

# JENNIFER N. GENTRY, MA, CMI

336.703.9343 • jennifer@gentryvisualization.com • www.gentryvisualization.com

## EDUCATION **The Johns Hopkins University School of Medicine**, Baltimore, MD

Master of Arts, Art as Applied to Medicine, 1999

Master's Thesis: An Anthropometric Visualization of the Pediatric Head, Neck and Shoulders in Consideration of Cervical Spine Immobilization.

**Wake Forest University**, Winston-Salem, NC

Bachelor of Arts, Honors in Art, 1997

**Scuola Lorenzo de' Medici - University of North Carolina Chapel Hill**, Florence, Italy, 1996

**Carnegie Mellon University**, Pittsburgh, PA

Bachelor of Fine Arts course work, 1992 - 1993

## EXPERIENCE 6/1999 - present

**Medical Illustrator and Principal**, Gentry Visualization, Winston-Salem, NC

- Specializing in the visual presentation of medical, scientific, and technical subjects.

9/2007 - present

**Lecturer**, Department of Art, Wake Forest University, Winston-Salem, NC

9/2003 - 9/2007

**Adjunct Assistant Professor**, Department of Art and Minor in Entrepreneurship and Social Enterprise, Wake Forest University, Winston-Salem, NC

10/1999 - 05/2002

**Breast Prosthesis Designer**, Coloplast Corp., Marietta, GA

- Designed paradigm for soft tissue customized prosthetics utilizing computer and robotic techniques. Applied the resulting tool to design products for niche markets.
- Led branding of several breast prosthesis products.
- Directed multidisciplinary team to strategize and facilitate new products into mass production. Managed all human and material resources.
- Led color research and development project with objective of improving the lifelike appearance of the product in a way feasible for manufacturing processes.
- Developed and conducted anthropometric and biomechanical clinical research to improve human factors and ergonomics of prostheses and to design the first mass customizable breast form.

9/1998 - 5/1999

**Master's Thesis**, The Johns Hopkins University School of Medicine, Baltimore, MD

- Researched, authored and illustrated study observing pediatric anthropometry and current inappropriate usage of pediatric cervical spine collars for the end goal of improving effectiveness and safety.
- Organized interdisciplinary collaboration between medical professionals, engineers, biostatisticians, designers, and emergency medical equipment manufacturers.

6/1998 - 9/1998

**Visual Information Specialist**, National Institutes of Health, National Library of Medicine, Bethesda, MD

- Created and produced animation of the immune response in asthma.
- CO-produced final multimedia program with Multimedia Software Inc., Fredrick, Maryland.

10/1994 - 10/1998

**Furniture Illustrator**, Glen Morgan Designs, High Point, NC

- Revised illustrations for intermediate design phase. Required understanding the form and function of product.

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## PUBLISHED ILLUSTRATION

- Apel, P. and Garrett, J. (2008). "Peripheral Nerve Regeneration Using a Keratin-Based Scaffold: Long-Term Functional and Histological Outcomes in a Mouse Model", Journal of Hand Surgery. 33A: 1541-1547
- Hoefnagels, M. (2008). Biology: Concepts & Investigations, McGraw-Hill.
- Nahai, F. and R. Saltz, Eds. (2008). Endoscopic Plastic Surgery. St. Louis, Quality Medical Publishing.
- Vaccaro, A. R. and E. M. Baron (2008). Operative Techniques: Spine Surgery, Saunders.
- Bentz, M. L., B. S. Bauer, et al., Eds. (2007). Principles and Practice of Pediatric Plastic Surgery. St. Louis, Quality Medical Publishing.
- Grotting, J. C. (2007). Reoperative Aesthetic and Reconstructive Plastic Surgery. St. Louis, Quality Medical Publishing.
- Janis, J. E., Ed. (2007). Essentials of Plastic Surgery. St. Louis, Quality Medical Publishing.
- Cohen, J. L. and R. J. Hirsch (2006). "Surgical Insights." Skin & Aging 14(2): 52-53.
- DeYerro, J. L. M. (2006). Anatomic Cohesive Gel Implants: Reshaping the Breast in Different Body Types. Innovations in Plastic Surgery: Tissue Expansion in Breast Surgery. St. Louis, Quality Medical Publishing. 1: 15-26.
- Florman, S. and C. M. Miller (2006). "Live Donor Liver Transplantation." Liver Transplantation 12(4).
- Mader, S. (2006). Human Biology, McGraw-Hill.
- National Safety Council (2006). First Aid Taking Action Workbook. McGraw-Hill.
- Blondeel, P. N., Ed. (2005). Perforator Flaps: Anatomy, Technique & Clinical Application. St. Louis, Quality Medical Publishing.
- McKinley, M. and V. O'Loughlin (2005). Human Anatomy, McGraw-Hill.
- Nahai, F., Ed. (2005). The Art of Aesthetic Surgery: Principles and Techniques. St. Louis, Quality Medical Publishing.
- Srikulmontree, T. (2005). Osteoarthritis, American College of Rheumatology  
<[http://www.rheumatology.org/public/factsheets/oa\\_new.asp?aud=pat](http://www.rheumatology.org/public/factsheets/oa_new.asp?aud=pat)>.
- Davis, R. L. (2004). Jaws of Life. Maryland Magazine, University of Maryland. Research and Scholarship: 16-19.
- Mitchell, S. A. (2004). Graft versus host disease. Hematopoietic stem cell transplantation: A manual for nursing practice. S. Ezzone. Pittsburgh, Oncology Nursing Society 85-131.
- Ashley, S. (2003). Skullputure. Missou, University of Missouri. 92: 16-19.
- Martini, F. H. (2003). Endocrinology. Interactive Physiology 8-System Suite, Benjamin Cummings.
- Gilmor, M., M. Owens, et al. (2002). "Inhibition of Norepinephrine Uptake in Patients with Major Depression Treated with Paroxetine." American Journal of Psychiatry 159: 1702 - 1710
- IN REVIEW Neal, J., Ed. "Upper Extremity Review" Journal of Regional Anesthesia and Pain Medicine (2009). American Society of Regional Anesthesia and Pain Medicine.
- Losken A., Ed. (2009). Partial Breast Reconstruction: Techniques in Oncoplastic Surgery. Quality Medical Publishing.
- Marieb, E. and Hoehn, K. (2009). Human Anatomy and Physiology, 8e. Benjamin Cummings.
- PRESS Chavers, M. (2007). Doing their homework: Women find value in the convenience of doing business. The Business Journal of the Greater Triad Area.

