

Amanda S. Almon, C.M.I. M.F.A.

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EDUCATION

- 2002 **M.F.A. Biomedical Visualization** (*program title prior to 2000: Medical and Biological Illustration*), University of Michigan, Association of Medical Illustrators/CAAHEP Accredited Graduate Program in Medical Illustration, Ann Arbor, MI.
- 2002 **B.F.A. Medical Illustration**, Rochester Institute of Technology, Rochester, NY.

CERTIFICATIONS

- Present - 2008 **Certified Medical Illustrator** (C.M.I.) Examination & Portfolio Review from the Board of Certification, Association of Medical Illustrators. (AMI.org) 35 hours of ongoing Continuing Medical Education (C.M.E) and Art/Design Credits Required per every 5 years. Completed 35 Hours of Continuing Education C.E.U/C.M.E. Credits and Awarded 5 Year Re-Certification from the Association of Medical Illustrators, "Certified Medical Illustrator" Status Successfully Renewed on June 30, 2018
- 2018 **Certificate**, Global and Continuing Education Harvard Institutes of Medicine, Harvard Medical School: APA/CME Course: *Understanding Addiction/ Substance Abuse Disorders*

TEACHING EXPERIENCE

- Present - 2021 **Associate Professor** (*tenured*), **Biomedical Art & Visualization** (*Primary Faculty Appointment*) Department of Art/Department of Radio, TV and Film (as of Fall 2016), College of Communication and Creative Arts, Rowan University, Glassboro, NJ.
- Present - 2021 **Instructor, Department of Electrical and Computer Engineering**
Teach Junior and Senior Engineering Clinic, Henry M. Rowan College of Engineering, Rowan University, Glassboro, NJ.
- Present - 2017 **Faculty, Bantivoglio Honors Concentration in the Honors College**
Teach 3D Digital Modeling course and Surgical Illustration & Media course, Figure Anatomy for the Artist course sections, Rowan University, Glassboro, NJ.
- Present - 2015 **Instructor, Biomedical Sciences** (*Secondary Faculty Appointment*)
Cooper Medical School at Rowan University, Camden, NJ.
- 2019 - 2014 **Assistant Professor, Biomedical Art & Visualization** (*Primary Faculty Appointment*) Department of Art/Department of Radio, TV and Film (as of Fall 2016), College of Communication and Creative Arts, Rowan University, Glassboro, NJ.
- 2014 - 2010 **Associate Professor, Biomedical Art, Game Design, Animation**
Cleveland Institute of Art, Cleveland, OH.
- 2014 - 2005 **Adjunct Faculty, Department of Anatomy**
Case Western Reserve University, Cleveland, OH.

- 2010 - 2005 **Assistant Professor, Biomedical Art**
Cleveland Institute of Art, Cleveland, OH.
- 2002 - 2000 **Graduate Student Instructor**
University of Michigan, Ann Arbor, MI.
- 2001 **Adjunct Faculty, Department of Liberal Arts**
Washtenaw Community College, Ann Arbor, MI.
- 2000 - 1999 **Teaching Assistant, Assistant to the Chair of Foundations Art**
Rochester Institute of Technology, Rochester, NY.

ADMINISTRATIVE EXPERIENCE

- Present - 2016 **Program Coordinator, Biomedical Art and Visualization B.F.A. Major**
Rowan University, Glassboro, NJ.
- Present - 2018 **Program Coordinator, Certificate of Undergraduate Study in Game Media Design**
Rowan University, Glassboro, NJ.
- 2016 - 2014 **Studio Coordinator, Biomedical Art and Visualization Specialization**
Rowan University, Glassboro, NJ.
- 2014 - 2013 **Department Chair, Game Design**, Cleveland Institute of Art, Cleveland, OH.
- 2013 - 2005 **Department Chair, Biomedical Art**, Cleveland Institute of Art, Cleveland, OH.
- 2013 - 2012 **Interim Department Chair, Animation**, Cleveland Institute of Art, Cleveland, OH.
- 2012 - 2011 **Interim Environment Chair, (Deans Level Equivalent)** Integrated Media Environment (Comprised of 5 Departments: Film, Video, and Photographic Arts; T.I.M.E.-Digital Arts, Biomedical Art, Animation, Game Design, and Illustration Departments), Cleveland Institute of Art, Cleveland, OH.
- 2010 - 2009 **Department Head, Game Design**, Cleveland Institute of Art, Cleveland, OH.

PROFESSIONAL EXPERIENCE

- Present - 2000 **Owner/Director, Medical and Scientific Illustrator, Animator**, BioMed Visuals/
BioArt Media: Medical & Scientific Media Company, Sewell, NJ.
- Present - 2022 **Medical & Scientific Animation Contractor/Vendor**, Cooper Hospital,
Camden, NJ.
- Present - 2021 **Medical & Scientific Animation Contractor/Vendor**, Bloom Creative: Subsidiary
Company Bloom Health, Costa Mesa, CA.
- Present - 2015 **Medical & Scientific Animation Contractor/Vendor**, University of Maryland,
Division of Research, College Park, MD.
- Present - 2007 **Medical & Scientific Animation Contractor/Vendor**, That's Nice Productions,
New York, NY.
- 2016 - 2012 **Illustrator & Animator**, Atbosch Media, Cleveland, OH.
- 2016 - 2012 **Illustrator & Animator**, Lemming Labs Ltd., Cleveland, OH.
- 2016 - 2012 **Videographer, Editor, Animator**, From Castle to Castle Productions, Cleveland, OH.
- 2013 - 2012 **Academic Consulting**, Rowan University, Glassboro, NJ.

- 2012 - 2010 **Executive Director of Innovation & Media Development**, Lachina Publishing Services, Beachwood, OH.
- 2009 - 2007 **Interim Creative Director & Strategic Planning Consultant**, Lachina Publishing Services, Beachwood, OH.
- 2005 - 2002 **3D Medical Animator & Medical Illustrator**, Visible Productions LLC, Fort Collins, CO.

GRANTS AWARDS & SUBMISSIONS

- Present - 2023 Bouaynaya, N. (Primary P.I.), Schmalzel, J., Tremoulet, P., Almon, A., Lecakes, G. (2023 - 2025). United States Department of Defense: *Turret Gunner Survivability and Simulation Environment (TGSSÉ) Increment II Production*, **Award:** \$3,000,000. **Role:** Co-Investigator
- Present - 2022 Mandayam, S. (Primary P.I.), Schmalzel, J., Bouaynaya, N., Tremoulet, P., Almon, A., Lecakes, G. (2021 - 2023). United States Department of Defense: *Turret Gunner Survivability and Simulation Environment (TGSSÉ) Increment I Production*, **Award:** \$2,398,493. **Role:** Co-Investigator
- Present - 2022 Bouaynaya, N. (Primary P.I.), Mandayam, S., Rasool, G., Lecakes, G. (2019 - ongoing finding contract) United States Federal Aviation Administration (FAA): *Visualization and Analysis of Rotorcraft Safety within a CAVE Virtual Reality Environment* **Award:** \$87,054 (ongoing yearly government contract) **Role:** Technical Faculty (started 2022)
- 2022 Simmons C. A., Tremoulet, P. D., Legido, A., Almon, A. (2022 -2023). Organization for Autism Research, Applied Research Competition Pre-Proposal Grant. *Improving Physician Management of Destructive Behavior in Hospital Patients with Autism Spectrum Disorder*. \$40,000 requested. (Submitted, Not Accepted, Not Funded) **Role:** Co-Investigator
- 2022 - 2019 Rich, J. (Primary P.I.), Mandayam, S., Almon, A., Lecakes, G. Rowan University Office of the Provost Internally Funded: *Teaching and Learning about the Holocaust through VR (Virtual Reality) and AR (Augmented Reality)*, **Award:** \$200,000 <https://hechingerreport.org/opinion-how-best-do-we-teach-kids-about-holocaust-horrors-show-them-what-it-was-like/> **Role:** Co-Investigator
- Kim, T. (Primary P.I.), Mandayam, S., Almon, A. (2019 - 2022) Rowan University Camden Health Grant Initiative: *Art, Engineering and Medicine for Enhancing Orthopedic Resident Entrustability: Bringing Virtual and Augmented Reality Technology to Camden, NJ*. **Award:** \$148,434. (Completed May 2022.) **Role:** Co-Investigator
- 2021 Mandayam, S. (Primary P.I.), Tremoulet, P., Almon, A., Lecakes, G. (2022 - 2025) National Institutes of Standards and Technology. *MCART: An Innovative Mental-health Crisis Augmented Reality Training Kit for First Responders*. \$1,312,250 requested (Submitted, Not Accepted, Not Funded) **Role:** Co-Investigator
- Simmons C. A., Tremoulet, P. D., Legido, A., Almon, A. (2022 - 2025). National Institutes of Health. *Improving Physician Management of Destructive Behavior in Hospital patients with autism spectrum disorder*. \$450,000 requested (Submitted, Not Accepted, Not Funded) **Role:** Co-Investigator
- 2020 Raiff, B. (Primary P.I.), Dwyer, M., Kirby, K., Dunn, K., Salzman, M., Koffarnus, M., Brunwasser, S., Thayasivam, U., Almon, A. National Institutes of Health: *Real World Randomized Trial Evaluating the Effectiveness, Engagement, and*

