

# Ellyn N. Schinke, MS

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## EDUCATION

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

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## 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](http://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](#)

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## TEACHING & MENTORING EXPERIENCE

### American Society of Microbiology Teaching Fellow

I am a member of the 2017 American Society of Microbiology Science Teaching Fellows class. I was trained in *evidence-based teaching* methods, 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-present*

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

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## 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.** (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/>

### **RESEARCH & SCIENTIFIC EXPERIENCE**

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

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

*Graduate Student Research Assistant, University of Michigan*, Mentor: Suzanne Dawid 2013 - 2016

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

*Research Technician, Washington State University*, Mentor: 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*, Mentor: Michael K. Skinner, PhD 2007-2011

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

### **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

5/2010-8/2010 – College of Sciences 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**

Available upon request.