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Director of Medical Science/Partner iSO-FORM LLC

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GRADUATE EDUCATION

Medical College of Georgia (now renamed to Augusta University),
Augusta, Georgia, Master of Science, Medical Illustration, 1999

The Art Students League of New York, New York, New York, Clas-
ses in Figure Drawing and Figure Painting, 1996-1997

Augusta State University, Augusta Georgia, classes in figure Draw-
ing, Perspective, Sculpture, Photography, Art History, 1995-1996

COLLEGE

Presbyterian College, Clinton, South Carolina, Bachelor of
Science, 1990

PROFESSIONAL

Founding partner/Director of Medical Science iSO-FORM LLC.
November 2009 - present

Associate Professor, Medical College of Georgia, Medical Illustra-
tion Graduate Program, October 2010 - December 2010

Assistant Professor, Medical College of Georgia, Medical Illustra-
tion Graduate Program, December 2000-October 2010

Fellow Association of Medical Illustrators (FAMI) August, 2009

Certified Medical Illustrator (CMI) July, 2002

Assistant Professor, Medical College of Georgia, Department of
Surgery, Section of Neurosurgery / Medical Illustration Graduate
Program, July 1999–December 2000

Freelance Illustration and Graphic Design, Augusta, Georgia,
1996–1999

Technical Trainer, United States Peace Corps, Quito, Ecuador,
1995

Peace Corps Volunteer working as an illustrator Assigned to the
Maquipucuna Foundation, 1992-1994

Instructor, Jekyll Island 4H center, 1990-1991

AWARDS

Award of Excellence (Didactic/Instructional: Commercial)
“Lymphoma”
the Association of Medical Illustrators

Cleveland, Ohio July 2015

Award of Excellence (Animation)
 “Idiopathic Pulmonary Fibrosis and the Effects of Treatment”
 (team member: storyboarding)
 the Association of Medical Illustrators
 Cleveland, Ohio July 2015

Interactive Media Member’s Choice Award
 “Facial Anatomy Viewer”
 the Association of Medical Illustrators
 Salt Lake City Utah, 2013

New Media Member’s Choice Award
 “Zirus Antivirotics”
 (team member: storyboarding)
 the Association of Medical Illustrators
 Richmond, Virginia, July 2009

Ralph Sweet Member’s Choice Award (Best in show)
 “Fertility and the Fallopian Tube”
 the Association of Medical Illustrators
 IUPUI, Indianapolis, Indiana July 2008

Ralph Sweet Member’s Choice Award (Best in show)
 “Chlamydia’s Stealthy Attack”
 the Association of Medical Illustrators
 California Lutheran University
 Thousand Oaks, California July 2005

Certificate of Merit (Instructional Color category)
 “Chlamydia’s Stealthy Attack”
 the Association of Medical Illustrators
 California Lutheran University
 Thousand Oaks, California July 2005

Ralph Sweet Member’s Choice Award (Best in show)
 “Vasculogenesis vs. Angiogenesis”
 the Association of Medical Illustrators
 New Orleans, Louisiana, 2003

Award of Excellence (Marketing/Promotional category)
 “Vasculogenesis vs. Angiogenesis”
 the Association of Medical Illustrators
 New Orleans, Louisiana, 2003

Russel Drake Award of Excellence (Instructional Line category)
 “The Ansa Pectoralis and the Brachial Plexus”
 the Association of Medical Illustrators
 New Orleans, Louisiana, 2003

Certificate of Merit (Marketing/Promotional category)
 “Cystic Tumors: molecular biology and clinical manifestations”
 the Association of Medical Illustrators
 Austin, Texas, 2002

Award of Excellence (Marketing/Promotional category)
 “Advances in Brain Tumor Gene Therapy”
 the Association of Medical Illustrators
 Asilomar, California, 2001

COMMITTEE APPOINTMENTS

Treasurer, Association of Medical Illustrators July, 2005-2010

Mandatory Student Fees Committee, Medical College of Georgia
September, 2005-2009

Faculty Representative (School of Allied Health Sciences), Student
Judicial Committee, Medical College of Georgia, 2001-2009

Beard Award Selection Committee Representative, 2003-2005

Judge, Association of Medical Illustrators.
Cleveland Clinic, Cleveland, Ohio July 2004

Chairman, Admissions Committee, Medical Illustration Graduate
Program, Medical
College of Georgia, December 2001-2007

Judge, Association of Medical Illustrators.
the Association of Medical Illustrators
California Lutheran University
Thousand Oaks, California July 2005

Judge for the UGA/MCG Scientific and Medical Illustration Judged
Exhibition, Main Gallery, Lamar Dodd School of Art, University of
Georgia, Athens, March 2001

Student Representative, Student Judicial Committee, Medical Col-
lege of Georgia, 1998

PUBLICATIONS IN REFEREED JOURNALS

Illustrations for Journal Article: Seaman, S. "Resolution of
intractable retching following mobilization of a dolichoectatic verte-
bral artery: case report of a unique brainstem-cranial nerve com-
pression syndrome." *Journal of Neurosurgery*. Oct 2016; 21:1-7.