- Acceptability of reSET-O among Low-SES Patients and their Providers*. \$1,949,070 requested (Submitted, Not Accepted, Not Funded) **Role:** Co-Investigator
- 2020 - 2015 Hickman, R. (*Primary P.I.*), Almon, A., Buchner, M., White, R., Clochesy, J. (2015-2020) **1R01NR015750-0**; NIH (National Institute of Nursing Research): ESMART version 3.0: *A Clinical Trial of Decision Support for End of Life Care Among Surrogate Decision Makers of the Chronically Critically Ill*; Grant submitted by Case Western Reserve University, School of Nursing and Rowan Department of Art, Office of Research and Sponsored Projects. Completed May 2020. **Award:** \$2,300,000 (Case Western Reserve University), **Subaward:** \$26,400 (Rowan University) **Role:** Co-Investigator
- 2019 - 2017 Almon, A., Bowman, S., Drumgoole, J., (2017 - 2019) Rowan University, Ric Edelman College of Communication and Creative Arts **STORI Grant: *Experiential Design Conference*** March 2019, Glassboro, NJ. **Award:** \$5,000.00. **Additional Funds Raised:** \$2,650. **Total:** \$7,650. **Role:** Primary Author/Producer
- 2018 Almon, A. NEH Fellowship Cultivating the Environmental Humanities Fellowship Application: *Natural Systems, Models & Measurement in Aesthetic Interactions: Media Ecology versus Natural Ecologies of Critical Environmental Issues in Biomedical Art and Visualization*. (Submitted, Not Accepted.)
- 2018 - 2016 Kauser J. (*Primary P.I.*), Tang, G., Bhavsar, P. **NSF IUSE (2016-2018): *Algae Grows the Future-Project: Aims at the Multifaceted use Algae to Teach Science and Engineering***. Subcontracted Production: Almon, A., Bowman, S. (request to develop art and design assets for the Algae City Game Design) Lead Production Team of Biomedical Art and Visualization BFA and Studio Art BFA: Concentration in Graphic Design students. **Award:** \$300,000 **Role:** Faculty Subcontractor
- 2017 Goldman, E., (*Primary P.I.*), Almon, A., Bowman, S., Tang, G., Office of Research and Sponsored Projects Seed Grant Funding: *3D MedTouch VR: An Immersive and Interactive Application for Teaching Anatomy*. (Submitted, Not Accepted, Not Funded) **Role:** Co-Investigator
- 2016 Almon, A., Bowman, S., Rowan University Innovations in Teaching using Technology Faculty Center Grant AY1617: *Integration of Portable, Accessible and Scalable Classroom Virtual Reality*. **Award:** \$2,500. **Role:** Author/Producer
- 2014 Stewart, M., Almon, A., Gendreau, M., Mease, P., Rowan University Faculty Center Lindback Opportunity: *Proposal for a Rowan Interdisciplinary Research Institute*. (Submitted, Not Accepted, Not Funded)
- 2013 **United States Patent: *Interactive mobile learning (I.M.L) platform US 20130122980 A1***, (a computer implemented learning and assessment apparatus includes a database having at least one set of educational game parameters) Inventors: Lachina, J., Anselmo, A., Almon, A., Hughart, C., Watson, J., Kuhar, A., Little, M., Werner, J., Kantor, A., <https://www.google.com/patents/US20130122980>
- Outstanding Achievement Award**, Ohio Local History Alliance, *SimMarch 1812*, Apple OS Tablet, Educational App. for Fort Meigs, Toledo, OH.
- 2012 **Faculty Development Grant Award**, Cleveland Institute of Art, Cleveland, OH.
- 2011 **Best Energy Theme Award**, West Virginia Mountaineer Short Film Festival, Morgantown, WV.
- Fredieu, J., Almon, A., AIG U.S. Department of Education, Project Summary: *Production and Assessment of Animations for Medical, Graduate, and Clinical Education*. Case Western Reserve University, Cleveland, OH. **Award:** \$350,000 **Role:** Co-Investigator

Almon, A., Almon, David, E. Gates, A. NSPIRES Grant Submission: **STEM Worlds Game Design Project**, The Cleveland Institute of Art and The Cleveland Museum of Natural History, Cleveland, OH. (Submitted, Not Accepted, Not Funded)
Role: Co-Investigator

- 2010 **Faculty Development Grant**, Cleveland Institute of Art, Cleveland, OH.
- 2009 **Faculty Development Grant**, Cleveland Institute of Art, Cleveland, OH.
- 2008 **Crains Cleveland Business Magazine**, Top Twenty in Their 20's, Cleveland, OH.
Faculty Development Grant, Cleveland Institute of Art, Cleveland, OH.
Flowers Grant for Technology, Cleveland Institute of Art, Cleveland, OH.
- 2007 **Faculty Development Grant**, Cleveland Institute of Art, Cleveland, OH.
Flowers Grant for Technology, Cleveland Institute of Art, Cleveland, OH.
- 2006 **Faculty Development Grant**, Cleveland Institute of Art, Cleveland, OH.
Flowers Grant for Technology, Cleveland Institute of Art, Cleveland, OH.
- 2004 **American Marketing Association PEAK Award, Bronze**. For Zimmer Orthopedic Center of the Rockies, *Interactive Patient Education CDROM: Total Knee Replacement*. Visible Productions LLC. Contributor, Fort Collins, CO.
Medical Marketing Association, Silver IN-AWE Award. For Zimmer Orthopedic Center of the Rockies, *Interactive Patient Education CDROM: Total Knee Replacement*. Visible Productions LLC. Contributor, Fort Collins, CO.
Association of Medical Illustrators, Certificate of Merit, Multimedia Category. Novartis Animal Health, *Interactive CDROM: My Dog May Have Osteoarthritis. Now What?* Visible Productions LLC. Major Contributor. AMI Salon Award, Fort Collins, CO
- 2003 **Freddie Awards, Finalist**. For Zimmer Orthopedic Center of the Rockies, *Interactive Patient Education CDROM: Total Knee Replacement*. Visible Productions LLC. Contributor, Fort Collins, CO.
Association for Women in Communications, Clarion Award, Honorable Mention. For Zimmer Orthopedic Center of the Rockies, *Interactive Patient Education CDROM: Total Knee Replacement*. Visible Productions LLC. Contributor, Fort Collins, CO.
The Global Awards, Finalist. For Novartis Animal Health. *Interactive CDROM: My Dog May Have Osteoarthritis. Now What?* Visible Productions LLC., Fort Collins, CO.
- 2002 **Ferndale Laboratories Poster Competition, Grand Prize Winner**, Ferndale, MI.

ARTIST RESIDENCIES

- 2016 **The Bau Institute**; Two Week Artist Residency to continue research and develop the project: *Augmented Wayfinding 2.0: Airport Design Systems and Symbolic Interactions for Defining User Space In-Between Places*. Authors: Professor, Susan Bowman M.F.A. M.P.S. and Assistant Professor, Amanda Almon M.F.A. C.M.I. (Awarded, Did Not Attend, No Funding.)
- 2010 **Performing Arts Forum; International Artist Residency**, “31 - Sculptural/Media Installation,” St Erme Outre et Ramecourt, France.

- 2009 **The Banff Centre of the Arts Fine Art Residency Program:** Thematic Residency: *The Analogous Fields of Art and Science*, Alberta, CA.

