

Conard Environmental Research Area

McGranahan, Devan, and Shonda Kuiper
Stein, Freya

Abel, Alexis, Melissa Bruneau, and Russel Sandford

Alford-Jones, Kelsey, Michaela Meckel, and Beth Lewis
Arends, Jason, Ming Gu, and Matthew Lundberg
Asrat, Meron, Jennifer Holm, and Stacie Kossoy

Austin-Petersen, Andrew, Natalie Larson, and Darryl Neufeld

Batterman, Sarah, Monica Mueller, and Dan Prignitz
Blair, Eli and Zoe Fleer

Carr, Whitney, Eric Gillis, and Jay Jin
Dribin, Amy, Ilana Meltzer, and Anne Nissen

Janson, Lara, Liz Mallott, and Louis McGinty
Maginniss, Andrew, Anna Moseman, and Jenny Noyce

McNearney, Patrick, Justin Riley, and Alan Wennersten

Mitros, Chris, Siobhan McIntyre, and Beth Moscato-Goodpaster

Wineinger, Nathan, and James Kopeck

Arnold, Katie, Devan McGranahan, and Liz Seifert

Blodgett, Helen, Georgia Hart and Maria Stanislaw
Brands, Pete, Justin Hoest, and Naomi Marsh

Briguglio, Louise, Per Janson, and Lisa Oswald

Carter, Dan, Dan Lesh, and Ann Mogush

Collopy, Dree, Kate Mannion, and Alison Mynsberge
Coriell, Rick, Jon Dagleish, and Allie Levinsky

Student Research

2003 Avian migration patterns and the role of *Rosa multiflora*

2003 Iowa coyotes (*Canis latrans*) and the mesopredator-release hypothesis: Is it a dog-eat-dog world?

2002 Variation in pollinator visitation is not dictated by flower color differences associated with sex phase in *Claytonia virginica*

2002 Floral density and pollen receipt in *Claytonia virginica*

2002 Effect of nectar robbing on reproductive success of *Dicentra cucullaria*

2002 *Viola sororia* may have a higher pollination rate than *Viola pennsylvanica*

2002 *Quercus macrocarpa* has no significant effect on surrounding soil in restored savannas

2002 Effects of spring and fall burns on C3 and C4 productivity

2002 Early growth stages of *Lespedeza cuneata* are a factor in its ability to colonize in tallgrass prairies

2002 Bee Scent™: Those bees aren't stupid!

2002 Tricking the pollinators? Color differences in male and female *Begonia nigricans* flowers

2002 Soil temperature and arthropod abundance are lower near ant mounds

2002 Variable effects of tree-cover on plant productivity and diversity of forbs and shrubs

2002 Trampling increases soil compaction; soil compaction depresses vigor of *Andropogon gerardii*

2002 Annual burning affects soil pH and total nitrogen content in the CERA oak woodlands

2002 The dark side of plant sex--inbreeding depression in *Clarkia xantiana* and *Clarkia exilis* (Onagraceae)

2000 Infrequently burned prairies dominated by *Andropogon gerardii* and their role in carbon sequestration

2000 Annual burning decreases density in upper soil layers of the seed bank

2000 Effects of topography on the relationship between soil conditions and the vigor of *Andropogon gerardii* and *Sorghastrum nutans*

2000 Competition has a greater effect than supplemental nutrients on the growth of *Sorghastrum nutans* and *Bromus kalmii*

2000 Fire and mowing have effects on the density of Asteraceae and Fabaceae

2000 Small mammals are integral to the maintenance of the tallgrass prairie

2000 Burning has little effect on seed production in a restored prairie

1969-present

Conard Environmental Research Area

Kirkwood, Meghan, Laura Shapiro, and Xylina Walker

Robertson, Morgan M.

Besse, Ian and Jennifer Thornton

Bliss, Greta, Laura Marz, and Sacha Steenhoeck

Bode, Sarah, Allyson Goose, and Chuch Warpehoski
Civettini, Andrew J, Gordon B. Rice, and Jordan H. Serin

Crowley, Caitlin Nora, Seth Michael Ford, and Lindsay Marie Hagy

Diller, Adam
Kenepp, Evie
Kustritz, Maria and Rachel Melis

Jackson, Andrea
Lambert, Laura
McDonald, Tami

Hanley, Alan
Robertson, Morgan M.

