

Department of Organismal Biology and Anatomy  
The University of Chicago  
1027 East 57th St, Chicago, IL 60637

Phone: 773.702.4715  
E-Mail: aisch@uchicago.edu

## Employment History

### Luo Lab, The University of Chicago

Nov 2012- Present

Scientific Illustrator

Duties:

- Preparing illustrations for scientific and popular publications, including graphs, descriptive illustrations, and flesh reconstructions
- CT analysis and extraction
- Preparing models for animation and 3D printing
- Using and maintaining MakerBot Replicator 2
- Creating and maintaining lab and press release websites
- Tutoring students in CT extraction using Mimics

### Freelance Artist

2011- Present

-Illustrations

Digital Graphite Dust

Stipple

Line Illustration

Full Color

-Animation including 2D and 3D

-Websites

## Academic History

### University of Illinois at Chicago, Chicago, IL

2010-2012

Degree: Master of Science in Biomedical Visualization

### University of Vermont, Burlington, VT

2006-2010

Degree: Bachelor of Art in Biology, Minor in Studio Art

## Publications

Zhou, C. F., Wu, S., Martin, T., & Luo, Z. X. (2013). A Jurassic mammaliaform and the earliest mammalian evolutionary adaptations. *Nature*, 500(7461), 163-167.

Yuan, C. X., Ji, Q., Meng, Q. J., Tabrum, A. R., & Luo, Z. X. (2013). Earliest Evolution of Multituberculate Mammals Revealed by a New Jurassic Fossil. *Science*, 341(6147), 779-783.

## Areas of Expertise

### Visual Art Techniques

- Digital Illustration
- Digital Animation
- 3D Modeling
- 3D Printing
- Traditional Illustration with graphite, ink, and acrylic

### Academic Specialties

- Biology
- Anatomy
- Mammalogy
- Evolution and Development
- Organic Chemistry

### Software

- Adobe Photoshop, Illustrator, Dream Weaver, After Effects, In Design, Flash
- Materialise Mimics, 3-Matic
- Autodesk Maya, Mudbox, 3D Studio Max
- MakerWare
- Mesh Lab