** Ground beetles of NE Iowa Prairies.
- Derek Broman, Summer 2005. **Summer Research Student.** A comparison of the aquatic insects of Waterloo Creek, Duck Creek, South Pine Creek, with Brook Creek, a new stream created in 2004.
- Mike Thompson, Summer 2005. **Summer Research Student.** A comparison of the aquatic insects of Waterloo Creek, Duck Creek, South Pine Creek, with Brook Creek, a new stream created in 2004.
- Abbey Chamberlain, Fall 2004. **Academic Administrative Assistantship.** *Insects of Waterloo Creek.*
- Carrie Beaver, Spring 2005. **Academic Administrative Assistantship.** *Insects of Waterloo Creek.*
- Jarrod Quinlivan, Fall 2004. **Directed Research Student.** Cold tolerance of yellow mealworm beetles.
- Matt Kinney, Fall 2004. **Directed Research Student.** Cold tolerance of yellow mealworm beetles.

- Mike Thompson, Fall 2004. **Directed Research Student**. Ground beetles of the Waterloo Creek habitat restoration project.
- Katie Hopp, Fall 2004. **Iowa College Foundation R.J. McElroy Student/Faculty Research program**. *The impact of a prairie reconstruction on terrestrial insect inputs into Waterloo Creek.*
- Katie Hopp, Summer 2004. **Summer Research Student**. *The impact of a prairie reconstruction on terrestrial insect inputs into Waterloo Creek.*
- Holly Johnson, Spring 2004. **Directed Research Student**. Ground beetles of forest fire sites in the Black Hills of South Dakota.
- Deneb Woods, Summer 2003. **Lancy Scholar**. *Impact of a prairie reconstruction on ground beetle community dynamics.*
- Anna Rauk, Spring 2003. **Directed Research Student**. *Morphological variation of corn leafhoppers from Mexico.*
- Nick Schmidt, Summer 2002. **Lancy Scholar**. *Comparison of three types of conservation reserve program (CRP) plantings on butterflies of Northeastern Iowa.*
- Andrew Weispfenning, Spring 2001. **Directed Research Student**. *Water pollution affects caddisfly case-building behavior.*
- Laura Martin, Spring 2001. **Directed Research Student**. *Water pollution affects caddisfly case-building behavior.*
- Zachary Washburn, Spring 2001. **Directed Research Student**. *Water pollution affects caddisfly case-building behavior.*
- Sarah Simonson, Spring 2001. **Directed Research Student**. *Ants of Anderson Prairie.*
- Matthew Ough, Fall 2000. **Directed Research Student**. *Supercooling points of developmental stages of the yellow mealworm.*
- Cherilyn Hyndman, Fall 2000. **Directed Research Student**. *Supercooling points of developmental stages of the yellow mealworm.*
- Bethany Rector, Summer 2000. **REU-Cedar Creek LTER Site**. *Effect of plant species richness on ground beetle (Coleoptera: Carabidae) abundance and diversity.*
- Jessica Givens, Summer 2000. **Summer Collaborative Research Student**. *Recolonization of tallgrass prairie following fire by ground beetles.*
- Lane Staehle, Fall 1999. **Iowa College Foundation R.J. McElroy Student/Faculty Research program**. *Influence of ants and predators on the population dynamics of the myrmophilous leafhopper, Dalbulus quinque-notatus.*
- Megan Johnson, Fall 1997, Spring & Fall 1998, Fall 1999. **Academic Administrative Assistantship**. *Tallgrass prairie ground beetle ecology.*
- Lane Staehle, Fall 1998 & Spring 1999. **Academic Administrative Assistantship**. *Database development of the Luther College Research Insect Collection.*
- Jennifer Bovee, Summer & Fall 1998. **Summer Collaborative Research Student**. *Butterflies of Winneshiek County.*
- David Wente, Summer & Fall 1998. **Summer Research Assistant**. *Recolonization of burned tallgrass prairie by ground beetles.*
- Mark Pingenot, Fall 1997 & Spring 1998. **Academic Administrative Assistantship**. *Tallgrass prairie ground beetle ecology.*
- Alycia Ashburn, Spring 1997. **Directed Research Student**. *Investigations in insect physiology and insecticide toxicology.*
- Brian McCornack, Spring 1997. **Directed Research Student**. *Investigations in insect physiology and insecticide toxicology.*
- Jason Williams, Spring, Summer & Fall 1996 & Spring 1997. **Summer Research Assistant**. *Inventory and study of the effect of fire on ground beetles of northeastern Iowa's tallgrass prairies.*
- David Coyle, Summer 1996. **Summer Collaborative Research Student**. *Survey to determine the status of the endangered American burying beetle in northeastern Iowa.*