SELECTED LECTURES PANELS & WORKSHOPS

- 2022 **University of Hartford**, Art School, Koltenuk Lecture Series: In Art and Healthcare (*Featured Speaker*) *The Art of Contemporary Medical Illustration and Visualization*. Hartford, CT. 4/27/2022.
- 2022 - 2020 *Motion of Life: Bioinspired Art & Design: Medical & Science Visualization*. Geology 01.112, Motion of Life Course, taught by Assistant Professor, Kristyn Voegele, Rowan University, Glassboro, NJ. (Guest Lectures in SP2020, F2020, SP2021, F2021, SP2022)
- 2022 **Cooper Hospital Bone & Joint Institute Orthopedic Grand Rounds Lecture:** *Contemporary Methods of Medical Illustration & Visualization as Applied to Surgical Education*. Camden, NJ. 4/19/2022.
- 2021 **Rowan University Office of Alumni Engagement and University Advancement, Lecture:** *Visualizing the Fine Art of Medicine and Healthcare Communication*. Online Event, 1/13/2021.
- 2019 **Rowan University ACE Women's Network Faculty Research Presentation Pecha Kucha: Medical & Scientific Visual Communications**. Glassboro, NJ. 11/12/2019.
- Association of Medical Illustrators 2019 Annual Conference**, Ted-Style Talk: *Health Objects and Medical Visuals: From Patient Literacy Gamification to Obsession and Self-Diagnosis*. Hyatt Regency, Milwaukee, WI. 7/28/2019.
- Pop Culture Association/American Culture Association 2019 Annual Conference**, Lecture: *Health Objects: From Patient Literacy to Obsession and Self-Diagnosis*. Material Culture Area: Image is Everything. Marriott Wardman Park Hotel Washington, DC. 4/17/2019.
- 2nd Annual Rowan University Faculty Research Day, Poster Presentation:** *Visualization of Surgical Interventions & Patient Directives in Neurology*. Amanda Almon, in collaboration with work created for expert William B Gormley, MD, MPH, MBA. Director, Neurosurgical Critical Care, Brigham and Women's Hospital, Department of Neurosurgery Harvard Medical School Building for Transformative Medicine, Boston, MA. Presented at Rowan University, Glassboro, NJ. 3/27/19.
- 2018 **Guild of Natural Science Illustrators 2018 Annual Conference Workshop:** *Introduction to Autodesk 3dsMax Basic Box Modeling with Workflow for Organic Sculpting & 3D Painting in Mudbox*. American University, Washington DC. 7/20/18.
- Guild of Natural Science Illustrators 2018 Annual Conference Panel Discussion:** *How to Choose a 3D Program*. Panelists included: Veronica Falconieri, Quinn Burrell and Amanda Almon. American University, Washington DC. 7/17/18.
- Guild of Natural Science Illustrators 2018 Annual Conference Lecture:** *3D Animation Design: Interdisciplinary Perspectives, Visualizing Science and Medical Narratives*. American University, Washington DC. 7/16/18.
- Rowan University School of Osteopathic Medicine Research Day, Poster Presentation:** *Research Case Studies in Scientific and Medical Visualization*. School of Osteopathic Medicine, Rowan University, Stratford, NJ. 5/3/2018.

Rowan Collaborators Workshop: *Campus Partnerships to Enhance Your Proposal, Lecture: Scientific and Medical Visualization.* Chamberlain Student Center, Rowan University, Glassboro, NJ. 4/11/2018.

1st Annual Rowan University Faculty Research Day, Poster Presentation: *Research Case Studies in Scientific and Medical Visualization.* Rowan University, Glassboro, NJ. 3/28/18.

Ric Edelman College of Communication and Creative Arts Symposium Lecture: *An Interdisciplinary Conversation of Arts and Sciences.* Victoria Hall, Rowan University, Glassboro, NJ Rowan University, Glassboro, NJ. 3/26/18.

2017 **Twisted Pixels: *The Ethics of Medical and Scientific Illustration and Visualization in Reporting.*** Health Reporting Journalism Course, taught by Assistant Professor Dianne Garyantes, Rowan University, Glassboro. NJ. 10/10/2017.

Academic Technology Week 2017 Lecture Series: *Integration of Portable, Accessible and Scalable Classroom Virtual Reality Solutions utilizing the Playstation 4 VR Gaming Platform to teach Game Design and Information Visualization.* Memorial Hall, Rowan University, Glassboro, NJ.

Cooper Medical School of Rowan University, Internal Medicine Residency 2017 Lecture Series: *Effective Poster Design for Research Co-Lecture: Assistant Professor, Amanda Almon M.F.A., C.M.I. and Professor Susan Bowman M.F.A., M.P.S. Cooper Hospital, Camden, NJ.*

Rowan University Biomedical Engineering Society, Lecture: *From Macro to Micro: Research Visualizations in Art, Science and Medicine.* Developed for Peter Galie, Ph.D. Program Coordinator/Adviser of the Biomedical Engineering Society. Henry M. Rowan College of Engineering, Rowan University, Glassboro, NJ.

Pop Culture Association/American Culture Association 2017 Annual Conference: *The Design of Airport Material Culture: From Haute Couture to Institutional Prisons.* Amanda Almon served as *Session Chair: Material Culture V Area: The Adaptive Environment; Co-Lecture: Assistant Professor, Amanda Almon M.F.A., C.M.I., and Professor Susan Bowman M.F.A., M.P.S. Marriott Marquis Marina, San Diego, CA.*

2016 **Rowan First Star STEAM Academy, Lecture/Workshop: *Biomedical Art and Visualization and 3D Modeling.*** Developed for Alicia S. Monroe, Ed.D. Assistant Director, Office of Career Advancement (OCA), Westby Hall, Rowan University, Glassboro, NJ.

20th Annual Rowan SOM Research Conference, Lecture/Q&A: *From Macro to Micro: Research Visualizations in Art, Science and Medicine.* Academic Center, School of Osteopathic Medicine, Rowan University, Stratford, NJ.

Airport Culture(s): Interdisciplinary Conference, Co-Lecture: *Augmented Wayfinding 2.0: Airport Design Systems and Symbolic Interactions for Defining User Space In-Between Places.* Co-Lecture: Assistant Professor, Amanda Almon M.F.A., C.M.I., and Professor Susan Bowman M.F.A., M.P.S. Institute of Modern Languages Research, University of London Senate House, London UK.

Elegy for Tesla Exhibition* by Artist Jeanne Jaffe **Interdisciplinary Visual Arts Practices Panel Discussion: *The Intersections of Art and Technology. Panelists included: Amanda Almon C.M.I. M.F.A., Chris Vecchio, Phil Mease, and Jeanne Jaffe; Moderator, Gallery Director, Mary Salvante. Rowan University Art Gallery, Glassboro, NJ.**

- Pop Culture Association/American Culture Association 2016 Annual Conference**, *Co-Lecture: Experiential Objects: Designing Interactions in Places, Spaces, and Immersive Cultures*. Amanda Almon served as *Session Chair*: Material Culture V Area: Human-Centered Interactions. *Co-Lecture*: Assistant Professor, Amanda Almon M.F.A., C.M.I., and Professor Susan Bowman M.F.A., M.P.S. Sheraton Hotel Seattle, WA.
- 2015 **Association of Medical Illustrators 2015 Annual Conference Lecture: Concept, tools and pedagogy: Designing Serious/Educational Games for Biomedical Illustration Session 3: Forging the Future**. Cleveland Clinic, Cleveland, OH.
- 2014 **What is Biomedical Art and Visualization? (Types of Projects, Subjects, Courses, and Careers)** Lecture for the Rowan University Biology Club, Science Hall 126, Rowan University, Glassboro, NJ.
- Biomedical Visualization: Media in Medicine*, Lecture for Assistant Professor, Thomas Keck's Translational/Biomedical Sciences Freshman Seminar, Rowan University, Glassboro, NJ.
- 2013 **Girls Go! Biomedical Art**, Lecture & Workshop, The Great Lakes Science Center, Cleveland, OH.
- Biomedical Art & Game Design, Arts & Health Tour*, General Assembly and Legislative Tour, Community Partnership for Arts & Culture, Cleveland, OH.
- 2012 **Science Redefining Art: Art Redefining Science**, Panel Discussion and Gallery Talk, Arts Collinwood Gallery, Cleveland, OH.
- Serious Games for Healing: Connecting and Communicating*, Philadelphia Science Festival Invited Speaker, Academy of Natural Science Drexel University, Philadelphia, PA.
- Introduction to 3D Modeling for Biomedical Art*, NEXT Event, Key (Bank) Diversity Initiative, The Cleveland Institute of Art, Cleveland, OH.
- Artist Talk: Biomedical Art**, Rowan University, Department of Art, Glassboro, NJ.
- 2011 **Visiting Artist Workshop: Adobe After Effects for Medical Animation**, Cleveland Clinic Learner Research Education Department of Medical Art and Photography, Cleveland, OH.
- Visiting Artist Lecture: 3D Biomedical Visualization Construction and Design**, The Rochester Institute of Technology Medical Illustration B.F.A. and M.F.A. Program, Rochester, NY.
- 2010 **Artist Talk, Lunch on Friday Series**, Cleveland Institute of Art, Cleveland, OH.
- Anatomica Aesthetica Gallery Talk**, Reinberger Gallery, Cleveland Institute of Art, Cleveland, OH.
- Artist Talk: Biomedical Art & Visualization**, Macromedia University with Dean Jurgen Faust, Munich, Germany.
- Artist Talk: The Art of Healing**, Cleveland Hillel Foundation Benefit, Museum of Contemporary Art, Cleveland, OH.
- 2009 **Artist Talk, Lunch on Fridays**, Cleveland Institute of Art, Cleveland, OH.
- Artist Lecture & Research Presentation, Thematic Residency: The Analogous Fields of Art and Science**, Banff Centre for the Arts, Alberta, Canada.