Hollingsworth, Jennifer
Uno, Shinsuke

Carroll, Shauna
Nyhus, Karin
Wright, Lindsey C.
Werntz, James H.
deGroh, Teresa deGroh
Silano, Martha
Werntz, James H.

Wilson, Reid

Higgins, Jonathan
Mott, Stephen Hamilton

Student Research

2000 Edaphic prairie arthropods, with the exception of Diptera, show no reaction to seasonal burns

2000 Savanna estoration at CERA: Data and resources for an experimental site in ecological restoration

1999 Burning and mowing have no effect on water content, ph or organic matter in prairie and forest soils at CERA

1999 Forest fire has no effect on abundance or diversity of edaphic arthropods at CERA

1999 Ant mounds influence soil composition, but not vegetation

1999 Basal stem width, and herbivory differ in galled ramets versus ungalld ramets for *Solidago altissima*

1999 Allocation of clonal growth in golderrrod varies across species and environments

1999 The effects of burning and mowing on the growth of *Lespedeza cuneata*

1999 Burning reduces nematode abundance in reconstructed prairies

1999 Over reliance on annual burning, with or without mowing, may be harmful to soil arthropods

1994 Genetic diversity in *Aster laevis* at CERA

1994 Water quality in two contrasting lakes in Central Iowa

1994 Genetic diversity within and between populations of Indiangrass (*Sorghastrum nutans*) in Iowa tallgrass prairie remnants

1993 Savanna search by topsoil depth and baseline flora data for CERA

1992 History, restoration and fire-management of an abrupt prairie-forest ecotone

1990 CERA forest community structure

1990 Forest composition and dynamcs: Predicting successional patterns in upland CERA

1986 Fox squirrel vocalizations

1984 Environmental profile of Perry Lake, 1984

1984 An ecological study of Perry Lake, 1984

1983 An inventory and management proposal for CERA

1982 Airborne pollen study at CERA

1982 The prairie

1982 Floodplain tree growth and species distribution at the N. E. corner of CERA

1980 A study of the relationships between zooplankton and algal colonization

1979 Zooplanton migration

1977 Aspects of population ecology concerning the largemouth bass population at CERA Lake

1969-present

Conard Environmental Research Area

Ranney, J. Warren

Schaffner, Toby

DeLong, Karl

Holcomb, Harmon

Murch, Don and Dave Wright

Sturgeon, Rick

Weston, Dan

Breed, Mike

Sturgeon, Rick

Madson, Christopher

Vognar, Linda

Kodi, Philippe

Daugherty, Jerome

Madson, Christopher

Reihman, Mary Ann

Dubach, Brent

Hilborn, Ray

Bjork, Rebecca

Gonzalez, Katie

Higgins, Jonathan

Madson, Christopher

Wall, Richard

Student Research

1969-present

1977 Forest island edges--Their structure, development, and importance to regional forest ecosystem dynamics

1977 CERA Pond Project

1976 Age, growth, and population estimates of Sunfish at CERA

1976 Essentials of the scale method for age and growth studies of fish populations

1974 Further study of the Western Fox Squirrel at CERA

1973 CERA Lake fish survey and stocking recommendations

1973 The fish fauna of Lake CERA

1972 A comparative study of insect communities at CERA

1972 Minnow dispersal in the Norh Skunk River

1971 Behavior patterns of the Western Fox Squirrel (*Sciurus niger rufiventer*) in and around its residences

1971 Characterization of weed genera by soil type at CERA

1970 Soil erosion and its control

1969 A study of weed population at CERA

1969 Size, distribution, and movement of squirrel populations in two woodlots on the Conard Experimental Research Area

1969 A taxonomic study of the Conard Environmental Research Area in summer, 1969

1968 Fluctuations in populations of Collembola at CERA

1968 The influence of temperature on the body weight and food consumption in *Peromyscus maniculatus*

An analysis of wind damage in the CERA woodlot

Genetics of two populations of *Daphnia*

Evaluation of data from the Perry Lake study

Population and activity concentrations in the Western Fox Squirrel at CERA

Fall flora of the Environmental Research Area