

Curriculum Vitae
Keith W. Pecor

CONTACT INFORMATION

Department of Biology
The College of New Jersey
2000 Pennington Road
Ewing, NJ 08628-0718

Office: 127 Biology Building
Phone: 609-771-2460
Fax: 609-637-5118
Email: pecor@tcnj.edu

EDUCATION

- Ph.D. in Biology, University of Michigan, 2005
- M.S. in Biology, University of Michigan, 2002
- B.S. in Biology, University of Memphis, 2000

AWARDS

- Outstanding Graduate Student Instructor, University of Michigan, 2005
- Donald W. Tinkle Scholarship, University of Michigan Museum of Zoology, 2005
- Junior Fellowship, Sweetland Writing Center, University of Michigan, 2003 – 2004
- Biology Faculty Award, University of Memphis, 2000
- Undergraduate Research Scholar, University of Memphis, 2000
- Browne Biology Scholarship, University of Memphis, 1999 – 2000
- Cecil C. Humphreys Presidential Scholarship, University of Memphis, 1996 – 2000

PROFESSIONAL EXPERIENCE

- Assistant Professor with Tenure, Department of Biology, The College of New Jersey, 2011 – present
- Assistant Professor, Department of Biology, The College of New Jersey, 2007 – 2011
- Faculty Fellow, Department of Biology, Rhodes College, 2005 – 2007
- Curatorial Assistant, Division of Reptiles and Amphibians, University of Michigan Museum of Zoology, 2001 – 2005
- Graduate Student Instructor, University of Michigan, 2000 – 2005
- Research Associate, Stream Research Facility, University of Michigan Biological Station, 2004
- Endangered Species Surveyor, Michigan Natural Features Inventory, 2002
- Part-time Instructor, University of Memphis, 1999 – 2000

TEACHING

The College of New Jersey (2007 – present)

- First Seminar: “What is Evolution?”
- Ecology and Field Biology (6 semesters)
- Biology of the Invertebrates
- Aquatic Ecology (2 semesters)
- Community Ecology
- Biology Seminar: “Sexual Selection”

**Curriculum Vitae
Keith W. Pecor**

Rhodes College (2005 – 2007)

- Biology II
- Evolution
- Vertebrate Life
- Senior Seminar: “Sexual Selection”

University of Michigan (2000 – 2005)

- First-Year Seminar: “Thinking Across Categories: Science, the Arts, and the Motorcycle”
- Introduction to Biology Laboratory and Recitation (3 semesters)
- Evolution Recitation (2 semesters)
- Biology of Amphibians and Reptiles Laboratory (4 semesters)

University of Michigan Biological Station (2002, 2005)

- General Ecology Laboratory
- Evolution and Natural History Laboratory

University of Memphis (1999 – 2000)

- Introduction to Biology for Non-Majors Laboratory (4 semesters)

PUBLICATIONS (undergraduate co-authors in italics)

Articles

- Pecor, K.W., Deering, C.M., Firnberg, M.T., Pastino, A.K., and Wolfson, S.J. 2010. The use of conspecific and heterospecific alarm cues by virile crayfish (*Orconectes virilis*) from an exotic population. *Marine and Freshwater Behaviour and Physiology* 43:37-44.
- Adams, J.A., Pecor, K.W., and Moore, P.A. 2009. Dissolved organic matter from elevated-CO₂ detritus and its impact on the orientation of crayfish (*Orconectes virilis*) to a fish food source. *Journal of the North American Benthological Society* 28:638-648.
- Pecor, K.W. and Hazlett, B.A. 2008. The tradeoff between reproductive and food resources in the crayfish *Orconectes virilis*. *Marine and Freshwater Behaviour and Physiology* 41:273-280.
- Pecor, K.W., Dean, K.C., and Cullender, T.C. 2008. Laboratory conditioning to still or flowing water does not affect the responses to a food stimulus by red swamp crayfish (*Procambarus clarkii*) in flowing water habitats. *Marine and Freshwater Behaviour and Physiology* 41:43-51.
- Pecor, K.W. and Andras, L.E. 2007. Circadian rhythm does not affect responses to chemical cues in the red swamp crayfish, *Procambarus clarkii*. *Marine and Freshwater Behaviour and Physiology* 40:79-83.
- Pecor, K.W. 2006. The mate pursuit-predation avoidance tradeoff in the virile crayfish, *Orconectes virilis*. *Marine and Freshwater Behaviour and Physiology* 39:229-233.

Curriculum Vitae Keith W. Pecor

- Pecor, K.W. and Hazlett, B.A. 2006. The influence of flowing water on the resource pursuit-risk avoidance tradeoff in the crayfish *Orconectes virilis*. *Ethology* 112:332-338.
- Pecor, K.W. and Hazlett, B.A. 2006. A test of temporal variation in risk and food stimuli on behavioral tradeoffs in the rusty crayfish, *Orconectes rusticus*: risk allocation and stimulus degradation. *Ethology* 112:230-237.
- Pecor, K.W. and Hazlett, B.A. 2003. Frequency of encounter with risk and the tradeoff between pursuit and antipredator behaviors in crayfish: a test of the risk allocation hypothesis. *Ethology* 109:97-106.