Illustrations for Journal Article: Peterson, O. "The War Within" *The
Scientist Magazine*. February 1, 2012

Illustrations for Journal Article: Madhusoodanan, J. "Clearing Gut
Infections" *The Scientist Magazine*. January 1, 2016

Illustrations for Journal Article: Finger T, Kinnamon S, "Matters of
Taste" *The Scientist Magazine*. November 2011; 36-38

Illustrations for Journal Article: Stix G, "New Tools Detect Silent Early
Signs" *Scientific American Magazine*. June 2010; 54

Illustrations for Journal Article: Della, S., "A Device to Restore Balance"
Scientific American Magazine. April 2010; 70

Illustrations for Journal Article: Finlay, B. "How Bacteria Hijack Host
Cells" *Scientific American Magazine*. February, 2010; 34

Illustrations for Journal Article: Fields D., "New Culprits in Chronic
Pain" *Scientific American Magazine*. November 2009; 52,54

Illustrations for Journal Article: Stix G, "Turbocharging the Brain" *Scien-
tific American Magazine*. October 2009; 46-55

Illustrations for Journal Article: MacNeilage P, Rogers L and Vallortigara G, "Origins of the Left & Right Brain" *Scientific American Magazine*. July 2009; 60-67

Illustrations for Journal Article: Ricardo A, Szostak J, "Life on Earth" *Scientific American Magazine*. September 2009; 54-61

Melissa D. Laird, Sangeetha SR, Andrew E.B. Swift, Steffen E. Meiler, John R., Vender, and Krishnan M. Dhandapani "Curcumin attenuates cerebral edema following traumatic brain injury in mice: a possible role for aquaporin-4?". *Journal of Neurochemistry*. (In revision)

Illustrations for Journal Article: Dan Fagin "Second Thoughts on Fluoride". *Scientific American Magazine*. January 2008; 74-81

Illustrations for Journal Article: Tavera-Mendoza L., White J. "Cell Defenses and the Sunshine Vitamin". *Scientific American Magazine*. November 2007; 62-68

Hernandez-Divers SJ, Holland M, Swift AEB (2007). The value of OsiriX® for interpreting CT and MRI imaging in zoological medicine. Proceedings of the Annual Conference of the American Association of Zoo Veterinarians and American Association of Wildlife Veterinarians, Knoxville, Tennessee. Pp148

Illustrations for Journal Article: Holten K., Comte T. "Managing CAP: Are You Up-to-date?". *The Journal of Family Practice*. September 2007; 56(9):720-726

Illustrations for Journal Article: Glass R "New Hope for Defeating Rotavirus". *Scientific American Magazine*. April 2006; 47-55

Illustrations for Journal Article: Loukas M., Louis R., Fitzsimmons J., Colborn G., "The Surgical Anatomy of the Ansa Pectoralis". *Clinical Anatomy* 19, 2006; 685-693

Illustrations for Journal Article: Sharpe P, Young C "We Take them for Granted Until They are Gone". *Scientific American Magazine*. August 2005; 36-41

Illustrations for Journal Article: Cookson C "Mother of All Cells". *Scientific American Magazine*. July 2005; A6-A11

Illustrations for Journal Article: Soares C "Repair Workers Within". *Scientific American Magazine*. July 2005; A12-A15

Illustrations for Journal Article: Ojcius D., Darville T., Bavoli P. "Chlamydia's Stealthy Attack". *Scientific American Magazine*. May 2005; 72-79

Illustrations for Journal Article: Weinberger N., "Singing in the Brain". *Scientific American Magazine*. November 2004; 72-79

Illustrations for Journal Article: Lanza R., Rosenthal N., "The Stem Cell Challenge". *Scientific American Magazine*. June 2004; 92-99

Illustrations for Journal Article: Utian W. "Update on Menopause". *OBG Management*. 2004; 16(5):60-61

Illustrations for Journal Article: Utian W. "Atypical Squamous Cells: The Case for HPV testing". *OBG Management*. 2004; 16(3):52-69

Illustrations for Journal Article: Williams J., Parsons A. "Abnormal Uterine Bleeding". *The Female Patient*. 2002; 27(2):15-21

Illustrations for Journal Article: Reynolds MB, Ratz JL. Surgical Pearl: Mini-running or "X" suture for closure of punch wounds. *J Am Acad Dermatol*. 2002 Mar;46(3):423-5