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Patterson, T. (2007). Hanes Art Gallery exhibit pictures diversity. [The Winston-Salem Journal](#).

Chavers, M. (2006). Right-brain people: Design pros show off their talents. [The Business Journal of the Greater Triad Area](#).

## CLIENT LIST (PARTIAL)

American Breast Care	HMP Communications
American College of Rheumatology	John Wiley & Sons, Inc.
American Society of Regional Anesthesia	McGraw Hill
Avery Dennison Medical	Merck
BabyZone, Inc.	Toto Corporation
Benjamin Cummings/ Pearson Education	Trulife
Bennett & Guthrie, PLLC	Loma Linda University Medical Center
City of Winston-Salem, WSTA	National Institutes of Health
Choate Law Firm	National Safety Council
Coloplast	Quality Medical Publishing, Inc.
Comerford & Britt, LLP	Qualyst, Inc.
Columbia University, Harlem Hospital	University of Maryland
Eli Lilly and Company	University of Missouri
Elsevier / Saunders	Wake Forest University School of Medicine

## COURSES

### **Wake Forest University Department of Art**

Painting 1	Fall 2004 - Spring 2009
Painting 2	Fall 2007 - Spring 2008
Painting 3	Fall 2007 - Spring 2008
Studio Art Fundamentals	Fall 2006 - Spring 2007, Fall 2008- Spring 2009
Digital Painting Seminar	Spring 2006
Digital Art 1	Fall 2003 - Fall 2005
Digital Art 2	Spring 2004
Digital Art 3	Spring 2004

### **Wake Forest University Minor in Entrepreneurship and Social Enterprise**

Creativity and Innovation	Spring 2007
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## PRESENTATIONS

**Medical Illustration**, Center for Design and Innovation, Winston-Salem, NC, 6/2007  
**Medical Illustration**, Design, Art, and Technology Symposium, Winston-Salem, NC, 2/2007  
**Breast Prosthesis Design**, Bodies and Objects (Sculpture Course), Wake Forest University, Winston-Salem, NC, 11/2005, 2/2002  
**Art Fundamentals**, Knowledge to Work, Winston-Salem, NC, 8/2004, 1/2005  
**Vision™ Custom Breast Prosthesis**, MEDTRADE, New Orleans, LA, 10/2001  
**First Timer's Workshop**, Association of Medical Illustrators (AMI) Meeting: Rochester, MN, 2000; Atlanta, GA, 1999  
**Master's Thesis: Summary of Research**, AMI Meeting: Atlanta, GA, 1999

## EXHIBITIONS

**Association of Medical Illustrators Salon**, Bozeman, MT, 2007; Asilomar, CA, 2001; Atlanta, GA, 1999; Toronto, ON, Canada, 1998  
**Wake Forest University Faculty Exhibition**, Winston-Salem, NC, 2006, 2004  
**Art Auction**, Southeastern Center for Contemporary Art, Winston-Salem, NC, 2005  
**Graduate Exhibition**, Johns Hopkins School of Medicine, Baltimore, MD, 1999  
**Indecent Exposure** (solo exhibition), Wake Forest University, Winston-Salem, NC, 1996

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HONORS **Archie Research Grant**, Wake Forest University, 2006  
**Certified Medical Illustrator (CMI)**, Board of Certification of Medical Illustrators, 2005  
**Vesalius Scholar Research Grant**, Vesalius Trust, 1999  
**William P. Didusch Scholarship**, Johns Hopkins School of Medicine, 1997- 1999

AFFILIATIONS **Association of Medical Illustrators**, Professional Member, 1999 - present