- 2008 *Art, Science & Technology in Educational Publishing Markets*, Lachina Publishing Services, McGraw-Hill Publishing Company, Dubuque, IA.
- Art, Science & Technology in Educational Publishing Markets*, Lachina Publishing Services, Cengage Publishing Company, Belmont, CA.
- New Media in Art & Science*, Cleveland School of The Arts, Cleveland, OH.
- 2007 *New Media in Medicine*, Integrated Media Lecture Series, Cleveland Institute of Art, Cleveland, OH.
- Digital Media and Scientific Visualization*, National Geographic, Washington DC.
- 2006 *What is Medical Illustration & New Media? BASICS Lecture Series*, Continuing Education, Cleveland Institute of Art, Cleveland, OH.
- Digital Media and Visualization*, John Carroll University, Cleveland, OH.
(Co-Lecture, Kristen Baumliier-Faber)
- 2005 *Biomedical Illustration: Demo Reel Tips, Job & Pricing Strategies*, Department of Medical Illustration, College of Imaging Arts and Sciences, Rochester Institute of Technology, Rochester, NY.
- Medical Animation in Industry and Visible Productions*. Colorado State University, National Science Fair, Fort Collins, CO.
- 2004 *3D Medical Animation in Industry*, Department of Medical Illustration, College of Imaging Arts and Sciences, Rochester Institute of Technology, Rochester, NY.
- 2001 *Adobe Illustrator Digital Illustration Workshop, Co-Lecture*: Amanda Almon, Shayne Davidson, M.F.A., Adjunct Professor, Association of Medical Illustrators National Conference, Asilomar, CA.

EXHIBITIONS & SCREENINGS

- 2021 **Art Faculty Exhibition**, Department of Art, Westby Hall 109 Art Gallery, Ric Edelman College of Communication and Creative Arts, Rowan University, Glassboro NJ. 9/15/2021.
- 2018 **Women in the Arts Media Festival: Selected Short Animations and Films**. Organized by Professor Diana Nicolae, Department of Radio, TV and Film, Ric Edelman College of Communication and Creative Arts, Rowan University, Glassboro NJ. October 26, 2018.
- 2017 *Blurring the Lines*, CCCA Faculty Exhibition at Rowan University Art Gallery, Glassboro NJ. November 18 - December 16, 2017.
- 2015 **Philadelphia Science Festival, 3D Medical Animation Series** (3-screen exhibition) in collaboration with George Lecakes, VR CAVE, South Jersey Technology Park, Rowan University, Glassboro, NJ. April 26, 2015.
- 2013 **Annual Faculty Show**, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.
- 2012 **Annual Faculty Show**, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.
- 2011 **Annual Faculty Show**, Reinberger Gallery, Cleveland Institute of Art, Cleveland, OH.

- Conservation Short Film (V.2)*, West Virginia Mountaineer Short Film Festival, Morgantown, WV (work created with Kristen Baumlied-Faber)
- Conservation Short Film (V.2)*, Sheffield Green Fair, Sheffield, South Yorkshire, England, Great Britain (work created with Kristen Baumlied-Faber)
- 2010 *Anatomica Aesthetica*, Reinberger Gallery, Cleveland Institute of Art, Cleveland, OH.
- Annual Faculty Show*, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.
- PAF (Performing Arts Forum) Open Studio Exhibition*, In-Progress Film Screening, PAF Residency, St. Erme, France.
- Flame Stacks Video Installation*, Cleveland Ingenuity Festival of Art & Technology: Asterisk Gallery at Ingenuity, Cleveland, OH. (work created with Sarah Paul)
- 2009 **Group Show Thematic Residency: *The Analogous Fields of Art and Science***, Other Gallery, Banff Artist Residency, Alberta, CA.
- Annual Faculty Show*, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.
- 2008 *Conservation Short Film*, Magmart | video under volcano, International Video Art Festival, Naples, Italy.
- Conservation Short Film*, Athens International Film Festival, Athens, OH.
- Conservation Short Film*, The Emperor's New Shorts Film Festival, Ladywell, England.
- Annual Faculty Show*, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.
- 2007 *Oh, Petroleum, Crude Oil Performance*, National Solar Conference, American Solar Energy Society, Cleveland, OH.
- Annual Faculty Show*, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.
- 2006 *Deplete Me Film, Visual Connections: A History of the Moving Image*, The Human Fund Benefit Event, Cleveland, O.H (work created with Kristen Baumlied-Faber)
- Fossil Fools Video Screening: *Deplete Me Film***, Sustainability Festival, Ohio University, Athens, OH.
- Annual Faculty Show*, Reinberger Gallery, Cleveland Institute of Art, Cleveland, OH.
- Oil Projections & Special Effects: *Oh Petroleum Film*** with Kristen Baumlied-Faber, Ingenuity Festival, Cleveland, OH.
- Oh, Petroleum, Crude Oil Performance*, with Kristen Baumlied-Faber, Ingenuity Festival, Cleveland, OH.
- Fossil Fools, Price of Gas Testimonial Projections: *Oh Petroleum Film*** with Kristen Baumlied-Faber, Athens Film Festival, Athens, OH.
- 2005 *Annual Faculty Show*, Reinberger Gallery, Cleveland Institute of Art, Cleveland OH.

- 2002 *Association of Medical Illustrators Annual Meeting Salon Exhibition*, Hotel Intercontinental at the Cleveland Clinic, Cleveland, OH.
- M.F.A. Thesis Exhibition*, School of Art and Design, University of Michigan, Ann Arbor, MI.
- 2001 *M.F.A. Works in Progress Show*, School of Art and Design, University of Michigan, Ann Arbor, MI.
- 1999 *Association of Medical Illustrators Annual Meeting Salon*, Asilomar Conference Grounds, Pacific Grove, CA.
- 1996 *Anatomical & Surgical Drawing Exhibition*, College of Imaging Arts and Sciences, Rochester Institute of Technology, Rochester, NY.
- 1994 *Outstanding Student Artist Exhibition*, Albright Knox Art Gallery, Buffalo, NY.

CONFERENCES

- 2022 *Attendee, Association of the US Army Conference*, Washington, DC. 10/12/2022.
- 2022 *Virtual Attendee, SCIVIZ New York Scientific Visualization Conference*, (COVID) Virtual Webinar Conference Series Online. 3/9/2022.
- 2021 *Virtual Attendee, Association of Medical Illustrators Annual Conference*, (COVID) Virtual Webinar Conference Series Online. 7/20/2021 - 7/28/2021.
- 2020 *Virtual Attendee, SCIVIZ New York Scientific Visualization Conference*, (COVID) Virtual Webinar Conference Series Online. 12/2/2020.
- Virtual Attendee, Association of Medical Illustrators Annual Conference*, (COVID) Virtual Webinar Conference Series Online. 9/9/2020 - 10/8/2020.
- 2019 *Attendee and Conference Presenter, Association of Medical Illustrators Annual Conference*, Hyatt Regency, Milwaukee, WI.
- Attendee, Session Chair, Material Culture: Image is Everything and Conference Presenter, Pop Culture Association/American Culture Association*, Marriott Wardman Park Hotel Washington, DC.
- 2018 *Attendee, SCIVIZ New York Scientific Visualization Conference*, Davis Auditorium, Leon and Norma Hess Center for Science and Medicine, Icahn School of Medicine at Mount Sinai, New York, NY.
- 2018 *Attendee, Design Incubator Colloquium: Professional Portfolio Strategies*. Type Directors Club, New York, NY.
- 2018 *Attendee, Conference Presenter, Panelist, and Workshop Presenter, Annual Guild of Natural Science Illustrators Conference: 50th Anniversary*. American University, Washington DC.
- 2017 *Attendee, Annual Association of Medical Illustrators Conference*, University of Texas, Austin, TX.
- 2017 *Attendee, SCIVIZ New York Scientific Visualization Conference*, Davis Auditorium, Leon and Norma Hess Center for Science and Medicine, Icahn School of Medicine at Mount Sinai, New York, NY.
- 2017 *Attendee, Session Chair, Material Culture V: The Adaptive Environment*, and *Conference Presenter, Pop Culture Association/American Culture Association*, Marriott Marquis Marina, San Diego, CA.

