

Sara Egner

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Education

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| University of Illinois at Chicago
Biomedical Visualization with an emphasis in anaplastology and medical media
Currently working towards a Masters of Science. | 2008 – present |
| Project Research
New Education Materials for Patients Undergoing the Bilateral Sagittal Split
Osteotomy of the Mandible and Osseous Genioplasty and Their Families
Currently researching patient education and working with craniofacial
Surgeon, Dr. Pravin Patel to create a 3D animation educating patients
about these forms of orthognathic surgery.
Project involves working from CBCT scans, manipulating data in Mimics,
and 3DsMax, digital 3D modeling in 3DsMax, screen writing, animation
production, editing , and final delivery of the finished DVD. | 2009 – present |
| University of North Carolina at Chapel Hill
Course in Anatomy and Physiology: SPCBIOL251. | 2008 – 2009 |
| University of Texas in Austin
Bachelor of Science in Radio-Television-Film.
Participation in the Intensive Production Sequence. | 1996 – 2001 |
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Clinical Experience

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| Medical Arts Prosthetics Clinic
Clinical Practicum
Dallas, Texas
Served as an anaplastology intern under the direction of Allison Vest,
certified clinical anaplastologist.
Designed, fabricated, and delivered adhesively retained nasal prosthesis.
Designed and fabricated one anatomically retained thumb prosthesis.
Created a surgical guide for auricular tissue removal and implant placement.
Worked on day to day facial and somato prosthetic services. | March – May 2011 |
| Baylor College of Dentistry
Center for Maxillofacial Prosthodontics
Observed as an anaplastology student with Suzanne Verma,
certified clinical anaplastologist
Observed and consulted throughout treatment for patient receiving
bilateral implant retained auricular prostheses. | March – May 2011 |

Internship with UIC's Craniofacial Center**Jan – Feb 2011**

Served as an anaplastology intern under the direction of Camille Rea.

Designed, fabricated, and delivered magnet retained auricular prosthesis.

Worked on facial prosthetic services.

Studied technique for a seamless finger mold.

Clinical Student Experience with UIC's Craniofacial Center**Fall 2010**

Studied as an anaplastology student under the guidance of Rosie Seelaus

Was responsible for care of one implant retained auricular patient, and

one implant retained nasal patient, including the design and fabrication of the substructures for both.

Baylor College of Dentistry**August 2009**

Center for Maxillofacial Prosthodontics

Observed as an anaplastology student with Suzanne Verma, certified clinical anaplastologist.

Observed Suzanne Verma, certified clinical anaplastologist

and other members of the Center for Maxillofacial Prosthodontics team.

Skills

3D Digital Data Acquisition and Manipulation

Preoperative planning platforms: Mimics, Siplant Pro, 3DMD

3D Animation Software: 3DsMax, Maya

2D Digital Data Acquisition and Manipulation

Digital Illustration and Image Manipulation Software: Photoshop, Illustrator, Painter

Animation and Interactive Web Design Software: Flash

Video Manipulation Software: Final Cut Pro, AVID, Premiere, After Effects, DVD Studio Pro

Writing and Design Software

Word, Final Draft, InDesign, Word Press, Power Point

Traditional Artistic Skills

Photography: 35mm (Pentax K1000) or digital (Canon 20D)

3D Traditional Art: wax sculpture, polymer clay sculpture, mold making

2D Traditional Art: acrylic on canvas, pencil on paper

General Experience

3D Animation**2009 – present****The Bilateral Sagittal Split Osteotomy and Osseous Genioplasty**

Patient education piece currently in production using Mimics, 3DsMax,

After Effects, Final Cut Pro and DVD Studio Pro.

Phacoemulsification

Educational piece on phacoemulsification cataract surgery using 3DsMax, Photoshop, After Effects, and DVD Studio Pro.

The Sliding Filament Theory of Muscle Contraction

Educational piece using 3DsMax, After Effects, and Final Cut Pro

Freelance Photography**1998 - present**

Working primarily in still set photography for films, band photography, portraiture, and event coverage

Freelance Video Work**2003 - present**

Digitally prepared and composed footage for a variety of television pieces and short films, 24 track sound design, titles, logged and digitized footage for Final Cut Pro and AVID projects, maintained organization of raw footage, file maintenance for network TV using Retrospect back up, and casting assistance

Blogger**2009 - present**

www.anatomyandart.com/blog/

Independent Sculpting Instruction with Ian Coulter**2008 - 2010**

Studied sculpture under the direction of Ian Coulter.

Lessons emphasized anatomy and likenesses, using polymer clay, mold making in silicone, and casting reproductions in resin.

References available upon request