



## Leigh Zeidner

2555 Snouffer Place, Columbus, OH 43235

(614) 419-5789 lzeidner@gmail.com

<http://leighzeidner.com>

### Profile

Bachelor's degree in Molecular Biology. Six years post undergraduate research experience in a basic microbiology laboratory. Proficient in experimental techniques and the scientific thought process. Pursuing an interest in science media for the past three years including scientific animations and video podcasts.

### Research Experience

The Research Institute at Nationwide Children's Hospital, Center for Human and Molecular Genetics

#### Research Associate

October 2007 – Present

In addition to planning and executing experiments, performed managerial duties for the laboratory:

- Project management
- Manuscript preparation
- New employee training
- Budgeting for supplies

#### Research Assistant

June 2004 – October 2007

Participated in research to study the role of Glycogen Synthase Kinase 3 in early embryonic development as well as elucidating differential roles of the GSK-3  $\alpha$  and  $\beta$  isoforms:

- Reagent preparation
- Aide to graduate students

Department of Life and Earth Sciences, Otterbein College

#### Undergraduate Research

June 2003 – May 2004

Participated in research to discover important amino acid residues in helix VI of the Lactose Permease.

### Science Media Experience

Freelance Medical Writing

May 2010 – Present

Communication of data from primary research journal articles in relevant format to clients.

Laboratory-Related Comic Strip

November 2009 – Present

Inoculation: A Turbid Tale of Lab Misadventures (<http://labcomics.com>)

Illustrator and publisher of webcomic.

Science-Related Screen Printing

November 2008 – Present

Designer and screen printer of science-themed shirts.

Science and Technology Podcast  
Wide Open Mind (<http://wideopenmind.com>)

October 2007 – Present

Producer and co-host of science and technology podcast. Post-production including video editing, motion graphics, and animation.

Medical Animations

February 2008 – May 2008

(<http://www.nationwidechildrens.org/kidney-function-videos>)

Flash animations of normal and disordered kidney function for Nephrology and Urology Research Affinity Group at Nationwide Children's Hospital.

## Education

B.S. Molecular Biology, *Cum Laude* with Distinction  
Otterbein College, Westerville, OH

June 2004

## Skills

Laboratory Experience

- Preparation of presentations for laboratory and journal club meetings
- Preparation of research posters for presenting data at institute retreats.
- Familiar with reading and understanding primary research articles.
- Proficient in numerous microbiology laboratory techniques

Computer Experience

- Microsoft Excel, PowerPoint, Word
- HTML, CSS
- Adobe Illustrator, Flash, Photoshop
- Microsoft Windows and Mac OS
- Final Cut Pro

## References

Available upon request