

Enthusiastic, multidisciplinary **GRAPHIC ARTIST** with excellent interpersonal skills and an expansive knowledge of graphic design programs with which to generate graphics and implement designs, meeting the diverse needs of researchers and educators. I enjoy being a part of a team.

## EDUCATION

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, Catonsville, MD

Date of graduation: May, 2006

Bachelor of Arts; Interdisciplinary Studies – Art and Biology focus

## EMPLOYMENT HISTORY

UMBC, BIOLOGICAL SCIENCES, Catonsville, MD

2006-Present

### Special Projects

- Exploratory use of graphics to enhance scientific research.
- Use of molecular data in Maya and various java applets. Use and minor modifications of mel scripts Maya.
- Use of 2D, 3D and time-based media to enhance microscope imagery.
- Learning image acquisition and maintenance of scanning and transmission microscopes and confocal microscopes.
- Design imaging facility website integrating wiki for sharing techniques, information and to manage scheduling information.
- Developing a grant proposal to explore molecular microscopy and data visualization to assist research.

UMBC, BIOLOGICAL SCIENCES GRAPHICS LAB, Catonsville, MD

2004-2006

### Graphic Artist

- Prepare photos and graphics for submission to scientific journals.
- Photography of people, places and things (specimen) to promote in-house departmental and campus wide programs.
- Prepare photos and graphics for the Internet.
- Edit and print large posters.
- All stages of Video production from capture to DVD authoring.
- Maintain \$50,000 worth of graphics equipment.
- Website design to UMBC style guide specifications.

HOWARD COMMUNITY COLLEGE, Columbia, MD

2003-Present

### Anatomy and Physiology Lab Instructor

- Present powerpoints, explain concepts and answer student questions.
- Grade student homework and papers.
- Plan and proctor examinations.

# Jeremy Swan

## EMPLOYMENT HISTORY CONTINUED

HOWARD COMMUNITY COLLEGE, Columbia, MD

2003-Present

### Lab Assistant

- Capture images through a compound light microscope.
- Photograph dissections, edit images, assembly and layout of anatomy and physiology I and II atlases.
- Repair, maintain and calibrate compound light and phase contrast microscopes.
- Maintained other equipment from water filters to autoclaves.

MARYLAND ARMY NATIONAL GUARD Catonsville, MD

2001-2005

### Heavy Wheel Equipment Mechanic

ACTIVE DUTY ARMY, Scofield Barracks, HI

1997-2000

### Heavy Wheel Equipment Mechanic

- Repair and conduct maintainance on heavy-duty forklifts, generators, HMMWV's, 2.5 ton and 5 ton vehicles
- Combat Lifesaver familiar with battlefield medical techniques.
- Army commendation medal, good conduct medal, overseas service ribbon, mechanic and driver badge.
- Secret Security Clearance.

## COMPUTER SKILLS

Maya, Photoshop, Final Cut Pro, Adobe Premiere, After Effects, DVD Studio Pro, Soundtrack, LiveType, Compressor, Audacity, Illustrator, InDesign, Image Ready, Dreamweaver, Flash, and various other utilities. Expert Macintosh but very capable with PC's and linux.

## PERSONAL

- Interested in molecular imaging software utilizing UNIX based applications to view and create images and animations from .pdb files.
- I am passionate about science and learning. I enjoy the institutional environment and working with individuals or entire departments to assess the best method to disseminate information and knowledge.
- I enjoy networking and bridging gaps between different disciplines, exploiting technologies in both the scientific and artistic realms.
- I have two great kids which keeps me grounded. I'm in love with developing useful technologies for helping to disseminate information and help researchers because I feel compelled to make the world a better place for my children.