- 2016 *Attendee, Session Chair, Material Culture V: Human-Centered Interactions and Conference Presenter, Pop Culture Association/American Culture Association, Sheraton Hotel, Seattle, WA.*
- 2016 *Attendee and Conference Presenter, Airport Culture(s): Interdisciplinary Conference, Institute of Modern Languages Research, University of London Senate House, London UK.*
- 2015 *Attendee and Conference Presenter, Annual Association of Medical Illustrators Conference, Cleveland Clinic, Cleveland, OH*
- 2015 *Attendee, SEG D (Society for Experiential Graphic Design) Conference, Chicago, IL.*
- 2014 *Attendee, Annual Association of Medical Illustrators Conference, Mayo Clinic, Rochester, MN.*
- 2014 *Attendee, Game Developers Conference, San Francisco, CA.*
- 2013 *Attendee, Co-Author, Billy Bear's Honey Chase with M. Kenney, A. Almon, and L. Hatch, (Five Minutes of Fame Presentation) The NMC Summer Conference. Hilton Head, SC.*
- 2013 *Attendee, Game Developers Conference, San Francisco, CA.*
- 2012 *Attendee, Annual Association of Medical Illustrators Conference, Toronto, Canada.*
- 2012 *Attendee, Game Developers Conference, San Francisco, CA.*
- 2012 *Attendee, Popular Cultural Association/American Cultural Association Conference, Boston, MA.*
- 2011 *Attendee, Game Developers Conference, San Francisco, CA.*
- 2011 *Attendee, Annual Association of Medical Illustrators Conference, Baltimore, MD.*
- 2010 *Attendee, College Art Association Annual Conference, Chicago, IL.*
- Attendee, Guild of Natural Scientific Illustrators, Raleigh, NC.*
- 2009 *Attendee, Game Developers Conference, San Francisco, CA.*
- Attendee, College Art Association Annual Conference, Los Angeles, CA.*
- 2008 *Attendee, Association of Medical Illustrators National Conference, Indianapolis, IN.*
- Attendee, Faculty Representative, SIGGRAPH Conference, Los Angeles, CA.*
- Attendee, Flash Forward, San Francisco, CA.*
- Attendee, Pictoplasma: Contemporary Character Animation Conference, NYC, NY.*
- Attendee, College Art Association Annual Conference, Dallas, TX.*
- 2007 *Attendee, Association of Medical Illustrators National Conference, Bozeman, MT.*
- Attendee, SIGGRAPH Conference, San Diego, CA.*
- Attendee, BAVC San Francisco, Special FXs Video Training: After Effects, San Francisco, CA.*

- Attendee, Eurographics Conference*, Bangor, England.
- Attendee, College Art Association Annual Conference*, NYC, NY.
- Attendee, Women Leadership & Management Executive Seminar Series*, Case Western Reserve University, Weatherhead School of Management, Cleveland, OH.
- 2006 *Attendee, Association of Medical Illustrators National Conference*, Boston, MA.
- Attendee, SIGGRAPH Conference*, Boston, MA.
- Attendee, New Media Consortium Conference*, Cleveland, OH.
- 2005 *Attendee, Association of Medical Illustrators National Conference*, Thousand Oaks, CA.
- 2004 *Attendee, Association of Medical Illustrators National Conference*, Cleveland, OH.
- Attendee, Workshop Introduction to Maya for Medical Illustrators, Association of Medical Illustrators National Conference*, Cleveland, OH.
- Attendee, Landmark Education and Forum Leadership Workshop*, Denver, CO.
- 2003 *Attendee, Association of Medical Illustrators National Conference*, New Orleans, LA.
- 2001 *Attendee, Association of Medical Illustrators National Conference*, Asilomar, CA.

CURRICULAR DESIGN & STUDENT MENTORING

- Present - 2022 *Faculty Advisor, Honors with Distinction Capstone Research Project* with student major, Emerson Harman.
- Present - 2020 *Co-Faculty Advisor (with Ryan Berardi) BFA Biomedical Art and Visualization Student Cooper Hospital Department of Orthopedics, Bone & Joint Institute 3D Printing Internship for Pre-Operative Planning Assessing Distal Radius Fracture Comparisons.* Management, planning, training and review of student interns creating 3D printed models for research and patient applications. Students mentored: Hannah Knight (class 2020); Mariele Ford (Class 2022); Diana Lahr (Class 2023)
- Present - 2018 *Faculty Advisor, B.F.A. Biomedical Art and Visualization Student Government Club Formation and Successful SGA Charter* with student majors and e-Board, approve ProfLink reviews/purchases and events.
- Present - 2014 *Faculty Mentor, B.F.A. Biomedical Art and Visualization Student Majors* (outside scheduled course time) individual academic and career advising and mentoring of all BMAV Majors during the 4-year program, includes: review and recommendation of course registrations, portfolio advisement, internship search/acquisition, recommendation letters, career and graduate school application mentoring, BFA Thesis and Exhibition Committee membership and post-graduate and alumni relations and advising.
- 2022 - 2020 *Graduate, Undergraduate and ECE Clinic Consultant Faculty Advisor, Henry M. Rowan, Electrical & Computer Engineering Students: George Lecakes, Ph.D. Committee, Alex Wiese, Masters Committee, Garrett Williams; SP22 Clinic VR Project: Teaching and Learning about the Holocaust through VR (Virtual Reality) and AR (Augmented Reality).* South NJ. Technology Park, Rowan University, Glassboro, NJ.

- 2022 - 2019 *Faculty Internship Advisor, Art, Engineering, and Medicine for Enhancing Orthopedic Resident Entrustability: Bringing Virtual and Augmented Reality Technology to Camden, NJ., Biomedical Art and Visualization Student Summer Internship Grant Project*, Faculty Creative Direction/Advising Karlee D. Rogers (class 2020), Taylor McKeown (class 2020), Jessica Angelini (class 2021), Veronica Cava, Terry Nguyen, Sofia Monaco (class 2022) and high school Art/VR Intern, Allison Talty (Summer Semester Terms 2019, 2020, 2021, 2022)
- 2021 *Master's Thesis Committee Faculty Advisor*, Henry M. Rowan, Electrical & Computer Engineering M.S. Student: Alexander Wiese; **Thesis Topic: Image Processing Algorithms for Detection of Anomalies in Orthopedic Surgery Implants**; Defense 12/15/2021. South NJ. Technology Park, Rowan University, Glassboro, NJ.
- Ph.D. Dissertation Committee Faculty Advisor*, Henry M. Rowan, Electrical & Computer Engineering Student: George Demetrius Lecakes Jr.; **Dissertation Topic: The Matrix Revisited: A Critical Assessment of Virtual Reality Technologies**; Defense 3/5/2021. (Virtual) South NJ. Technology Park, Rowan University, Glassboro, NJ.
- ECE Clinic Consultant Faculty Advisor*, Henry M. Rowan, Electrical & Computer Engineering B.S. Student: Richard Stelts and B.F.A. Biomedical Art & Visualization Student, Hannah Knight; **SP21 Clinic Project: Prosthetic Arm Design & Visualization**. South NJ. Technology Park, Rowan University, Glassboro, NJ.
- 2019 *B.F.A. Biomedical Art & Visualization Curricular Design & Implementation Process (D) Changes to the B.F.A. in Biomedical Art and Visualization Curriculum to be in Compliance with the New Jersey State Law Mandate of 120 Credit Hour Baccalaureate Degree Programs (ref: NJ No. 1265) (Approved 2019) Rowan University, Glassboro, NJ.*
- 2019 - 2018 *Faculty Advisor, Biomedical Art and Visualization Student Creative Direction for 2018 SEED Grant Funded Film Project by Professor Dr. Joseph Bierman*. Art and technical direction, project management for two students (Evan Dailey and Leanne Carlson, class of 2020) to create 3D and 2D Animation and Illustrations for edit and film integration for historical narrative reconstruction. Department Radio, TV & Film, Rowan University, Glassboro, NJ.
- 2019 *Bantivoglio Honors Concentration in the Honors College Education and Pedagogy Workshop*. Whitney Center, Rowan University, Glassboro, NJ. 5/21/2019.
- National Geographic Magazine, Student Internship Opportunity Appointment and Tour*. Met with Senior Graphics Editor, Fernando G. Baptista and Senior Graphics Editor, Monica Serrano. Washington, D.C. 4/18/2019.
- Faculty Advisor/Representative, Rochester Institute of Technology Student Mentoring Guest Alumni Discussion*. Mütter Museum, College of Physicians, Philadelphia, PA. 4/5/2019.
- Faculty Advisor, Rowan University Biomedical Art and Visualization Student Scholars Symposium*. Enyon Ballroom, Chamberlain Student Center, Rowan University, Glassboro, NJ. 3/27/2019.
- Rowan University Radio Interview* with Student Sean Kelly for a *Fortnite Game Design Documentary* featured faculty expert on Fortnite game art, theory and design concepts. Rowan Radio Station, Bozorth Hall, Glassboro, NJ.
- Middle States Program/Assessment Coordinators Accreditation Meeting*. Chamberlain Student Center, Rowan University, Glassboro, NJ. 3/12/2019.