Illustrations for Journal Article: Zumbro GL, Anstadt MP, Mawulawde K, Bhimji S, Paliotta MA, Pai G. Surgical management of esophageal perforation: role of esophageal conservation in delayed perforation. *Am Surg* 2002 Jan;68(1):36-40

Illustrations for Journal Article: Khanna SK, Anstadt MP, Bhimji S, Bannan MM, Mawulawde K, Zumbro GL, Moore HV. Apico-aortic conduits in children with severe left ventricular outflow tract obstruction. *Ann Thorac Surg* 2002 Jan;73(1):81-6; discussion 86-7

Illustrations for Journal Article: Konzelman JL Jr, Herman WW, Comer RW. Pseudo-dental pain and sensitivity to percussion. *Gen Dent* 2001 Mar-Apr;49(2):156-8

Review Article: Swift A.E.B., Swift T.R., "Ciguatera; A Review" – *Journal of Toxicology/Clinical Toxicology*, 1993;3(1), 1-29

Letter to the Editor: Swift A.E.B., Swift T.R., "Transmission of Ciguatera Toxicity: Another First Isn't" – *Journal of the American Medical Association*, 1991: 265(18):2339

Review Article: Swift A.E.B., Swift T.R., "Ciguatera" – *Journal of the Medical Association of Georgia*, 1990; 79(5):313-318

PUBLICATIONS IN NON-REFEREED JOURNALS

Illustrations for Journal Article: Mocchetti I., Kalhorn C., Pagan F. "Parkinson's Disease: from Bench to Clinic" *Georgetown Medicine* Fall 2004; 24 – 27

Illustrations for Journal Article: Rebeck G., Matsuoka Y., Aisen P., "Gaining on the Enemy: Therapeutic Research in Alzheimer's Disease" *Georgetown Medicine* Fall 2004; 28-31

Illustrations for Journal Article: Bregman B., Heaton E., "Spinal Cord Repair: Windows for Repair and Recovery" *Georgetown Medicine* Fall 2004; 32-35

Online Journal Genome News Network "Scientific Artists Capture the World" Kate Dalke
http://www.genomenewsnetwork.org/articles/10_03/capture_world.shtml
October 3, 2003

PUBLICATIONS IN BOOKS

The Medical Device R&D Handbook, Second Edition
Chapter 18 Using Medical Illustration in Medical Device R&D:
Theodore R. Kucklick, pages 351 -372, CRC Press (December 2012)

Netter's Head and Neck Anatomy for Dentistry: Neil S. Norton, pages 119, 121, 142, 143, 323, 324, 327, 328, 333, Princeton Architectural Press, (June 2, 2005)

Drawing from Life: The Journal as Art: Jennifer New, pages 142-143, Princeton Architectural Press (June 2, 2005)

Principles of Neurologic Infectious Diseases: Chapter 23 Leprous Neuritis pages 367-381 (Figure 23-1 through 23-7) McGraw-Hill Professional; 1 edition (December 16, 2004)

**PROFESSIONAL
EXHIBITIONS**

Association of Medical Illustrators Annual Meeting, Atlanta, Georgia July, 2016

Association of Medical Illustrators Annual Meeting, Cleveland, Ohio July, 2015

Association of Medical Illustrators Annual Meeting, Toronto, Minnesota July, 2014

Association of Medical Illustrators Annual Meeting, Salt Lake City, Utah July, 2013

Association of Medical Illustrators Annual Meeting, Toronto, Ontario (Canada) July, 2012

Association of Medical Illustrators Annual Meeting, Baltimore, Maryland July, 2011

Association of Medical Illustrators Annual Meeting, Portland, Oregon July, 2010

Association of Medical Illustrators Annual Meeting, Richmond, Virginia July, 2009

Association of Medical Illustrators Annual Meeting, Indianapolis, Indiana July, 2008

Association of Medical Illustrators Annual Meeting, Bozeman, Montana July, 2007

Association of Medical Illustrators Annual Meeting, Cambridge, Massachusetts July, 2006

Association of Medical Illustrators Annual Meeting, Thousand Oaks, California July, 2005

Association of Medical Illustrators Annual Meeting, Cleveland, Ohio July, 2004

Association of Medical Illustrators Annual Meeting, New Orleans, Louisiana July, 2003

Johns Hopkins/Medical College of Georgia Exchange Symposium, Medical College of Georgia April, 2003

Association of Medical Illustrators Annual Meeting, Austin, Texas July, 2002

Association of Medical Illustrators Annual Meeting, Asilomar, California August, 2001

Association of Medical Illustrators Annual Meeting, Atlanta, Georgia August, 1999

Johns Hopkins/Medical College of Georgia Exchange Symposium, Medical College of Georgia April, 1999

Association of Medical Illustrators Annual Meeting, Toronto, Canada July, 1998

Johns Hopkins/Medical College of Georgia Exchange Symposium, Johns Hopkins School of Medicine March, 1998