- Eric Dotseth, Spring & Fall 1995. **Directed Research Student.** *Influence of ants on population development of myrmecophilous Dalbulus leafhoppers.*
- Lea Schweitz, Summer 1995. **Summer Collaborative Research Student.** *A comparison of ethylene glycol and propylene glycol in pitfall traps for prairie ground beetles.*
- Lea Miller, Summer 1994. **Summer PEW Research Assistant.** *Ground beetle communities of virgin and restored tall-grass prairies of northeastern Iowa and northcentral Illinois.*
- Chun Shi, Fall 1994. **Directed Research Student.** *Characterization and comparison of the composition of honeydew from two species of Dalbulus leafhoppers.*
- Amy Litsch, Fall 1992. **Directed Research Student.** *Contrasting effects of sewage sludge and commercial fertilizer on egg to adult development of two herbivorous insect species.*

Invited Talks and Seminars Presented:

- Recent Abundance Trends and Milkweed Use by Monarch Butterflies in Northeast Iowa*, with student Shannon *Meehan. March 25, **2017**. Iowa Day of Insects conference, Reiman Gardens, **Iowa State University**, Ames, IA.
- Bees, butterflies, and ground beetles: a comparison of remnant and planted prairies in northeast Iowa*, with Jacob *Wittman & Emma *Stivers. April 9, **2016**. Iowa Day of Insects conference, Reiman Gardens, **Iowa State University**, Ames, IA.
- The Ball-nosed Hopper at Spirit Knoll State Preserve*. October 10 & 11, **2014**. Iowa DNR **State Preserves Advisory Board** and Iowa Archeological Society meetings, Dorothy Pecaut Nature Center, Sioux City, SD.
- Insects and other Critters (i.e. Fish Food!) IN and ON the stream*. April 3, **2014**. Driftless Chapter of **Trout Unlimited**, Decorah, IA.
- Ottoes, Baltimores, and Rattlers, Oh My!* with student Nicole *Powers. March 29, **2014**. Iowa Day of Insects conference, Reiman Gardens, **Iowa State University**, Ames, IA.
- Insects of Middle Earth: Big, Bad, Bizzare and Beautiful*. April 6, **2013**. Iowa Day of Insects conference, Reiman Gardens, **Iowa State University**, Ames, IA.
- Ground Beetles, Prairie and Fire: Managing for Biodiversity*. March 8, **2011**. Department of Entomology Seminar, **University of Minnesota**, St. Paul, MN.
- Exciting Undergraduates about Entomology: Bugology at Luther College*. with student R.J. *Worthington. March 6, 2010. Iowa Day of Insects Conference, Reiman Gardens, **Iowa State University**, Ames, IA.
- Ground Beetles, Prairie and Fire: Managing for Biodiversity*. October 21, **2009**. Tallgrass Prairie Center, **University of Northern Iowa**, Cedar Falls, IA.
- Ground Beetles, Prairie and Fire: Managing for Biodiversity*. February 8, **2008**. Department of Entomology Colloquium, **University of Wisconsin**, Madison, WI.
- Serving God through the Study of Insects: Why Entomology?* March **2007**. Biology Dept. Seminar, **Wheaton College**, Wheaton, IL.
- Beetles, Prairie and Fire: "Call 911?" or "Burn, Baby, Burn!"*. Nov 2006. Biology Dept. Seminar, **Calvin College**, Grand Rapids, MI.
- Beetles, Prairie and Fire: "Call 911?" or "Burn, Baby, Burn!"*. June 26, **2006**. Seminar, **Wheaton College Science Station**, Rapid City, SD.
- Beetles, Prairie and Fire: "Call 911?" or "Burn, Baby, Burn!"*. March 31, **2005**. Biology Colloquium, **Luther College**, Decorah, IA.
- Ecology of Fire in the Black Hills*. June 14, **2004**. Seminar, **Wheaton College Science Station**, Rapid City, SD.
- Trading Fast food for protection: a mutualism between ants and leafhoppers*. August 9, **2000**. Seminar, Cedar Creek Natural History Area, **University of Minnesota**, Bethel, MN.
- Ground beetles and fire in tallgrass prairies: implications for prairie management*. October 24, **1997**. Biology Dept. seminar, **Hope College**, Holland, MI.

