

CURRICULUM VITAE
Karen E. Petersen

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EDUCATION

Ph.D. Biology 1983, University of New Mexico
M.S. Biology 1977, University of New Mexico
B.S. Zoology 1975, University of Nebraska-Lincoln

DISSERTATION, July 1983

Through the looking glass: search for pattern in mammalian morphological communities.

PROFESSIONAL POSITIONS

Senior Lecturer Full Time, Dept. of Biology, University of Washington, Autumn 2015 to present
Senior Lecturer Part Time, Dept. of Biology, University of Washington, Autumn 2013 - Su 2015
Lecturer Part Time, Dept. of Biology, University of Washington, 2003-Summer 2013
Lecturer Part Time, Dept. of Zoology, University of Washington, January 1991 - 2003
Physiology Lecturer, PA Program, MEDEX, University of Washington, Sept. 1990 - Dec. 1990
Assistant Professor, Department of Biology, Univ. of Central Arkansas, August 1989 - May 1990
Visiting Assistant Professor, Dept. of Biology, Austin Peay State Univ., Aug. 1988 - July 1989
Visiting Assistant Professor, Dept. of Biology, University of South Florida, Aug. 1986 - July 1988
Visiting Lecturer, Department of Biology, University of New Mexico. 1 semester, 1984
Instructor, Dept. of Biology, University of New Mexico, 1 semester 1979

PROFESSIONAL AWARDS

Nomination for an Outstanding Lecturer Award Feb. 2011
Zoology 118 selected to be part of National Leadership Resource Database, 2002
Phi Beta Kappa, University of Nebraska-Lincoln, 1975

PROFESSIONAL ORGANIZATIONS

American Association of University Women
American Society of Mammalogists
Ecological Society of America
Sigma Xi

SERVICE

Member of Kayla Hall's General Exam Committee, May 27, 2020

Mentor of new lecturer in Biol. 417 (Co-teaching with Dr. Kristiina Hurme), Spring 2020.

Member of Faculty Search Committee for Endowed Dee Boersma Conservation Biologist 2019-2020.

Mentor for Itzue Caviedes-Solis, Instructor of Record for Herpetology, Spring 2019.

Member of Faculty Search Committee for Physiologist position, 2018-2019.

Jointly with Jennifer Doherty, organized Casey Self's promotion packet, 2018

Mentor for Jonathan Caleda, Instructor of Record, Spring 2016, in Biol. 443, Evolution of Mammals.

Mentoring of new lecturer in Biol. 118 (Co-teaching with Dr. Casey Self), Autumn 2016.

Mentoring of Dr. Casey Self in 2015, hired as a teaching associate for Biology 119, Autumn 2015.

Member of Diversity & Equity Committee, 2017 to present

Special lecture for Dream Project High School students visiting UW in June in 2015 & 2016.

Guest Judge for Biology 119 poster sessions (One per quarter), Autumn 2015 to present

Supervisor of Biology 118 UW in the High School Program, Summer 2015 to present

Participation in Burke Museum's Annual "Meet the Mammals" November 2014 to present

College Marshal in the University Annual Graduation Ceremony, 2014-2019.

Mentoring Dr. Amy Oakley, a new lecturer, for Biol. 118, Survey of Physiology, 2012-2013.

Mentoring Dr. Greg Wilson, co-teaching Biol. 118, Survey of Physiology, Spring 2008.

Mentoring Dr. Christian Sidor, co-teaching Biol. 453, Comparative Anatomy of Vertebrates, Winter 2007

Participation in the Biology Department's Annual Graduation Reception, 1995 – to present

HHMI Future Faculty Fellows Teaching Apprenticeships, Co-mentor, 2006 to June 2012

HHMI Future Faculty Fellows Summer Workshops, Co-organizer, 2003 to June 2012

Open Course Library Project (cc: Anna Davis, Seattle Central) use of my Biol. 119 materials, 2011

Attendee, UW Center for Teaching & Learning Collegium: Large Class Instruction, Sept. 21, 2011

Attendee, CIDR's Collegium on Use of Technology in Large Classes. UW, Oct. 23, 2002.

Speaker at the New Graduate Student Training Seminar, 2002

Speaker at the 1ST Lecture Series for incoming freshmen or transfer students from 2000-2002

PRESENTATIONS

UW Teaching & Learning Symposium, Co-authored Poster with Casey Self: Exam reflections are a beneficial intervention in a large STEM lecture, April 17, 2019

Guest lecture on mammalian locomotion for Continuing Education's Scientific Illustration course during Winter Quarter, 2009 - 2020

Presentation for BERG, in November 2013, discussing paper "How articulating scientific reasoning improves student learning in an Undergraduate A & P Course"

Presentation for BERG, in December 2012, on my design of a seminar course for a Freshman Seminar course to be offered during Spring 2013.

Presentation for BERG (Biology Education Research Group) in Nov. 2011, on the use of clickers in my Biol. 118 course with a discussion of recent research papers on clickers.

UW Teaching & Learning Symposium, Co-authored Poster with Linda Martin Morris: "Peer instructors: Improving service to learners while providing a transcendent learning experience for student-instructors."

Spring 2009

Invited Speaker: Population fluctuations in *Sigmodon hispidus* & *Peromyscus gossypinus*: correlations to seed resources. Dept. Biol., Southwest Missouri State Univ., Springfield MO, 1989.

Invited Speaker: Foraging ecology of seed-eating rodents in the SW & SE U.S. Dept. Zoology, University of Florida, Gainesville, Florida, 1988.

PAPERS

Cook JA, Gannon WL, Mares MA, **Petersen KE**, & Wilson DE. n2019. Obituary: James Smith Findley (1926–2018). *Journal of Mammalogy*, 100(2):599–607, 2019

Henderson CB, **Petersen KE**, & Redak RA. 1988. Spatial and temporal patterns in the seed bank and vegetation of a desert grassland community. *Journal of Ecology* 76:717-728.

Sullivan RM, & **Petersen KE**. 1988. Systematics of southwestern populations of least chipmunks (*Tamias minimus*) reexamined: a synthetic approach. *Occasional Papers Museum of Southwestern Biology* 5:1-27.

Hafner DJ, & **Petersen KE**. 1985. Song dialects and gene flow in the white-crowned sparrow, *Zonotrichia leucophrys*. *Evolution* 39:687-694.

Sullivan RM, & **Petersen KE**. 1983. Systematic status of *Eutamias minimus atristriatus*. Technical Report for New Mexico Dept. of Game & Fish

Sullivan RM, & **Petersen KE**. 1982. Systematic analysis of *Eutamias minimus* in the southwest. Technical Report of New Mexico Dept. of Game & Fish

Hafner DJ, **Petersen KE**, & Yates TL. 1981. Evolutionary relationships of jumping mice (Genus *Zapus*) of the southwestern United States. *Journal of Mammalogy* 62:501-512.

Petersen KE, & Yates TL. 1980. *Condylura cristata*. *Mammalian Species* No. 129, 1-4.