Notes

- Eubanks, J.T. and Pecor, K.W. 2003. *Nerodia erythrogaster flavigaster*, *N. rhombifer*, and *N. sipedon pleuralis* (Yellowbelly, Diamondback, and Midland Water Snakes). Foraging behavior. *Herpetological Review* 34:70.
- Lehtinen, R., Fox, G., Pecor, K., and Schneider, G. 2003. Geographic Distribution. *Hemidactylium scutatum*. *Herpetological Review* 34:256.
- Eubanks, J.T., Pecor, K.W., and Moore, Z.A. 2002. *Siren intermedia nettingi* (Western Lesser Siren). Migration and locomotion. *Herpetological Review* 33:298-299.
- Thomas, D.L., Eubanks, J.T., and Pecor, K.W. 2000. Geographic Distribution. *Coluber constrictor latrunculus*. *Herpetological Review* 31:54.

Reports

- Pecor, K.W. 2006. Amphibian and Reptile Protocols for the All Taxa Biodiversity Inventory in Tennessee State Parks. Tennessee Wildlife Resources Agency. 33pp.

FUNDING

- Support of Scholarly Activity, The College of New Jersey, 2011 – 2013
- Support of Scholarly Activity, The College of New Jersey, 2009 – 2011
- Support of Scholarly Activity, The College of New Jersey, 2008 – 2009
- Mentored Undergraduate Summer Experience, The College of New Jersey, 2008
- Faculty Development Grant, Rhodes College, 2006
- Walker Scholarship, University of Michigan Museum of Zoology, 2004
- Biological Research Fund, University of Michigan, 2004
- University of Michigan Biological Station, 2004
- The Nature Conservancy and University of Michigan Biological Station, 2003
- Edwards Scholarship, University of Michigan, 2003
- Hinsdale Scholarship, University of Michigan Museum of Zoology, 2003
- Rackham Graduate School, University of Michigan, 2002
- University of Michigan Biological Station, 2002
- Rackham Graduate School, University of Michigan, 2001
- University of Michigan Biological Station, 2001

Curriculum Vitae
Keith W. Pecor

SERVICE

Reviewer

- *Animal Behaviour* (2), *Behavioral Ecology*, *Cladistics*, *Diversity and Distributions*, *Ethology* (3), *Journal of Chemical Ecology* (2), *Marine and Freshwater Behaviour and Physiology*, *North American Journal of Fisheries Management*
- Hall, B.K. and Hallgrímsson, B. 201x. *Strickberger's Evolution*, 5th ed. Jones & Bartlett, Sudbury, MA.
- Cain, M.L., Bowman, W.D., and Hacker, S.D. 2011. *Ecology*, 2nd ed. Sinauer Associates, Inc., Sunderland, MA.
- Hall, B.K. 2010. *Evolution: Principles and Processes*. Jones & Bartlett, Sudbury, MA.
- Hall, B.K. and Hallgrímsson, B. 2008. *Strickberger's Evolution*, 4th ed. Jones & Bartlett, Sudbury, MA.
- Basic Research Grant Proposals, Engineer Research and Development Center, United States Army Corps of Engineers, 2008

Extramural

- External M.Sc. Thesis Examiner, Lakehead University, 2011
- External M. Phil. Thesis Examiner, University of Melbourne, 2010
- Panelist, Crustacean Conservation Status Review, New Jersey Fish and Wildlife, 2009 – 2010
- Taxonomic Expert, All Taxa Biodiversity Inventory, T.O. Fuller State Park, 2006 – 2007
- Panelist, Hadassah Forum on “Evolution vs. Creationism vs. Intelligent Design,” 2006

Intramural

The College of New Jersey

- Self-Designed Major Committee, 2011 – present
- Advisement, Retention, and Recruitment Committee, 2010 – present
- Institutional Animal Care and Use Committee, 2010 – present
- Academic Integrity Officer, School of Science, 2009 – present
- Search Committee Co-chair, Organismal Biologist, 2011
- Athletics Advisory Program Council, 2009 - 2010
- Search Committee, Animal Physiologist, 2009
- Search Committee Chair, Organismal Biologist / Geneticist, 2009
- Search Committee, Organismal Biologist, 2008
- Search Committee, Science Pedagogy, 2007 - 2008

Rhodes College

- Search Committee, Faculty Fellow, 2006 – 2007

University of Michigan

- Graduate Affairs Committee, Ecology and Evolutionary Biology, 2004 – 2005
- Hiring Committee, Graduate Secretary, Ecology and Evolutionary Biology, 2005
- Hiring Committee, Graduate Coordinator, Ecology and Evolutionary Biology, 2004
- Seminar Committee, Ecology and Evolutionary Biology, 2002 – 2003
- Search Committee, Director of Museum of Zoology and Herbarium, 2002 – 2003

Updated: 14 Feb. 2012