

BRIAN K. PILCHER

WORK EXPERIENCE

Zoology Instructor and Learning Strategist

Dept. of Zoology and College of Science, Weber State University, July 2018 – Present

Supervisor: Dr. Ravi Krovi, Provost & Vice President of Academic Affairs,
rkrovi@weber.edu

- ⇒ Teach courses related to zoology and the environment
- ⇒ Work with students on learning skills through workshops and appointments
- ⇒ Serve on various committees such as for the first-year experience program

Associate Professor of Biology

Dept. of Biology, Ecology and Conservation, St. George's University School of Arts & Sciences, January 2014 – June 2018

Supervisor: Dr. Cris Martin, cmartin@sgu.edu

- ⇒ Teach courses related to general biology, conservation biology, and wildlife biology such as General Biology, Ecology, Scientific Technical Writing, and Mammalogy
- ⇒ Work to improve university effectiveness as chair of both the Faculty Affairs Committee of the Faculty Senate and the General Education Program Subcommittee
- ⇒ Promote student research of Caribbean wildlife management practices

Learning Strategist

Dept. of Educational Services, St. George's University School of Medicine, 2008 – 2013

Supervisor: Dr. Sara Rabie, srabie@sgu.edu

- ⇒ Act as the liaison for our department services with the School of Veterinary Medicine and School of Arts and Sciences
- ⇒ Each term, teach one learning strategies course for premedical and preveterinary students and another for Arts and Sciences students
- ⇒ Conduct one-on-one learning strategies consultations with students by appointment
- ⇒ Redesign the array of learning skills handouts for a uniform branding format with concise, yet more complete, presentation of topics
- ⇒ Conduct workshops and guest lectures on learning skills, time management, and test-taking skills
- ⇒ Manage the campus MathLab tutoring facility with 6 tutors
- ⇒ Provide community service workshops on learning skills in area high schools, including St. Joseph's Convent, Westmorland Secondary, and Program for Adolescent Mothers
- ⇒ Taught Ecological Research Methods one term for the School of Arts & Sciences
- ⇒ Formed a subcommittee to draft the faculty bonus evaluation form; chaired subcommittee to develop an automated tracking of student performance; accompanied student conservation course field trips; served on board of directors for Mt. Stanhope Estate

TRIO Director

The University of Montana Western; 1999 – 2008

Supervisor: Anneliese Ripley, Dean of Outreach and Research (406) 683-7309

- ⇒ Simultaneously directed two federally funded TRIO programs that demonstrated improved rates of students' university completion; oversaw programs' policy development
- ⇒ Student Support Services provided advising, financial assistance, and tutoring
- ⇒ Math/Science Upward Bound served 50 high school students each year in a residency program. I designed a curriculum that included hands-on team research projects, technical writing, math, and career and cultural exploration. Hired and supervised up to two dozen employees per year (faculty, instructors, and staff). Designed field research projects and activity trips
- ⇒ Developed & monitored up to \$460,000 in annual grant budgets in six accounts
- ⇒ Served on campus committees: academic standards, financial aid appeals, student retention
- ⇒ Complied with federal and state regulations, grant requirements, and campus policies
- ⇒ Lead author of a successful in-house proposal for a campus tutoring program

WEBER STATE
UNIVERSITY,
OGDEN,
UTAH, USA

(801) 626-6110

Consultant Wildlife Biologist, *Self-employed*, 1997 – 2008 (full time 2 years, then part-time for 9 years)

- ⇒ Analyzed wildlife impacts of proposed timber sales
- ⇒ Performed field evaluations, geographical information systems (GIS) analyses, and made project mitigation recommendations for proposed timber sales
- ⇒ Formulated land management recommendations, such as a wildlife plan for a homeowners association
- ⇒ Co-implemented a 10-year ecological restoration and research project at the Volga-Kama National Preserve, Russia; research included permanent vegetation plots, remote sensing, GIS, and telemetry; co-led one field season and led a second field season
- ⇒ Trapped and telemetered grizzly bears for a study of highway crossings by grizzlies on the southern boundary of Glacier National Park

Adjunct Professor of Biology, *University of Montana–Western*, 1996–1999; Reference: Dr. Rob Thomas, (former) Department Chair (406) 683-7615

- Teach Ecology, Environmental Field Studies, and Ed Tech III
- Ecology and Environmental Field Studies were both lab and theory courses that required development
- Field Studies was the capstone senior course for the Environmental Sciences curriculum, involving the design of a field research project, fieldwork, and writing a research paper formatted for publication, and a public seminar presentation. Research examined habitat preference of pine marten in the Pioneer Mountains of Southwestern Montana

Forester I, Forester, Senior Forester, *Plum Creek Timber Co., L.P.*, 1982 – 1995

Supervisor: John Quigley

- Design and layout roads and timber sales
- Appraise, negotiate, and administer up to \$1.8 million in contractual work annually for road construction, logging, and slash abatement
- Prepare and monitor the expense side of the management unit budget, including two years of \$9 million/year
- Various wildlife projects and research activities—three winters of research on winter habitat selection by white-tailed deer in a high snowfall area, 6 years of data collection for a logging impact study utilizing stream macro-invertebrates, bald eagle nest survey, moose population survey, capture of white-tailed deer for a telemetry study of winter range use, elk habitat use surveys for a long-term elk/logging study, porcupine forest damage survey, initiated an inter-agency road management group, renewed a cooperative elk telemetry study, and analyzed elk telemetry data; Coordinated with agencies by working on taskforce teams; Co-wrote a mitigation plan, resolving an ESA Section 7 conflict

