



# Kate Baldwin PhD

Scientific Visual Communicator and Analytical Illustrator



## Recent freelance projects

### Advanced figures for publications:

- Rajan Chakrabarty - Aerosol Systems Research - Washington University (2022, 2021)
- Jean-Michel Ane - Symbiosis - University of Wisconsin, Madison - (2022, 2016, 2015, 2014)
- Robert McDermott - Quantum Computing - University of Wisconsin, Madison (2021)
- Frank Bosmans - Electrophysiology - Ghent University (2020, 2017, 2014, 2013)

### Book illustrations:

- *The Patchwork Human* by Peter Luykx (2022)
- *A Series of Fortunate Events* by Sean B Carroll (2020)
- *Story of Life* by Sean B Carroll (2019)

### Public health infographics

- 70+ health education projects for a large health insurance company - Washington DC (2015-present)

### Journalism charts

- Charts & diagram-based figures for the Bureau of Investigative Journalism - London (2022, 2021, 2020)



Madison Area, Wisconsin



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Since successfully defending my doctoral thesis in 2013, I have been a full-time freelance illustrator and communicator. I work for academic labs, medical clinics, retail sellers, biotech companies, and start-ups. Translating complex scientific complex concepts into visual diagrams is my wheelhouse. I have the gumption to research new techniques to solve new challenges. Most of my clients are repeat customers and personal referrals because I am friendly, a team player, and produce what my clients want.

## PhD - 2013

University of Wisconsin,  
Madison, Wisconsin

Cellular & Molecular Biology

Publications: [K8Baldwin.com/Pubs](http://K8Baldwin.com/Pubs)

## BA - 2005

Lewis & Clark College, Portland,  
Oregon

Molecular Biology & Biochemistry  
and Biology with Honors



## Graphic Design & Illustration

- Interpretation of complex data to communicate conceptual models, review summary figures, signaling diagrams, data results, analogies, etc
- Technical illustrations & scaled drawings
- Infographics



**Graphs** - Excel, Google Sheets, and Quantitative Illustrator

- Broad statistical training, regressions
- Appropriate graphing format for the audience



**Coordinated presentations** - Microsoft Power Point & Google Slides



**ADA accessible PDFs, fliers, books** - Adobe InDesign



**Photo retouching** - Extensive expertise in Adobe Photoshop



**Website design & interactivity** - Wordpress and proficiency in HTML, CSS, & Javascript



**Animations & video editing** - Adobe Animate & Javascript, AfterEffects, & Premiere



**Laser cutting** - 2D patterns for 3D assembly



**3D modeling** - OpenSCAD and Blender



**Tutoring** - Enthusiastic Adobe Illustrator & Photoshop teacher, with lecture experience and small-group lessons