

# Biological Sciences

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## Department Information

- **Department Chair:**  
Julia H. Bowsher, Ph.D.
- **Graduate Coordinator:**  
Steve Travers, Ph.D.
- **Department Location:**  
201 Stevens Hall
- **Department Phone:**  
(701) 231-7087
- **Department Email:**  
ndsu.biological.sciences@ndsu.edu
- **Department Web Site:**  
www.ndsu.edu/biology/ (<http://www.ndsu.edu/biology/>)
- **Application Deadline:**  
Applications must be submitted by January 15 for full consideration for GTA or GRA positions.\*
- **Credential Offered:**  
Ph.D., M.S.
- **English Proficiency Requirements:**  
TOEFL ibt 79; IELTS 6.5; Duolingo 105

### **Laura Aldrich-Wolfe, Ph.D.**

Cornell University, 2006  
Research Interests: Community Ecology, Mycorrhiza and Plant-fungal Interactions

### **Julia H. Bowsher, Ph.D.**

Duke University, 2007  
Research Interests: Evolutionary and Developmental Biology of Insects

### **Ned A. Dochtermann, Ph.D.**

University of Nevada, 2009  
Research Interests: Evolutionary and Behavioral Ecology

### **Erin H. Gillam, Ph.D.**

University of Tennessee-Knoxville, 2007  
Research Interests: Evolution and Behavioral Function of Communication Signals Using Bats as a Model

### **Kendra J. Greenlee, Ph.D.**

Arizona State University, 2004  
Research Interests: Comparative Physiology, Insect Respiration and Immunology

### **Timothy J. Greives, Ph.D.**

Indiana University, 2009  
Research Interests: Hormones and Behavior, Seasonality, Biological Rhythms, Reproductive Eco-physiology

### **Britt Heidinger, Ph.D.**

Indiana University, 2007  
Research Interests: Physiological Ecology, Senescence, Stress Physiology

### **Angela Hodgson, Ph.D.**

University of Minnesota, 2010  
Research Interests: Ecosystem Biology and Wildlife Conservation Biology

### **Jiha Kim, Ph.D.**

University of Georgia, 2006  
Research interests: Tumor Microenvironment

### **Jennifer L. Momsen, Ph.D.**

Rutgers, 2007

Research Interests: Biology Education at the Undergraduate Level

**Lisa M. Montplaisir, Ph.D.**

University of Arizona, 2003

Research Interests: Science Education, Teaching and Learning, Curriculum Development

**Marinus L. Otte, Ph.D.**

Vrije Universiteit, 1991

Research Interests: Wetland Science, Biogeochemistry, Plant Ecophysiology

**Katie M. Reindl, Ph.D.**

North Dakota State University, 2006

Research Interests: Cancer Cell Biology, Identification and Validation of New Drug Targets

**Sarah Signor, Ph.D.**

University of California-Davis, 2013

Research interests: Insect Evolutionary Genomics

**Matthew Smith, Ph.D.**

University of Arkansas, 2012

Research Interests: Patterns of Phenotypic Variation in Natural Populations

**Craig A. Stockwell, Ph.D.**

University of Nevada, 1995

Research Interests: Evolutionary Ecology of Vertebrate Populations, Conservation Biology, Fisheries Biology

**Steven E. Travers, Ph.D.**

University of California-Santa Barbara, 1998

Research Interests: Plant Evolutionary Ecology

## Emeritus

**William J. Bleier, Ph.D.**

Texas Tech University, 1975

Research Interests: Blackbirds, Animal Depredation, Avian Ecology

**Malcolm G. Butler, Ph.D.**

University of Michigan, 1980

Research Interests: Aquatic Ecology, Limnology, Fisheries, Water Quality, Wildlife Management

**Gary K. Clambey, Ph.D.**

Iowa State University, 1975

Research Interests: Ecology and Biogeography, Environmental Analysis and Planning, Structure Function Relations in Midwestern Ecosystems, Human Ecology

**Theodore L. Esslinger, Ph.D.**

Duke University, 1974

Research Interests: Lichenology; Taxonomy, Chemosystematics, and Floristics of Lichens; Emphasis on the Parmeliaceae and Physciaceae

**James W. Grier, Ph.D.**

Cornell University, 1975

Research Interests: Eagles and Other Birds of Prey, Herpetology, Aquatic Organisms, Fossils, Animal Population Dynamics, Habitat Ecology

**Gary L. Nuechterlein, Ph.D.**

University of Minnesota, 1980

Research Interests: Behavioral Ecology of Birds; Wildlife Ecology, Particularly of Nongame Species

## Adjunct

**Michael J. Anteau, Ph.D.**

Louisiana State University, 2006

**Mark E. Clark, Ph.D.**

University of Tennessee, 1996

**Ned H. Euliss, Jr., Ph.D.**

Oregon State University, 1989

**Mark A. Hanson, Ph.D.**

North Dakota State University, 1990

**Douglas H. Johnson, Ph.D.**

North Dakota State University, 1986

**George M. Linz, Ph.D.**

North Dakota State University, 1982

**Daniel C. McEwen, Ph.D.**

North Dakota State University, 2008

**David M. Mushet, Ph.D.**

North Dakota State University, 2010

**Wendy L. Reed, Ph.D.**

Iowa State University, 2000

**Marsha A. Sovada, Ph.D.**

North Dakota State University, 1993

**Steve K. Windels, Ph.D.**

Michigan Technological University, 2008

**Brian Wisenden, Ph.D.**

University of Western Ontario, 1993