

EDUCATION

- 2010 – 2013 **M.S.** Master of Science in Biomedical Visualization (Anticipated May 2013)
University of Illinois at Chicago, Chicago, IL
Specialties: Clinical Anaplastology & Medical Art and Education
Research Project: *Production and use of medical education material to promote awareness and understanding of Retinitis Pigmentosa*, a collaborative effort between UIC College of Medicine and the Chicago Lighthouse for People Who Are Blind or Visually Impaired
- 2004 – 2009 **B.S.** Bachelor of Science with Honors in Biology
B.A. Bachelor of Arts in Studio Art
Minors: Chemistry & Art History
University of Alabama at Birmingham, Birmingham, AL

SOFTWARE & SKILLS

- New Media Materialise Mimics, SimPlant, SurgiCase CMF
OsiriX; 3dMDvultus; Roland SRP Player Pro
Autodesk 3ds Max, Mudbox; Rhinoceros 3D; Unity 3D
Adobe Photoshop, Illustrator, InDesign, Flash, AfterEffects
Adobe Dreamweaver (HTML, CSS, JavaScript, PHP); Processing
Corel Painter; Microsoft Office (Word, Excel, PowerPoint)
- Traditional Graphite, Charcoal, Color Pencil, Acrylic, Oil, Photography, Ceramic
- Languages Mandarin Chinese, Taiwanese, English

PROFESSIONAL EXPERIENCE

- 2011 – present **Graduate Research Assistant Specializing in Design**, Department of Medical Education, UIC College of Medicine
Designed web-based instructional programs for healthcare education.
Research Project: Healthy Fish Choices – Internet curriculum for healthcare organizations
Research Project: Fresh Air for Mom – Online module for healthcare providers
- 2011 – 2012 **Clinical Anaplastology Intern & Research Assistant**, Maxillofacial Prosthetics Clinic, University of Illinois Medical Center, Chicago, IL
Assisted in facial prosthetic care, maintenance of clinic and lab, surgical planning with 3D imaging and rapid prototyping technologies with team members in the Maxillofacial Prosthetics Clinic and

the Craniofacial Center.

Research Project: The application and accuracy of 3D powder printing in auricular prosthesis mold design and fabrication

Research Project: Fabrication of a custom-fitting surgical template for orbital implant placement: a case report

2011 **Graduate Research Assistant**, Department of Anatomy & Cell Biology, UIC College of Medicine

Research Project: Plastination of Sectioned Human Brains

2011 **Graduate Teaching Assistant**, Department of Biological Sciences, UIC

Taught undergraduate discussions and labs, graded assignments, and proctored examinations.

2005 – 2010 **Lab Assistant**, Department of Biology, University of Alabama at Birmingham

Prepared and organized teaching and research labs. Certified in OH&S Chemical Safety, Use and Care of Lab Animals, Personnel Health and Care, and Research Code of Conduct.

2007 – 2010 **Research Assistant & Third Author**, Department of Biology, UAB

Research Project: Conservation of Diamondback Terrapins

Research Project: Conservation of Marine Turtles through Temperature-Dependent Sex Determination

Research Project: Marine Ecology of the Western Antarctic Peninsula

2009 – 2010 **Illustrations for The American Journal of Sports Medicine**, Department of Orthopedics, UAB

2008 – 2009 **Illustrations for the Human Anatomy Lab Guide**, Department of Biology, UAB

2006 – 2007 **Teaching Assistant & Tutor**

Beginning & Intermediate Chinese, Department of Foreign Languages and Literatures, UAB

Beginning Photography, Department of Art & Art History, UAB

2004 & 2006 **Physician Shadow**, Invasive Cardiology Section, Department of Internal Medicine,

National Taiwan University Hospital, Taipei, Taiwan

Observed echocardiogram, cardiac catheterization, angioplasty and vascular stenting.

2002 – 2003 **Research Assistant**, Vascular Biology Research Program, UAB

Research Project: Physiological and Pathological Cardiac Hypertrophy using mice

EXTRACURRICULARS

2012 – present **Director**, Facial Prosthetics Initiatives Network, Chicago, IL

Supported the research and outreach endeavors of practitioners specializing in facial prosthetic rehabilitation through education and program development. Initiated activities to increasing public awareness about services, treatment options, emerging research and opportunities for involvement in the field of Anaplastology.

2011 – present **Student Member**, International Anaplastology Association

2011 – present **Student Member & Volunteer**, Association of Medical Illustrators

Assisted with the Annual AMI Conference in setup and breakdown of the Salon and workshops.

- 2011 – 2012 **Volunteer Dissector**, College of Medicine & College of Dentistry, UIC
Dissected individual organs for plastination project.
- 2011 – 2012 **Class Representative**, Biomedical Visualization Program, Department of Biomedical and Health Information Sciences, College of Applied Health Sciences, UIC
Served as the class representative at the Graduate School Council and its Service Committee.
- 2010 – 2012 **Volunteer**, Maxillofacial Prosthetics Clinic, University of Illinois Medical Center, Chicago, IL
Attained HIPAA certification, handled patient data and records, provided laboratory support, coordinated patient education materials, assisted and observed clinicians, technicians, and assisted research and administrative personnel.
- 2007 – 2009 **President & Founder**, Art Guild, UAB
Founded and oversaw art guild, created and maintained website, organized workshops, fundraisers, and provided consultations.
- 2007 – 2008 **Art Partner**, VSA Arts of Alabama, Birmingham, AL
Assisted art therapists in art projects with hospitalized children and individuals with cerebral palsy.
- Educator**, Birmingham Zoo, Birmingham, AL
Taught bio-facts of animal stations to the general public.