- 2018 - 2017 *B.F.A. Biomedical Art & Visualization Curricular Design & Implementation* Process (Q) Relocate the Program of Biomedical Art and Visualization B.F.A. from the Department of Art to the Department of Radio, TV and Film proposal (Approved 2018) Rowan University, Glassboro, NJ.
- 2018 - 2017 *B.F.A. Biomedical Art & Visualization Curricular Design & Implementation* Process (A) Three Name and Pre-requisite Changes to Existing Courses in the 129 Credit Hour Program. (Approved 2018) Rowan University, Glassboro, NJ.
- 2018 *Faculty Advisor, Rowan University Biomedical Art and Visualization Student STEM Symposium.* Enyon Ballroom, Chamberlain Student Center, Rowan University, Glassboro, NJ. 4/20/2018.
- Chaperone, ART09363 Graphic Design V: Publication Design Field Trip* to visit Scholastic Magazine, Rocco Piscatello Design Studio and Herter Design Group. New York City, NY. 4/6/2018.
- 2017 - 2016 *Certificate in Undergraduate Students in Game Media Design (CUGs)* Submitted by Amanda Almon M.F.A., C.M.I., Faculty Lead Author. Approved by the Academic Issues Committee of the Rowan University (B.O.T. Approved August 29, 2017.)
- 2017 *Curricular and Professional Research Trip to Berlin, Germany.* Attended the Berliner Medizinhistorisches Museum der Charité and Special Exhibition: *On the Trace of Life*. Attended the Bauhaus Archive Design Museum; The Holocaust Memorial and Jewish Museum; The Reichstag; Pergamon Museum. Berlin, Germany.
- 2016 - 2015 *B.F.A. Biomedical Art and Visualization Rowan University B.O.T. Program Approval and NJ State Approval* (NJPC Resolution 060616-11) Successfully completed the required documentation, selection and coordination with the Program External Consultant (Glen Hintz) in collaboration with the Vice President for Academic Affairs, Dr. Roberta Harvey. Approved June 2016.
- 2016 *Rowan University Study Abroad Trip Organizer/Chaperone Discover Paris: Through Art, Design and Culture* May 16 - May 22, 2016. Organized by: Professor Susan Bowman M.F.A., M.P.S. (Primary Faculty Lead) Assistant Professor, Amanda Almon M.F.A., C.M.I., (Secondary Faculty Lead) Sponsored by the Rowan University Study Abroad Office with Laura Kahler and the National Study Abroad Company EF Tours. Authored and chaperoned 8 students to Paris, France for a 1-week immersive course.
- Curricular and Professional Research Trip to Rome, Italy; and Zagreb, Croatia* Attended Museum of the History of Medicine; Convento dei Frati Cappuccini; Ruins of Pompeii; Historical Museum of Medical Art; Museo Civico di Zoologia Museum. Rome, Italy. Attended Typhology Museum; Nikola Tesla Museum; Museum of Torture. Zagreb, Croatia.
- 2016 - 2014 *NASAD (National Association of Schools of Art and Design) Accreditation Report* for the Rowan University Department of Art. Assisted the Department of Art Chair with the research and writing of the report for the October 2015 submission and onsite visit. All Department of Art Studio Programs (B.F.A, B.A.) and the B.F.A. in Biomedical Art and Visualization were successfully re-accredited for a ten-year cycle in 2016.
- 2015 - 2014 *B.F.A. Biomedical Art & Visualization Curricular Design & Implementation* Process (F) proposal (Pending Provost/BOT and State Approval) Rowan University, Glassboro, NJ.
- 2014 - 2013 *Game Design Major redesign of curriculum, assessment, faculty acquisition, strategic partnerships, and internship development,* Cleveland Institute of Art, Cleveland, OH.

- 2014 - 2012 *Coordination & Curricular Development* of the new joint Masters of Biomedical & Scientific Visualization collaboration with Cleveland Institute of Art, Case Western Reserve University, and the Cleveland Clinic, Cleveland Institute of Art, Cleveland, OH.
- 2014 - 2012 *Institutional Intellectual Property Process & Design*, Cleveland Institute of Art, Cleveland, OH.
- 2011 *NCA Accreditation & Assessment Study Steering Committee Author/Reviewer*, Cleveland Institute of Art, Cleveland, OH.
- 2010 - 2008 *NASAD Curriculum Writer, accreditation and curriculum development* for two new Majors in Integrated Media: Animation, and Game Design, Cleveland Institute of Art, Cleveland, OH. (Submitted to NASAD and the Ohio Board of Regents, approved May 2010.)
- 2009 *Established Cleveland Institute of Art Biomedical Art Affiliation Agreement* with University Hospitals, Case Western Reserve University, Cleveland, OH
- 2007 *Project Art Director, Siggraph Trade Show Booth Institutional Marketing Initiative*, Cleveland Institute of Art, Cleveland, OH.
- 2006 **Media Distance Learning Shows**, (Biomedical Art), Cleveland Institute of Art with W.V.I.Z Public Television: High School Student Outreach Programming, Cleveland, OH.
- 2005 *Scientific Illustration and Pre-Medical Illustration Major redesign of curriculum, assessment, faculty acquisition, strategic partnerships, and internship development.* Designed the “Biomedical Art” major at Cleveland Institute of Art, Cleveland, OH.

ACADEMIC SERVICE

Program Coordinator Biomedical Art B.F.A., Rowan University

Present - 2014 **NASAD Accreditation Association**, Rowan Institutional Representative for the Biomedical Art and Visualization B.F.A. Program. Review and submit ongoing yearly accreditation reports/letters for the required standards of B.F.A. BMAV degree accreditation. (Formalized December 2018; next review cycle 2026)

Assessment Coordination and Management of B.F.A. Program. Development of course specific assessment (TracDat & NASAD) rubrics, review, and data submission of student assessment information coordinating with adjunct support faculty; assessment of BMAV courses in the Rowan Core and Department of Art NASAD Foundation Core; B.F.A. Core Portfolio, B.F.A. Works in Progress Review; and B.F.A. Thesis/Exhibition Portfolio Review.

Scholarship Awards Review for Incoming BMAV B.F.A. Students, Annual review and selection of four ½ tuition funded merit awards for outstanding portfolios. Advocacy and outreach for new Program Scholarships.

BMAV B.F.A. All Major Student Fall and Spring Semester Orientation(s)
Organize, plan meetings/activities 1-2 times during the semester for general advising, professional standards and community/team building.

Manage, Coordinate, and Post Internship and Career Opportunities. Maintain active Major Discord Channel internship and career resource site for all BMAV B.F.A. Major students. Send email postings, meet with potential employers, networking for student post-grad support.

Recruitment Presentations, Social Media, and onsite/virtual review sessions. Rowan Department of RTF/Art Open House Presentations (in-person/virtual.) Present and work with Student Ambassadors and Biomedical Art and Visualization students to meet with prospective students/families onsite and in personal advising zoom sessions. Manage Rowan BMAV Facebook and Instagram pages with student coordinators and Rowan BMAV BFA website content administrator: <https://cca.rowan.edu/departments/radioTelevisionFilm/biomedical.html>

Admissions onsite and Slide-room Portfolio Reviews, review all incoming freshman, and transfer student portfolio applications for admission to the BMAV Program.

Budget Management: Planning, requests, ordering and use of the fiscal year BMAV Operating Budget – includes Amazon Business designee, ITAP Reqs. DCA Transfer requests, and general accounts payable orders and protocols, implementation and management of student fee spending and per faculty requests for course instructional supplies and materials.

Student Worker Contract Management and Approvals. Recruit, retain and contract student workers for Federal Workstudy and special service contracts to fulfill special projects including, figure modeling, recruitment activities and projects.

Scheduling and Hiring Adjunct Faculty in Biomedical Art and Visualization. Develop and review semester schedules for course programming in coordination with Student Advising, the Chair and Associate Dean. Coordinate facilities room assignments shared with the Department of Art. Promote and market, recruit qualified adjunct and faculty per course hires and per semester.

