

Joshua S. Loomis, Ph.D.

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Education/ Training

University of Florida College of Liberal Arts and Sciences Dept. of Microbiology and Cell Science Gainesville, FL	Undergraduate student 1995-1998 B.S. in Microbiology and Cell Science , August 1998
The Pennsylvania State University College of Medicine Department of Microbiology and Immunology, Hershey, PA	Graduate Student 1998-2003 Ph.D. in Microbiology and Immunology , December 2003
University of Miami Miller School of Medicine Department of Microbiology Miami, FL	Postdoctoral Associate 2003-2005
Broward Community College Department of Natural Arts and Sciences Davie, FL	Adjunct Professor 2004-2005
Nova Southeastern University Farquhar College of Arts and Sciences Division of Math, Science, and Technology, Davie, FL	Asst/Assoc Professor of Biol. 2005 - 2015
East Stroudsburg University Department of Biology College of Arts and Sciences East Stroudsburg, PA	Assistant Professor of Biology 2015 - present

Teaching Experiences

The Pennsylvania State University 1998-2003

Teaching assistant for Medical Microbiology Laboratory (BBD 716).
March 2000-June 2003 (4 semesters)

Broward Community College 2004-2005

Microbiology Lab (MCB2013L)
General Biology (BSC1005)
Anatomy and Physiology I (BSC1085)

Nova Southeastern University 2005 - 2015

Concepts and Connections in Biology (BIOL1100) – non-majors
General Biology I (BIOL1450) – non-majors and online

General Biology I lab (BIOL1451) – non-majors and online
Biology I/lab (BIOL1500)
Microbiology/lab (BIOL3400)
Genetics/lab (BIOL3600)
Microbial Pathogenesis (BIOL4300)
Cell and Molecular Biology (BIOL4340)
Immunology (BIOL4360)
Independent Study in Biology (BIOL4990)
Internship in Biology (BIOL4950)
General Science (SCIENCE1000) – non-majors
Biotechnology and the Future of Human Nature (UNIV1010) – non-majors
Honors Seminar: Can you dig it? Dirt as Substance and Metaphor (HONR2010E)
Honors seminar: Epidemics and their power over humanity (HONR2010G)

East Stroudsburg University 2015- present

Microbiology/lab (BIOL330)
Virology (BIOL419/519)
Applied Microbiology/Lab (BIOL430/530)

Publications

Bowzard, J.B., R.J. Visalli, C.B. Wilson, **J.S. Loomis**, E.M. Callahan, R.J. Courtney, J.W. Wills. Membrane targeting properties of a herpesvirus tegument protein-retrovirus Gag chimera. *J Virol.* 2000 Sept; 74(18):8692-9.

Loomis, J.S., J.B. Bowzard, R.J. Courtney, J.W. Wills. Intracellular trafficking of the UL11 tegument protein of herpes simplex virus type-1. *J Virol.* 2001 Dec; 75(24): 12209-19.

Brignati, M.B., **J.S. Loomis**, J.W. Wills, R.J. Courtney. Membrane association of VP22, a herpes simplex virus type 1 tegument protein. *J Virol.* 2003 Apr; 77(8): 4888-98.

Loomis, J.S., R.J. Courtney, J.W. Wills. Identification of binding partners for the UL11 tegument protein of herpes simplex virus type-1. *J Virol.* 2003 Nov; 77(21): 11417-24.

Loomis, JS, Courtney RJ, and Wills JW. Packaging Determinants in the UL11 Tegument Protein. *J Virol.* 2006 Nov; 80(21): 10534-10541

Hickman, H.D., K. Takeda, C.N. Skon, F.R. Murray, S.E. Hensley, **J. Loomis**, G.N. Barber, J.R. Bennink, J.W. Yewdell. Direct priming of antiviral CD8+ T cells in the peripheral interfollicular region of lymph nodes. *Nature Immunology.* 2008 Feb; 9(2): 155-165.

Lin, Y.J., L. Alsad, F. Vogel, S. Koppar, L. Nevarez, F. Auguste, J. Seymour, A. Syed, K. Christoph, and **J. S. Loomis**. Interactions between *Candida albicans* and *Staphylococcus aureus* within mixed species biofilms. *BIOS.* 2013 Mar; 84(1): 30-39.

Loomis, JS. Epidemics: The Impact of Germs and Their Power Over Humanity. 1st ed. Santa Barbara: ABC-CLIO/Praeger; 2018.

Andrew Bischer and **Joshua S. Loomis.** Isolation of a novel antibiotic producer from the genus *Microbacterium*. To be submitted (Spring 2019)

***Honors and
Professional
Scholarship***

Penn State University Life Science Consortium Fellowship, 1999

Travel Award, American Society for Virology, 2000 and 2001

National Institute of Health Training Grant, 2001-2003

Karl H. Beyer, Jr., M.D., Ph.D. Scholarship, Penn State University, 2003

John F. Ender Award, Penn State University, 2004

Susan G. Komen Breast Cancer Foundation Postdoctoral Fellowship, 2005

Reviewer for several textbooks including Kuby Immunology 7th ed, Pierce Genetics: A Conceptual Approach 5th ed., Griffith's Introduction to Genetic Analysis 11th ed, 2011-2013

NSU Student Life Achievement Awards – Finalist for the NSU Professor of the Year, 2011

Awarded the NSU President's Faculty Research and Development Grant, 2009 and 2013

Ad hoc reviewer for BIOS journal, 2013-present

Recipient of an ESU FDR minigrant, Fall 2015

Recipient of an ESU FDR Major Leveraging Grant, Fall 2016

Recipient of an ESU Entrepreneurship Grant, Spring 2017