AWARDS & SCHOLARSHIPS

- 2012 **Lillian B. Torrance Award**, for rehabilitative activities and studies, Biomedical Visualization, UIC
- 2011 **Project Award**, Service Committee, Graduate Student Council, UIC
- 2009 **National Alumni Society Dean’s Scholarship**, School of Arts and Humanities, UAB
Dean’s Leadership Scholarship, School of Natural Sciences and Mathematics, UAB
The Anne M. Cusic Scholarship, Department of Biology, UAB
- 2008 **Certificate of Excellence**, for presenting at the UAB Expo: An Exposition of Undergraduate Scholarship, UAB
- 2007 **The Ellen Shizuko Takahashi Scholarship**, for excellence in painting, Department of Art and Art History, UAB
Senior Scholarship, Department of Art and Art History, UAB
- 2004 **Outstanding General Chemistry Award**, Department of Chemistry, UAB
University Scholars Award, full tuition scholarship, UAB

PUBLICATIONS

- Liliav, B., Zaluzec, R., Huang, Y., & Patel, P. K. (2013). Hemifacial Microsomia: an Overview. (Anticipated)
- Dobbins, S. (2012). *Dead Things We Find*, Volume 1. Blurb Books. (One photograph).
- Salvatore, S., Lupo, S., Nebbioso, M., Huang, Y.H., Vingolo, E.M. (2011). New insight into visual function with aspherical intraocular lenses (IOLs): Tecnis ZCB00 and Acrysof SN60WF. *International Ophthalmology*, 5, 1007-10.

- Vingolo, E.M., Esposito, M., Librando, A., Huang, Y.H., Salvatore, S. (2011). New retinal imaging for the visualization and analysis of vitreoretinal interface (VRI) by short-wavelength scanning laser ophthalmoscope (swSLO). *Clinical Ophthalmology*, 5, 1007-10.
- Ponce, B.A., Rosenzweig, S.D., Thompson, K.J., Tokish, J. (2011). Sequential Volume Reduction With Capsular Plications: Relationship Between Cumulative Size of Plications and Volumetric Reduction for Multidirectional Instability of the Shoulder. *The American Journal of Sports Medicine*, 39(3), 526-531.
- Ponce, B.A., Hosemann, C.D., Raghava, P., Tate, J.P., Eberhardt, A.W., Lafosse, L. (2010). Biomechanical Evaluation of Three Arthroscopic Self-Cinching Stitches for Shoulder Arthroscopy: the Lasso-Loop, Lasso-Mattress, and Double- Cinch Stitches. *The American Journal of Sports Medicine*, 39(1), 188-194.
- Coleman, A., Wibbels, T., Huang, Y., Marion, K., Dindo, J. (2010). Do larger females produce more fit hatchlings? Effect of female age and size on egg size and hatchling growth in the Mississippi diamondback terrapin, *Malaclemys terrapin pileata*. *Integrative and Comparative Biology*, 50, E31.
- Hendon, L. (2009). *Complete Introductory Human Anatomy Lab Guide*, 6th Edition, New York, NY. Pearson Custom Publishing. (Cover design and five illustrations).
- 2005 – 2012 *Aura: Literary Arts Review*, UAB.
- 2007 – 2008 *Inquiro: UAB Undergraduate Research Publication*, UAB. (Cover designs).

EXHIBITIONS

- 2012 **The Frank Armitage Lecture**, National Museum of Health + Medicine Chicago, Chicago, IL
- 2008 **The 33rd Annual Juried Student Exhibition**, UAB Visual Arts Gallery, Birmingham, AL
 Juror: Leslie Sharpe, Assistant Professor and head of Digital Media are at Henry Radford Hope School of Fine Arts, Indiana University
- Curiosità and the Creative Imagination: Young Leonardo's at Work Today**,
 Birmingham Museum of Art, Birmingham, AL
- Local Artists Gallery Show**, Birmingham, AL
- Wonderland Exhibition**, UAB
- 2007 **The 32nd Annual Juried Student Exhibition**, UAB Visual Arts Gallery, Birmingham, AL
 Juror: Tom Eccles, Executive Director of Curatorial Studies at Bard College, New York
- Isms: the beART Collective's First Show**, Birmingham, AL
- The Art of Can, Red Bull Juried Exhibition**, UAB Visual Arts Gallery, Birmingham, AL
- 2006 **Tromp L'Oeil: the Art of Illusion**, Montgomery Museum of Fine Arts, Montgomery, AL
- 2004 **Student Exhibition**, Jefferson County Board of Education, Birmingham, AL
- 2003 **Southeastern Regional High School Art Competition**, Birmingham-Southern College,
 Birmingham, AL
- 2001 **Congressional Arts Caucus High School Competition: An Artistic Discovery**,
 Cannon House Office Building Tunnel, Washington D.C.