

Education

Ph.D. **Biomedical Sciences.** University of Connecticut Health Center. August 2015.
Molecular Biology & Biochemistry Graduate Program.

Thesis: *Manipulation of the Intracellular Redox Environment by HSV-1*

B.S. **Biomolecular Sciences.** Central Connecticut State University. May 2009
Magna Cum Laude

Research Experience

- **Postdoctoral Associate/Fellow** June 2016 - Present
The Jackson Laboratory
Laboratory of George Weinstock
- **Postdoctoral Associate** Sep 2015 - June 2016
Yale University
Department of Genetics
Laboratory of Dan DiMaio
- **Graduate Assistant** Aug 2009 - Aug 2015
University of Connecticut Health Center, Farmington, CT
Molecular Biology and Biochemistry Ph.D. program
Laboratory of Sandra K. Weller
- **Undergraduate Research** Sep 2006 - May 2009
Central Connecticut State University, New Britain, CT
Department of Biomolecular Sciences
Laboratory of Michael Davis

Awards & Honors

2006 National Society of Collegiate Scholars
2007 Golden Key Honour Society
2008 Recipient of the Anthony and Helen G. Bichum Scholarship
School of Engineering, Central Connecticut State University
2010 Health Center Research Advisory Council (HCRAC) Travel Grant
2012 Health Center Research Advisory Council (HCRAC) Travel Grant
2012 FASEB Virus Structure and Assembly Travel Award

2013 Health Center Research Advisory Council (HCRAC) Travel Grant

Presentations

Poster presentations

2008 Eastern Colleges Science Conference, Niagara, NY
2008 American Society for Microbiology General Meeting, Boston, MA
2010 FASEB Virus Structure and Assembly Meeting, Saxtons River, VT
2012 FASEB Virus Structure and Assembly Meeting, Saxtons River, VT
2013 International Herpesvirus Workshop, Grand Rapids, MI
2013 Protein Homeostasis & Viral Infection: Mechanisms to Therapeutics, Bethesda, MD

Oral Presentations

2012 FASEB Virus Structure and Assembly Meeting, Saxtons River, VT
Selected from abstracts

Publications

Albright, B.S., Nellissery, J., Szczepaniak, R., & Weller, S.K., Disulfide Bond Formation in the HSV-1 UL6 Protein is Required for Portal Ring Formation and Genome Encapsidation. *J Virol.* 2011

Albright, B.S., Kosinski, A., Szczepaniak, R.S., Cook, E.A., Stow, N.D. and Weller, S.K. The putative HSV-1 chaperone protein UL32 modulates disulfide bond formation during infection. *J. Virol.* 2015

Albright, B.S., Szczepaniak, R.S. and Weller, S.K. A pro-oxidant environment may be required for efficient early and late gene expression of herpes simplex virus type 1. *Manuscript in preparation.*

Research Knowledge Areas

- Cellular protein quality control
- Virology
- Confocal Microscopy
- Molecular Biology
- Flow cytometry

Institutional Services/Committees

President- Graduate Student Organization, June 2010 – June 2011

Search Committee for New Associate Dean, 2011

Student Lounge Committee, 2011

Student Services Advisory Committee, 2011

PhD Candidate Interviewer, 2011, 2012

Molecular Biology and Biochemistry Representative, 2012-2013

Connecticut Science Festival Planning Committee, 2013

Yale Biomedical Careers Committee, 2016-2017

References for Brandon Albright

Dr. Sandra K. Weller

Professor and Chair, Department of Molecular Biology and Biophysics

UConn Health

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Dr. Samantha Smith

Scientist, Viral Vector Biology Lead

Homology Medecines, Inc.

45 Wiggins Avenue

Bedford, MA01730

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Dr. Christopher Heinen

Associate Professor, Department of Medicine

Director, Graduate Program in Molecular Biology and Biochemistry

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