Program Coordinator

Certificate of Undergraduate Study in Game Media Design, Rowan University

Present - 2018 Manage CUGS requests/needs, Student Advisement, Recruitment, Curricular review and assessment, Rowan CUGs in Game Media Design website content administrator: <https://cca.rowan.edu/departments/radioTelevisionFilm/cugs-in-game-media-design.html>

Department of Radio, TV and Film, Rowan University

2023 - 2022 *Member*, Curriculum Committee

Member, Tenure and Recontracting Committee

Member, Masters in TV Studies Committee

Member, RTF Medallions/Showcase Committee (Biomedical Art Major)

Member, RTF MA in Television Studies Search Committee: Assistant or Associate Professor Tenure-Track

Member, RTF Media Fest Committee, Design graphics for poster promotion and direct student workers for motion graphics production.

2022 - 2021 *Member*, Curriculum Committee

Member, RTF Medallions/Showcase Committee (Biomedical Art Major)

Chair, Member RTF Biomedical Art and Visualization Search Committee: Lecture Line

- 2021 - 2020 *Member*, Curriculum Committee
- Member*, RTF Medallions/Showcase Committee (Biomedical Art Major)
- Member*, RTF Media Fest Committee, Design graphics for poster promotion and direct student workers for motion graphics production.
- Ro-Pros Faculty Production* NASA Big Idea Engineering Competition, created a 45 second 3D Animation Visualization on Astronaut Space Dust Simulation for edit (collaboration with Jon Akass)
- 2020 - 2019 *Chair*, Curriculum Committee
- Member*, RTF Animation Search Committee: Assistant Professor Tenure-Track
- Member*, RTF Media Fest Committee, Design graphics for poster promotion and direct student workers for motion graphics production.
- Member*, Sabbatical Committee
- 2019 - 2018 *Co-Chair*, Curriculum Committee
- Member*, Technology Committee
- Member*, RTF Media Fest Committee, Design graphics for poster promotion and direct student workers for motion graphics production.
- Member*, Sabbatical Committee
- 2018 - 2017 *Member*, Curriculum Committee Member, RTF Media Fest Committee Member, Technology Committee
- Faculty Representative*, Department of Radio, TV and Film Student Meetup Welcome Student Orientation and Faculty Presentations. 9/17/2018.

Department of Art, Rowan University

- 2017 - 2016 *Member*, Curriculum Committee Member, Recruitment Committee
- Member*, Strategic Planning Committee/Budget Member, Visiting Artist/Rowan University Exhibitions.
- Organized and hosted Visiting Artist Lecture* by Natural Science Illustrators, Bob Walters and Tess Kissinger, Paleontological Illustration.
- 2016 - 2015 *Member*, Adjusted Load Committee Member, Curriculum Committee
- Member*, Strategic Planning Committee/Budget/NASAD Committee Chair, Recruitment Committee
- Member*, Sculpture/3D Design Search Committee
- Faculty Representative*, Rowan Department of Art Open House and Portfolio Review: 11/22/2015 and 3/6/2016.
- Organized and hosted Visiting Artist Departmental Lecture* by Dawn Wilson, former Department of Communications Alumni 1991, Animal Photography in the Wild. Guest Lecture presentation in Associate Professor, Keith Adams, History of Photography course in collaboration with the Introduction to Natural Science and Zoological Illustration course.
- 2015 - 2014 *Co-Author*, 2015 Program Review and Revitalization Report Committee Chair, Department of Art, Recruitment Committee

Reviewer, Department of Art Portfolio Open House: 10/26/2014 and 2/8/2015.

Reviewer and Faculty Representative, New York City National Portfolio Day 11/16/14, New York, NY.

Faculty Representative, Rowan Department of Art Open House: 10/19/2014 and 11/2/2014.

Faculty Representative, Art Educators of New Jersey (AENJ) Booth Recruiting Activity, Long Branch, NJ.

2015 - 2014 *Faculty Representative*, completed installation of the Information Design Exhibition, Westby White Gallery: 10/25/14, in collaboration with Department of Art Chair, Susan Bowman.

Faculty Representative, Art Educators of New Jersey (AENJ) Booth Recruiting Activity, Long Branch, NJ.

Ric Edelman College of Communication and Creative Arts, Rowan University

2023 - 2022 *Member*, Dean's College Academic Council Committee

Member, Senate Interdisciplinary Committee

Member, Rowan University Art Gallery Advisory Board

BMAV BFA Major Representative, Ric Edelman College of Communication and Creative Arts Awards Showcase & Recognition Day

2022 - 2021 *Member*, Dean's College Academic Council Committee

Member, Rowan University Art Gallery Advisory Board

Member, College Promotion Committee

BMAV BFA Major Representative, Ric Edelman College of Communication and Creative Arts Awards Showcase & Recognition Day (onsite Pfleegar Hall)

Alumni Lecture in Michelle Viveros AP High School Art & Media Class: 45 Min Lecture Career Day: Delsea Regional High School in Franklinville, NJ. ECCCA College Majors (focus on BMAV and Art, RTF Bachelor's Degree interdisciplinary career options) 5/5/2022.

School of Osteopathic Medicine HCOP Summer Explorers Program Virtual Guest Lecture, organized by Nyla Fussell M.H.A Program Coordinator, Case Manager/Advisor Department of Family Medicine; Lecture ECCCA College Majors (focus on BMAV with Art, RTF bachelor's degree interdisciplinary courses and career options) 7/28/2022.

2021 - 2020 *Member*, Dean's College Academic Council Committee

Member, Rowan University Art Gallery Advisory Board

BMAV BFA Major Representative, Ric Edelman College of Communication and Creative Arts Awards Showcase & Recognition Day (online virtual flipbook.)

Member, Search Committee Coordinator of Entrepreneurship, Visibility and Professionalization supports Department of Art, Photography Concentration.

Member, Search Committee Assistant Director, Rowan University Art Gallery supports college staffing and gallery programming.

- 2020 - 2019 *Member*, Dean's College Academic Council Committee
- Member*, Rowan University Art Gallery Advisory Board
- Co-Chair RTF Faculty Representative*, CCCA Student Showcase and Awards Ceremony Committee
- Member*, CCCA Health Communications New BA Degree Program Curriculum Committee Task Force
- Member*, CCCA Academic Dismissal Appeals Committee
- 2019 - 2018 *Member*, Dean's College Council Committee
- Co-Chair RTF Faculty Representative*, CCCA Student Showcase and Awards Ceremony Committee
- Member*, Rowan College of Burlington County, BA in Applied Professional Communications Degree Curriculum Committee Task Force, External Evaluator Site Visit 3/1/2019.
- Member*, CCCA Health Communications New BA Degree Program Curriculum Committee Task Force
- Member*, CCCA Academic Dismissal Appeals Committee
- 2018 - 2017 *Co-Chair RTF Faculty Representative*, CCCA Student Showcase and Awards Ceremony Committee
- Member*, Rowan College of Burlington County, BA in Applied Professional Communications Degree Curriculum Committee, College of Communication and Creative Arts, Rowan University, Glassboro, NJ.
- Member*, CCCA Academic Dismissal Appeals Committee
- Faculty Representative*, CCCA Open Doors Day: Admitted Fall Applicants Orientation Luncheon. Chamberlain Student Center. 2/19/2018.
- Faculty Participant*, CCCA Dean's Strategic Visioning/Brainstorming Retreat,
- Faculty Participant*, "Adopting and Naming Our Unicorn." Hosted by Dean Sanford Tweedie. 200 Victoria Hall. 2/23/2018 and 12/1/2017.
- 2017 - 2016 *Faculty Representative*, Rowan Department of Art, Exploratory Studies Workshop, Wilson Hall. 9/22/2016.
- Faculty Representative*, Rowan Department of Art, New Student Advising and Orientation Information Sessions, 1/4/17, and 1/9/17.
- Faculty Representative*, Rowan Department of Art, "Major Madness" Information Sessions and Career Open House, Eynon Ballroom, Chamberlain Student Center. 3/1/2017.
- Faculty Representative*, Rowan Department of Art, CCCA Identity Clarification/ Looking to the Future Part 2 workshop, South NJ. Tech Park.
- 2016 - 2015 *Member*, Game Design Concentration Deans Committee
- Organized and hosted* Visiting Artist Public Lecture by Medical Illustrator Ethan Geehr C.M.I. M.F.A. The Art of Medicine.