University of Georgia, Scientific Illustration Program February, 1998

PRESENTATIONS

“Managing Illustration Projects With Google Docs and Dropbox” Cleveland Ohio, July 25, 2015

“Building Anatomy: An OsiriX/ZBrush Modeling Workflow for the Medical Illustrator” Cleveland Ohio, July 24, 2015

Organic Modeling in ZBrush” A presentation to the Association of Medical Illustrators, Salt Lake City, Utah July 20, 2013

“Sculpting Organic Models in ZBrush: a New Workflow for Medical Illustration” A presentation to the Guild of Natural Science Illustrators, Savannah Georgia, July 11, 2012

“OsiriX® Software: A Tool for the Medical Illustrator” A workshop presentation to the Association of Medical Illustrators, Baltimore Maryland July 22, 2011

“OsiriX®: an Overview of functionality and Introduction to 3d Reconstruction” Biodynamics Research Corporation, October 9, 2009

“OsiriX®, Neuroanatomy and Medical Visualization ” A Grand Rounds Presentation, Department of Neurology, Medical College of Georgia, Augusta GA, August 6, 2009

“An anatomical tour of the living body using OsiriX®” A plenary presentation to the Association of Medical Illustrators. Richmond, VA August 1, 2009

Michael Midgley MsC Candidate "Advanced multimedia applications for teaching anatomy: a comparison of software used to generate 3D anatomical models" American Association of Anatomists. April 21, 2009

“OsiriX®: a new tool for Medical Education” Presentation to Education Interest Group and Career Development & Education Group, Medical College of Georgia. Augusta Ga September 12, 2007

“Seeing Through the Living Body: Virtual Dissection Using OsiriX®” A presentation to the Association of Medical Illustrators. Indianapolis, IN July 2008

“The Use of OsiriX® Software and 3D Reconstructions from Diagnostic Images as an Aid to Anatomic Visualization, Cadaver Dissection, and Surgical Planning” A plenary presentation to the Association of Medical Illustrators. Indianapolis, IN July 2008

“3-Dimensional Reconstruction from Diagnostic Imaging: OsiriX®—a New Tool for the Medical Illustrator/Animator” A presentation to the American Association of Anatomists, Experimental Biology Meeting, San Diego, California April 5, 2008

“OsiriX®: a tool for the medical illustrator”

A presentation to the Association of Medical Illustrators. Bozeman, Montana July 2007

“Medical Illustration: an overview”

Augusta Technical College. Augusta, Georgia July 2007

“OsiriX® Medical Visualization Software” A presentation to the Association of Medical Illustrators. Cambridge, Massachusetts July 2006

“Drawing and Painting in Photoshop and Illustrator CS”

A presentation to the Association of Medical Illustrators. California Lutheran University, Thousand Oaks, California July 2005

“Drawing and Painting in Photoshop CS”

A presentation to medical illustration students. MCG/JHU/BMC Student Faculty Exchange. Toronto, Ontario, Canada April 2005

“Drawing and Painting in Photoshop CS”

A presentation to medical illustration students. Guest Lecture to the Department of Biomedical Communications. Toronto, Ontario, Canada June 2004

“Drawing and Painting in Photoshop CS”

A presentation to medical illustration students. Art as Applied to Medicine, Johns Hopkins University. Baltimore, Maryland, April 2004

“Embossing and Colorizing Sketches in Photoshop”

A presentation to medical illustration students. Art as Applied to Medicine, Johns Hopkins University. Baltimore, Maryland, April 2004

“Embossing and Colorizing Sketches in Photoshop”

A presentation to the Association of Medical Illustrators New Orleans, Louisiana, July 2003

“Elemental Figure Drawing” Introductory figure drawing class Davidson Fine Arts High School, Augusta GA. Spring, 2003

“Embossing and Colorizing Sketches in Photoshop”

A presentation to the Association of Medical Illustrators Austin, Texas, July 2002

“Current neurooncological research at MCG. An IMMAG (institute for molecular medicine and genetics) peer review seminar where ongoing research is presented to principle investigators.” Medical College of Georgia, Augusta, Georgia, October, 1999

“Current neurooncological research at MCG. A presentation to local business leaders.” Medical College of Georgia, Augusta, Georgia, October, 1999

“Tricks in PhotoShop 5.0”

Johns Hopkins/Medical College of Georgia Exchange Symposium, Johns Hopkins University School of Medicine Baltimore, Maryland, April, 2000

“Visualizing the Delivery of Non Host Cells into Cystic and Solid Tumors: a Model for Gene Therapy.”
Johns Hopkins/Medical College of Georgia Exchange Symposium,
Medical College of Georgia
Augusta, Georgia, April, 1999