Wildlife Biologist, *Oklahoma State U, assigned to Fort Sill Military Reservation*, 1979 – 1981

Supervisor: Gene Stout

- Acted as Fish & Wildlife Branch Chief in his absence
- Team leader for major research projects on deer movements during hunting season and the ecology of a recently introduced pheasant population
- Supervised five biologists and technicians
- Formulated management policy, hunting regulations, and budgets
- Coordinated programs with agencies
- Surveyed wildlife and fish populations

EDUCATION

Ph.D. [ABD], Wildlife Management. Purdue University

M.S. degree, Wildlife Management. 1981. Louisiana State University

B.S. degree, Wildlife Ecology. 1976. Oklahoma State University

AWARDS AND CERTIFICATION

Oklahoma Wildlife Conservationist of the Year awarded by the Oklahoma Wildlife Federation and National Wildlife Federation for 1981

Wildlife Biologist Certification from The Wildlife Society

COMMUNITY & PROFESSIONAL ACTIVITIES

- Project Advisor** (2015 to present) for U.S. Fish & Wildlife Service grant-funded Caribbean Leaders in Conservation training program for the development of young, promising conservation leaders.
- St. George's University Committees and Subcommittees:**
- School of Medicine Faculty Bonus Criteria Subcommittee**
 - School of Arts and Sciences CAPPS Committee**
 - School of Veterinary Medicine CAPPS Committee**
 - School of Veterinary Medicine Academic Appeals Committee**
 - Chair, School of Arts and Sciences Faculty Affairs Committee**
 - Campus Diversity Committee**
 - Chair, School of Arts and Sciences General Education Program Subcommittee**
- Learning Skills Workshops** (2010 to 2015) in St. George's area secondary schools and Program for Adolescent Mothers.
- Regional Secretary** (2006-2008) of ASPIRE, Inc., the six-state regional association of TRIO professionals, with 600 members.
- President-elect, President, Past President** (2002-2005) of Montana Chapter of ASPIRE, association of TRIO professionals (and chair or member of various state and regional association committees); 100 members.
- Member of Scientific Advisory Committee** (2005-2007), Clark Fork Watershed Education Project, a federally funded project to involve many schools in coordinated research along 100 miles of river in an EPA Superfund Site
- Secretary, Treasurer, Vice-President, then President** (2000-2005) of Torrey Mountain Ranch Homeowners Association
- Volunteer Basketball Coach** (2002-2003) Reichle Public School
- Chair of Roads Committee & President** (1992-1995) Cave Bay Homeowners Association

PUBLICATIONS

- Chabreck, R.H., B.K. Pilcher, and A.B. Ensminger. 1983. Growth, production, and wildlife use of delta duck potatoes in Louisiana. Proc. Annu. Conf. S. E. Assoc. of Fish and Wildl. Agencies Vol. 37:56-66.
- Gorshkov, Y.A., A.L. Easter-Pilcher, B.K. Pilcher, and D.Y. Gorshkov. 1999. Ecological restoration by harnessing the work of beavers. Pages 67-76 in P.E. Busher and R.M. Dzieciolowski (eds.). Beaver Protection, Management, and Utilization in Europe and North America. Kluwer Academic/Plenum Press. (**peer reviewed**)
- Gorshkov, Y.A., D.Y. Gorshkov, A.L. Easter-Pilcher, and B.K. Pilcher. 2001. Feeding behavior of re-introduced beavers on the Volga-Kama National Nature Zapovednik. Pages 127-139 in P.E. Busher and Y.A. Gorshkov (eds.). Proceedings of the first Euro-American beaver congress. 172pp.
- Gorshkov, Y.A., D.Y. Gorshkov, A.L. Easter-Pilcher, and B.K. Pilcher. 2001. Spatial structure of the primary sub-population of beavers in Volga-Kama National Nature Zapovednik. Pages 108-118 in P.E. Busher and Y.A. Gorshkov (eds.). Proceedings of the first Euro-American beaver congress. 172pp.
- Gorshkov, Y.A., D.Y. Gorshkov, A.L. Easter-Pilcher, and B.K. Pilcher. 2002. First results of beaver (*Castor fiber*) reintroduction in the Volga-Kama National Nature Zapovednik (Russia). Folia Zoologica Vol. 51(Suppl. 1):67-74. (**peer reviewed**)
- Montana Department of Natural Resources and Conservation. 1998. Chapters 3 & 4 wildlife analysis, in Draft Environmental Impact Statement, Beaver Lake Timber Sale.
- Montana Department of Natural Resources and Conservation. 1999. Chapters 3 & 4 wildlife analysis, in Draft Environmental Impact Statement, Long/Cotton Timber Sale.
- Montana Department of Natural Resources and Conservation. 2001. Chapters 3 & 4 wildlife analysis, in Draft EIS, Patton Springs Timber Sale.
- Montana Department of Natural Resources and Conservation. 2002. Chapters 3 & 4 wildlife analysis, in Draft Environmental Impact Statement, Maxville Timber Sale.
- Pilcher, B.K. 1981. Tank culture of delta duck potato. M.S. Thesis. L.S.U., Baton Rouge. 53pp.
- Pilcher, B.K., and J.B. Dunning, Jr. 2000. Rising importance of the landscape perspective: an area of collaboration between managers and researchers. Studies in Avian Biology. No. 21:130-137. (**peer reviewed**)
- Pilcher, B.K. and G.E. Wampler. 1981. Hunting season movements of white-tailed deer on Fort Sill Military Reservation, Oklahoma. Proc. Annu. Conf. S.E. Assoc. of Fish and Wildl. Agencies 35:142-148.