

# Carolyn R. Stenbak, Ph.D.

## Curriculum Vitae

### CURRENT POSITION

Associate Professor Department of Biology  
Seattle University  
901 12<sup>th</sup> Ave  
Seattle, WA 98122  
206-398-4376  
[stenbakc@seattleu.edu](mailto:stenbakc@seattleu.edu)

### EDUCATION

- x Ph.D. Microbiology, University of Washington, 2003
- x B.S. Bacteriology, University of Wisconsin-Madison, 1996

### SCIENTIFIC RESEARCH EXPERIENCE

2014-present Associate Professor of Biology Seattle University. Seattle, Washington. Understanding Foamy Virus Polymerase protein; Zoonotic transmission of New World Simian Foamy Viruses  
role of structural and enzymatic viral proteins in  
2006 CURE Visiting Research Scientist Laboratory of D

## TEACHING EXPERIENCE

2011-present Biology 488 Senior Synthesis Seminar, Seattle University

2009-present Biology 487 Senior Synthesis Research, Seattle University

2009-present Biology 499 Independent Study Seattle University

2009-present Biology 161/171 Introductory Biology, Seattle University

2007-present Biology 315 Virology, Seattle University.

Biology 220 Microbiology, Seattle University

Biology 415 Fundamentals of Immunology, Seattle University

GRANTS AND FELLOWSHIPS (continued)

- 2011 Washington Sea Grant Pyrethroids in urban watershed runoff: A case study for investigating the chemistry, genetics, and ecology of contaminant impacts on aquatic ecosystems. Co-PIs: W.L. Whitlow, G. Yasuda, C.R. Stenbak (Biology), D. Latch & P. Alaimo (Chemistry) (Preproposal accepted, Full proposal submitted, not awarded)
- 2011 M. J. Murdock Charitable Trust College of Science & Engineering Summer Research Program, Seattle University. Exploring the role of the C-terminus of the foamy virus polymerase protein in its cleavage and assembly. Student: Katie Deaver (Award amount \$5700)
- 2011 Seattle University Office of the Provost Junior Faculty Professional Development Award Investigation of foamy virus polymerase protein cleavage and packaging. (Awarded)
- 2010-present M.J. Murdock Charitable Trust College Life Sciences Program. Identification and Characterization of Packaging Determinants Within the C-terminus of Foamy Virus Polymerase Protein. P.I.: C.R. Stenbak (Award amount: \$58,000)
- 2009 Howard Hughes Medical Institute Science Education Alliance National Genomics Research Initiative. Incorporating novel, collaborative bacteriophage genomics research into the undergraduate biology classroom at Seattle University. Co-PIs: G. Yasuda, M. Dubois, C.R. Stenbak, Rutherford (Biology) (Submitted; not awarded)

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GRANTS AND FELLOWSHIPS (continued)

- 1993-1994 University of Wisconsin-Madison/ College of Agriculture and Life Sciences sponsors Undergraduate Research Scholar Undergraduate research training (Awarded)
- 1992-1996 The State of Wisconsin Academic Excellence Scholarship 4-year scholarship covering tuition and fees for the University of Wisconsin-Madison. (Awarded)

PEER REVIEWED JOURNAL PUBLICATIONS (Maiden name, Carolyn S. Rinke)

- x Stenbak CR,



ORALPRESENTATIONS (Continued) (\* indicates undergraduate student)

x Deets KA\*, Grams JD\*, Hagan CM\*, Stenbak CR Polymerase Interrupted: Exploring the Role of Foamy Virus Polymerase Protein in Virus Assembly  
Murdock Charitable Trust 20<sup>th</sup> Annual Conference on Undergraduate Research Seattle, WA, October 2011

x Grams JD\*, Stenbak CR CRUI8C /LBdyB- the Ro 32 Tm (th) B40DdQ )Tj -0.0B1 Tc 0.003 Tw 9228f716.32 Tm (th

## SERVICE (continued)

### UNIVERSITY

- x SU Office of Research Services and Sponsored Projects Certificate of Appreciation Award, 2009
- x Ignatian Pedagogy Workshop participant, 2009

### COLLEGE OF SCIENCE & ENGINEERING

- x Science Futures Committee member, 2014
- x Academic Grievance Committee member, 2013-present
- x Active Learning in the Science and Engineering Classrooms Workshop participant, 2012
- x College undergraduate research promotional video contributor, 2012
- x Faculty Development committee member, 2010-11
- x Natural Sciences Seminar speaker, 2010
- x New Science Building Visioning Workshop Design Charette participant, 2010
- x VLST Biotechnology Corporation SU Internship Liaison, 2009-2010
- x Establishment of External Review Process Committee Member, 2009

### DEPARTMENT OF BIOLOGY

- x Assessment of Writing in Biology Committee member, 2012-present
- x Academic Advisor (average of 18 students/quarter), 2008-present
- x Senior Synthesis Advisor (8 SU science majors), 2010-present
- x SU Student Referee (written letters for more than 2000 students for admission to professional & graduate schools, educational programs, and jobs) , 2008-present
- x Physiologist faculty hiring committee member, 2012
- x Botanist faculty hiring committee member, 2012
- x Conservation Biologist faculty hiring committee member, 2011-12
- x Marine Biologist faculty hiring committee member, 2012
- x Cellular and Molecular Biologist faculty hiring committee member, 2011-12
- x New Cellular and Molecular Biology Major Curriculum Development, 2009
- x Teagle Foundation grant funded "Writing in the Majors" project participant, 2009
- x Biology Department Program Review contributor, 2008
- x Bannan 157 Research Laboratory Design contributor, 2007-08

### SCHOLARLY

- x Undergraduate Student Research Mentoring
  - 2013-present Cooper Hayes, Dana Emerson (SU, Cellular and Molecular Biology)
  - 2012-present Jacqueline Wallis (SU, Biology/Philosophy)
  - 2010-2012 Katherine Deets (SU, Biology)
  - 2009-2012 Jeremiah Grams (SU, General Science)
  - 2008-2011 Christopher Hagan (SU, Biology)
  - 2008 Layken Fletcher (SU, Biology)
  - 2007 Heather Amen (Trinity University, Biology)
  - 2003-2004 Dior Kingston (University of Washington, Microbiology)
- x Kuby Immunology Textbook 7<sup>th</sup> Edition Reviewer, Chapters 10 and 11, 2012
- x Atlas Visual Resource Collection, MicrobeLibrary.org Reviewer, 2007

