

# Andrea Seung Kim

Biomedical Visualizer | 3D Modeler and Interactive Designer

website: [www.mikzabiomed.com](http://www.mikzabiomed.com)

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## EDUCATION

- Aug 2016 - Present University of Illinois at Chicago, Chicago, IL  
M.S. Candidate in Biomedical Visualization
- Sept 2009 - Mar 2013 Northwestern University, Evanston, IL  
B.A. in Psychology, Minor in Chinese Language and Culture, Pre-Medicine
- Jun 2012 - Aug 2012 Peking University Study Abroad, Beijing, China  
Concentration: Traditional Chinese Medicine and Public Health in China

## WORK EXPERIENCE

- Dec 2013 - Jul 2016 Northwestern University, Feinberg School of Medicine, Chicago, IL  
Certified Clinical Research Coordinator, Department of Surgery, Clinical Trials Unit
- Led execution of 11 observational and interventional cardiology clinical research trials
  - Managed screening, recruitment, consenting, and follow-up of trial subjects
  - Attended cases in the operating room and guided the surgeon in study-specific cardiac ablation lesions during open-heart surgery
  - Took vitals, reviewed medications, assigned the New York Heart Association classifications, and reviewed any adverse events or symptoms of trial subjects
- May 2013 - Nov 2013 Northwestern University, Feinberg School of Medicine, Chicago, IL  
Research Project Coordinator, Department of General Internal Medicine
- Regularly performed venipuncture and ankle-brachial index measurements as well as administration of functional performance measures

## PUBLICATIONS

- Published Sept 2017 Northwestern Public Health Review, Volume 4, Issue 2, Page 7
- Illustrated Editorial on Health and Longevity
- Published July 2015 The Journal of Thoracic and Cardiovascular Surgery, Volume 150, Issue 1, Page 120
- Illustrated Figure 1 Operative technique for Principal Investigator S. C. Malaisrie, MD

## UNIVERSITY ACTIVITIES

- May 2017 - Present Social Chair, Student Association of Medical Artists
- Sept 2009 - Mar 2013 Coxswain, Men's Varsity Rowing Team
- Sept 2010 - Jun 2011 Member, Alpha Phi Omega, Service Fraternity

## PROFICIENCIES

### 3D Modeling:

- Autodesk 3ds Max
- Autodesk Mudbox
- Pixologic ZBrush
- Visual Molecular Dynamics
- Materialise Mimics
- itk-SNAP

### 2D Illustration:

- Adobe Photoshop
- Adobe Illustrator

### Developing Platforms:

- Unity 3D
- Unreal Engine 4
- OpenHaptics

### Computer Programming:

- HTML
- CSS/Javascript
- C++
- C#

### Languages:

- Proficient in English
- Proficient in Korean
- Intermediate in Mandarin Chinese