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## Profile

Bachelor's degree in Molecular Biology. Five 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

October 2007 – Present

### *Research Associate*

Center for Cell and Developmental Biology, The Research Institute at Nationwide Children's Hospital  
Performed managerial duties for the laboratory in addition to duties as Research Assistant.

June 2004 – October 2007

### *Research Assistant*

Center for Cell and Developmental Biology, The Research Institute at Nationwide Children's Hospital  
Participated in research to study protein regulation in Alzheimer's Disease. Also participated in elucidating the differential roles of the  $\alpha$  and  $\beta$  isoforms of Glycogen Synthase Kinase 3.

June 2003 – May 2004

### *Undergraduate Research*

Department of Life and Earth Sciences, Otterbein College  
Participated in research to discover important amino acid residues in helix VI of the Lactose Permease.

## Science Media Experience

November 2008 – Present

### *Science-Related Screen Printing*

Designer and screen printer of science-themed shirts

October 2007 – Present

### *Science and Technology Podcast*

Wide Open Mind (<http://wideopenmind.com>)  
Producer and co-host of science and technology podcast  
Post-production including video editing, motion graphics, and animation

February 2008 – May 2008

### *Medical Animations*

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

## Education

June 2004

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

## Skills

Laboratory Experience

Preparation of presentations for laboratory meetings and journal club meetings.  
Preparation and presentation of research posters for institute retreats.

Practice in aseptic techniques, Mammalian cell culture and transfection, Bacterial transformation, DNA isolation, PCR, DNA cloning, Western blot analysis, Immunoprecipitation, Immunofluorescence, Real Time PCR, Bisulfite Sequencing, Mouse husbandry

Computer Experience

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

## References

Available upon request