

BOLD EXPRESSION; CLEAR COMMUNICATION

Biomedical Illustrator, Designer, & E-learning Content Developer

EXPERIENCE

◆ **Medline University Graduate Intern**, January 2021 - Current Medline Industries, Inc.

- Organized and storyboarded medical course content
- Created interactive e-learning courses for nurses and nursing assistants using Articulate Storyline
- Created illustrated assets for e-learning courses using Adobe Photoshop & Illustrator
- Collaborated with stakeholders and other Medline University team members

◆ **Teaching Assistant**, January 2020 - Current BIOS 312, *Cell Biology Laboratory* Department of Biological Sciences, University of Illinois at Chicago (UIC)

- Explained concepts and techniques in cell and molecular biology to undergraduate biology majors
- Taught students how to use equipment, follow safety protocol, and design experiments
- Guided students on the creation of quality laboratory writeups and reports
- Graded quizzes and assignments

◆ **Small Business Owner**, January 2008 – July 2019 *Freelance Writer/Editor*

- Edited resumes, papers, and novels
- Created, formatted, printed, and sold books and other materials

Independent Artist

- Created original artwork
- Printed, matted, labeled, packed, and shipped prints
- Prepared, proofed, and printed sales materials
- Ran booths and prepared layouts for art shows and conventions
- Managed inventory and kept records
- Calculated and filed small business taxes

◆ **Graduate Research Assistant**, August – December 2007 *Lambowitz Lab* Department of Cell and Molecular Biology, University of Texas at Austin (UT Austin)

- Conducted independent molecular genetics laboratory research
- Wrote up procedures and project report
- Formally presented experimental results

SOFTWARE & SKILLS

◆ **UI / UX Design**

- HTML & CSS coding
- Responsive design
- W3C web standards & accessibility implementation
- Articulate Storyline & e-learning course creation

◆ **Illustration**

- Understanding of perspective, proportion, and value
- Observational drawing skills: sighting, measuring, and spatial relationships
- Pen and ink
- Graphite
- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign

◆ **Medical Visualization**

- Molecular visualization with Visual Molecular Dynamics
- Medical data segmentation with Materialise Mimics

◆ **3D Modeling & Animation**

- Pixologic ZBrush
- Autodesk Mudbox
- Autodesk 3DS Max
- Adobe After Effects

◆ **Publishing**

- Formatting for print and web
- Digital and physical proofing
- Office Software
- Microsoft Word, Excel, & Powerpoint
- Microsoft Teams, Skype, Zoom, & Slack



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EDUCATION

◆ Master of Science in Biomedical Visualization

June 2021 (anticipated)

University of Illinois at Chicago (UIC)

GPA: 4.0

◆ Doctor of Philosophy in Cell and Molecular Biology

December 2007 (partial completion)

University of Texas at Austin (UT Austin)

GPA: 3.67

◆ Bachelor of Science in Biology and English

June 2007 (graduated with honor)

California Institute of Technology (Caltech)

GPA: 3.6

COMMUNITY

- Helped write a grant proposal to secure funding for the University of New Mexico's Women in Science and Engineering initiative
- Provided informational pamphlets about e-books for the UNM Los Alamos website
- Helped judge Central New Mexico Regional Science Fair projects
- Provided as-needed food delivery to the homebound for Meals on Wheels Albuquerque
- Provided patient companionship for clients of the Hospice of New Mexico

ASSOCIATIONS

- Student Association of Medical Artists
- Association of Medical Illustrators (student membership)



CLASSES

◆ E-Learning & Web

- Information architecture
- Web development
- Interaction design & prototyping

◆ Writing & Communication

- Editing
- Publishing
- Proposal & grant writing
- Science & medical writing
- Spanish grammar & writing skills

◆ Visual Design & Illustration

- Anatomical visualization
- Clinical illustration
- Molecular visualization
- 3D Modeling
- Animation
- Graphic design

◆ Biology & Medicine

- Molecular & cell biology
- Genetics & genomics
- Methods in molecular genetics
- Human anatomy & physiology
- Developmental biology
- Immunology
- Neurobiology
- Pathophysiology
- Molecular pharmacology

