

Ellyn N. Schinke, MS

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EDUCATION

2013-present	University of Michigan <i>Master's Degree – Hospital & Molecular Epidemiology</i>	Ann Arbor, MI
2013-2016	University of Michigan <i>Master's Degree – Microbiology & Immunology, GPA – 3.695</i>	Ann Arbor, MI
2007-2013	Washington State University <i>Bachelor's Degree – Genetics & Cell Biology, Cum Laude with Honors, GPA – 3.58</i>	Pullman, WA
2007-2011	Washington State University <i>Bachelor's Degree – Microbiology with Medical Technology, Cum Laude with Honors, GPA – 3.58</i>	Pullman, WA

TEACHING & MENTORING EXPERIENCE

American Society of Microbiology Teaching Fellow 2016-2017

I am a member of the 2017 American Society of Microbiology Science Teaching Fellows class. I was trained in *evidence-based teaching* methods, *Bloom's Taxonomy*, proper *course design*, *active learning*, *metacognition*, and *implementation* of active learning techniques

Teaching Assistant, MBioS 101: Introductory Microbiology 2010-2011

School of Molecular Biosciences, Washington State University, Pullman, WA

I independently ran a 30-person lab section for the introductory microbiology class for non-majors and nursing majors and received exemplary evaluations.

Mentoring 2009-2017

As a research technician and graduate student, I have managed and mentored 3 undergraduates, and 2 graduate students resulting in 2 thesis awards for Pharmaceutical Sciences, acceptance into a highly competitive research experience abroad, multiple publications & poster presentations

WRITING EXPERIENCE

Independent Contract Editor, American Journal Experts (AJE) October 2016 - present

- Working remotely as an independent contract editor for American Journal Experts (AJE), assisting in editing journal articles for non-native English speakers from China, Brazil, Mexico, Germany, and many other nations prior to publication

Independent Contractor, Schofield Scientific Communications, LLC March 2016 - present

- Working remotely as a sub-contractor for Schofield Scientific Communications, LLC working on I projects such as preparing review questions for textbook chapters. For further details, please refer to: www.michaelschofield.com

Content Writer & Content/Copy Editor, Michigan Science Writers July 2015 - present

- Wrote blog articles for the Michigan Science Writers website on a variety of topics from neuroscience to public health. Edited prospective blog articles for content and clarity. Clips/portfolio available [here](#)

RESEARCH & SCIENTIFIC EXPERIENCE

Research Technician, University of Michigan, Suzanne Dawid, MD, PhD 2016 - present

- Project: Characterization of competence-pneumocin crosstalk in pneumococcal biofilms

Graduate Student Research Assistant, University of Michigan, Suzanne Dawid, MD, PhD 2013 - 2016

- Project: Characterization of competence-pneumocin crosstalk in pneumococcal biofilms

Research Technician, Washington State University, Grant D. Trobridge, PhD 2011-2013

- Projects: (1) Utilizing a retroviral mutagenesis screen to identify genes involved in the progression to androgen-independent prostate cancer; (2) Redirecting foamy virus integration; (3) Identification of Prostate Cancer-specific translocation events with Adeno-associated virus

Undergraduate Research Assistant, Washington State University, Michael K. Skinner, PhD 2007-2011

- **Project:** Identification of basic helix-loop-helix transcription factors involved in the mammalian male sex determination cascade

PUBLICATIONS

Research Publications

Schinke EN*, Warsinske H*, Dawid S, Kirschner D Modeling the dynamics of Com-Blp signaling in wild-type and BlpA-frameshifted pneumococcal biofilm populations. (In preparation)

Schinke EN, Bii V, Nalla A, Rae DT, Tedrick L, Meadows GG, Trobridge GD A novel approach to identify driver genes involved in androgen-independent prostate cancer. *Molecular Cancer*. 23 May 2014. 13:120.

Bhandari RK, **Schinke EN**, Haque MdM, Sadler-Riggelman I, Skinner MK SRY induced TCF21 genome-wide targets and cascade of bHLH factors during sertoli cell differentiation and male sex determination. *Biology of Reproduction*. 6 Dec 2012. 87(6):131.

Undergraduate Honors Thesis – “Identifying a cascade of basic helix-loop-helix transcription factors involved in mammalian male sex determination” – *Pass with Distinction*, WSU Honors College 2011

**Both authors contributed equally to the project and manuscript preparation.*

Scientific Communication Publications:

Schinke, E.N. (2017 June 22) Essential Oils: Healthy fact or marketing fiction?

<http://microbesandmuscles.com/science-writing-blog/2017/6/23/essential-oils-healthy-fact-or-marketing-fiction>

Schinke, E.N. (2017 May 30) Microbial Warfare: Bacterial machinery for competition, killing and defense

<http://microbesandmuscles.com/science-writing-blog/2017/6/1/microbial-warfare-bacterial-machinery-for-competition-killing-and-defense>

Schinke, E.N. (2016 Dec 20) Introverts & Extroverts: It’s not as Simple as Shy or Outgoing – Part 1

<https://misciwriters.com/2016/12/13/introverts-extroverts-its-not-as-simple-as-shy-or-outgoing/> and Part 2

<https://misciwriters.com/2016/12/20/introverts-extroverts-its-not-as-simple-as-shy-or-outgoing-part-2/>

Schinke, E.N. (2016 May 24). Defending Human Health: A Thankless Job <https://misciwriters.com/2016/05/24/defending-human-health-a-thankless-job/>

Schinke, E.N. (2015 November 17). The Brain Game. <https://misciwriters.com/2015/11/17/the-brain-game/>

AWARDS, HONORS & CERTIFICATIONS

University of Michigan, Ann Arbor, MI

Acceptance into the inaugural class of the highly competitive Integrated Training in Microbial Science research training program – 2015-2016

Washington State University, Pullman, WA

Presidential Honors Roll – Fall 2007, 2009, 2010; Spring 2009, 2010, 2011

2007-2008 – Science Opportunity Award; 2007-2009 – University Achievement Award

2009-2011 – Edward R. Meyer Award; 2010 – COS Undergraduate Research Mini-grant, \$2500

2011 – Undergraduate Biology and Mathematics Scholarship

Graduate from WSU Honors College, 2011

PROFESSIONAL ASSOCIATIONS

National Association of Science Writers

American Society of Microbiology

REFERENCES

Suzanne Dawid, MD, PhD – Assistant Professor, University of Michigan; sdawid@umich.edu

Phil Mixer, PhD – Clinical Associate Professor, Washington State University; pmixer@wsu.edu

Consetta Helmick, PhD – Clinical Associate Professor, Washington State University; helmick@wsu.edu