- Trading fast food for protection: a mutualism between ants and leafhoppers.* April 24, **1995**. Department of Entomology seminar series, **Iowa State University**, Ames, IA.
- Mutualism between ants and leafhoppers: trading fast food for protection.* September 28, **1993**. Biology Colloquium, **Luther College**, Decorah, IA.
- Mutualism between ants and leafhoppers: trading fast food for protection.* November 20, **1992**. Biology Dept. seminar, **Calvin College**, Grand Rapids, MI.
- Trading fast food for protection: mutualism between ants and leafhoppers.* November 19, **1992**. Biology Dept. seminar, **Hope College**, Holland, MI.
- Learning through personal experiences: biological and cultural lessons from Mexico.* February 25, **1992**. Biology Dept. seminar, **Northland College**, Ashland, WI.
- The Dalbulus Leafhopper Saga Continues: Winter Survival and Ant Interactions.* March 6, **1991**. Ph.D. Dissertation Defense Seminar, Dept. of Entomology, **OARDC/Ohio State University**, Wooster, OH.
- Local movement of a leafhopper vector of peach X-disease in Michigan.* May 13, **1988**. Dept. of Entomology seminar, **OARDC/Ohio State University**, Wooster, OH.
- Temporal and spacial distribution and dispersal patterns of Paraphlepsius irroratus (Say)(Homoptera: Cicadellidae), a major vector of X-disease in Michigan.* May 28, **1987**. M.S. Thesis Defense seminar, Dept. of Entomology, **Michigan State University**, East Lansing, MI.
- An urban integrated pest management plan for use in Michigan schools.* March 19, **1987**. with D. Miller, J. Mena, S. Ozminski, L. Shern, and Y. Suhaya. Dept. of Entomology seminar, **Michigan State University**, East Lansing, MI.
- The epidemiology of X-disease in Michigan peach and cherry orchards, and movement behavior of its leafhopper vectors.* March 11, **1987**. Biology Dept. seminar, **Calvin College**, Grand Rapids, MI.

Non-Refereed Publications:

- Larsen, K.J. **2017**. The role of Anderson Prairie in our educational mission. *AGORA* 29(2):10-14.
- Larsen, K.J. **2003**. Last Stand of the Tallgrass Prairie? *AGORA* 15(3):33-38.
- Larsen, K.J. **2001**. Biodiversity in the Heartland: Prairies are our Rainforests. *AGORA* 13(2): 15-17.
- Larsen, K.J. **2000**. Project Kaleidoscope: Reforming Education in the Natural Sciences. *AGORA* 12(2): 4-5.
- Larsen, K.J. **2001**. Fire plays important role in managing Luther's Anderson Prairie. *Decorah Public Opinion* 137(23): A1-A 2.
- Larsen, K.J. **1995**. Bugs, Us, God and Stewardship. *AGORA* 8(1): 127-129.