2015 - 2014 *Member*, CCCA Awards Ceremony Committee, Department of Art Representative, .
Faculty Representative, Campus Interview: Biomedical Art & Visualization
Web Press Release for Patricia Quigley, Press Release for Dennis Dougherty:
10/20/2014.
Member, Game Design Concentration Deans Committee

Rowan University

2023 - 2022 *Member*, Office of the Provost, R1 Implementation Committee
Member, Senate Interdisciplinary Programs Committee
Member, Search Committee for Assistant Director 2, University Publications
Member, Search Committee, Research Engineer Virtual Reality Center - PSS4
Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)
Faculty Team Member, Machine Learning, Artificial Intelligence, Virtual reality Center (MAVRC) Henry M. Rowan College of Engineering
Engineering Clinic Instructor, Henry M. Rowan College of Engineering (teach Engineering Clinic course sections) Fall 2022, Spring 2023
Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course section)

2022 *Biomedical Art and Visualization: Art, Science. Medicine and Technology*
1st Edition Book Publication. Author: Almon, A., Design: Bowman, S.; Printed by: Garrison Printing Company. Sponsored by: Rowan University Office of University Advancement, the Biomedical Art and Visualization BFA Program, the Ric Edelman College of Communication and Creative Arts, Rowan University, Glassboro, NJ. © 2022

2022 - 2021 *Chair*, Member Search Committee, Research Engineer Virtual Reality Center - PSS4
Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)
Engineering Clinic Instructor, Henry M. Rowan College of Engineering (teach Engineering Clinic course sections) Fall 2021, Spring 2022
Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course section)
University Graduation Platform Faculty, Ric Edelman College of Communication & Creative Arts

2021 - 2020 *University Graduation Platform Faculty*, Ric Edelman College of Communication & Creative Arts
Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)
Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course and Surgical Illustration & Media course sections)

- 2020 - 2021 **University Senate Service, Applied / Not Selected:**
University Promotion
University Tenure and Recontracting
University Campus Aesthetics and Environmental Concerns
University Recruitment Admissions and Retention
University Technological Resources
- 2020 - 2019 *Faculty Member representative, 2020 Chamberlain Student Center Addition Planning (Agora) Building Committee*
Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)
Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course and Surgical Illustration & Media course sections)
- 2019 - 2018 *Member, Senate Professional Ethics Committee*
Curator, President's Art Exhibition Showcase Bole Hall, Biomedical Art and Visualization Exhibition
Curator, B.F.A. Student work for exhibition to support the Department of RTF and the Department of Art broader university visibility
*Organizing Chair, Rowan University's Inaugural **Experiential Design Conference: Interdisciplinary Narratives in Art, Design, Science and Entrepreneurship** (9 Speakers. 1 - Day) Co-Chair, Susan Bowman, M.F.A. M.P.S., Professor of Graphic Design. University wide Event/Open and Free to the public. Supported from the CCCA STORI Fund. 301 High Street, Rowan University Art Gallery. 3/29/2019.*
Faculty Representative, Bantivoglio Honors Concentration in the Honors College Accepted Student Reception and Presentation of Biomedical Art and Visualization B.F.A. Student Work. Enyon Ballroom, Chamberlain Student Center. 4/6/2019.
Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)
Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course and Surgical Illustration & Media course sections)
- 2019 - 2018 *Faculty Representative, Philadelphia Science Festival, Rowan University Campus Community Site, Drawing Science and Playing Games with the Biomedical Art and Visualization B.F.A. Major. Robinson Circle, Rowan University*
Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)
Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course and Surgical Illustration & Media course, Figure Anatomy for the Artist course sections)
- 2018 - 2017 *Member, University Senate Research Committee*
Member, University Senate Recruitment, Admissions, Retention Committee
Faculty Representative, Biomedical Art and Visualization B.F.A. Student Art Work Exhibition and Permanent/Loan Collections. Collaboration with Dennis Collins, for curation and acquisition for facilities display at Cooper Medical School of Rowan University. Camden, NJ.

Panel Discussion, Hindsight is 20/20 Mentorship from a 4th Year Tenure Track Faculty Rowan University New Faculty Orientation 2017; Sponsor: Faculty Center

Curator, President's Art Exhibition Showcase Bole Hall, Biomedical Art and Visualization B.F.A. Student work for exhibition to support the Department of RTF and the Department of Art broader university visibility

Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)

Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course and Surgical Illustration & Media course, Figure Anatomy for the Artist course sections)

2018 - 2017 *Faculty Representative*, Bantivoglio Honors Concentration in the Honors College Accepted Student Reception and Presentation of Biomedical Art and Visualization B.F.A. Student Work. Enyon Ballroom, Chamberlain Student Center. 4/7/2018.

Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)

Faculty, Bantivoglio Honors Concentration in the Honors College (teach 3D Digital Modeling course and Surgical Illustration & Media course, Figure Anatomy for the Artist course sections)

2017 - 2016 *Member*, University Senate International Education Council

Curator, President's Art Exhibition Showcase Bole Hall, Biomedical Art and Visualization B.F.A. Student work for exhibition to support the Department of RTF and the Department of Art broader university visibility

Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)

2016 - 2015 *Member*, University Senate Sabbatical Committee

Faculty Representative, Philadelphia Science Festival, Rowan University Campus Community Site: Game Design Presentation Workshop. 301 High Street, Rowan University Art Gallery, Glassboro, NJ.

Instructor, Biomedical Sciences, Cooper Medical School at Rowan University (teach M1/M2 Selective course sections)

Cleveland Institute of Art

2015 - 2014 *Strategic Partnerships Direction and Curricular Coordination for Biomedical Art and Game Design Majors*
Cleveland Botanical Gardens Cleveland Museum of Natural History
Cleveland Clinic Medical Art & Photography
Case Western Reserve University (*College of Art & Sciences, Computer Science, School of Medicine, University Hospitals, Academic Information Technology*)
Cuyahoga County Medical Examiner's Office
Bioenterprise
Community Partnership for Arts & Culture, Cleveland, OH.

2014 - 2013 *Member*, One-Campus Unification Project, Transition

Member, Institutional Intellectual Property Committee

Faculty AICAD Reviewer, National Portfolio Day

- 2013 - 2012 *Faculty AICAD Reviewer*, National Portfolio Day AICAD Reviewer at the Columbus College of Art & Design, Columbus, OH.
- Member*, Institutional Intellectual Property Committee Chair, Animation Faculty Search Committee
- 2012 - 2011 *Faculty Council (Senate) President* Developed 1st AAUP Advocacy Chapter
- Member*, NCA Study Steering Committee
- Member*, Liberal Arts Task Force
- Judge*, Presidential Scholarships, Integrated Media Environment
- Faculty Organizer*, Mutter Museum, Philadelphia Institute Field Trip, special lecture, screening with Museum Director Dr. Robert Hicks, Philadelphia, PA.
- 2011 - 2010 *Faculty Council (Senate) President*
- Member*, Presidential Search Committee, successfully hired President Grafton Nunes
- Judge*, Honorary Scholarship, Integrated Media Environment
- Judge*, Presidential Scholarship, Integrated Media Environment
- Member*, Academic Planning Team Committee Member, Academic Technology Committee/Advisory Board
- 2010 - 2009 *Member*, Presidential Search Committee
- Faculty Representative* to the C.I.A. Board of Trustees Member, Design Theorist Advisory Committee Member, Academic Planning Team Committee
- Member*, Integrated Media Core Curriculum Development, Game Design and Animation
- 2009 - 2008 *Member*, Integrated Media Core Curriculum Development, Game Design and Animation
- Member*, T.I.M.E. Digital Arts Faculty Search Committee, Animation Faculty
- Faculty Representative* to the C.I.A Board of Trustees
- Member*, Design Theorist Advisory Committee
- Member*, Academic Planning Team Committee
- Member*, Academic Program and Architecture Planning Committee
- 2008 - 2007 *Chair*, Biomedical Art Faculty Search Committee
- Member*, Integrated Media Core Curriculum Development: Game Design and Animation
- Faculty Representative* to the C.I.A Board of Trustees
- Member*, Admissions and Financial Aid Committee
- Member*, Design Theorist Faculty Search Committee
- Member*, Academic Program and Architecture Planning Committee

- 2007 - 2006 *Member*, T.I.M.E. Digital Arts Faculty Search Committee, Interactive Media
Member, Academic Technology Committee/Advisory Board
Chair, Biomedical Art Curriculum Committee
Member, SIGGRAPH Trade Show Booth Committee
- 2006 - 2005 *Member*, Policies & Procedures Committee.
Member, Academic Technology Committee/Advisory Board
Member, M.F.A. Digital Arts Curriculum Committee
Member, SIGGRAPH Trade Show Booth Committee
Faculty Organizer, University of Michigan School of Art & Design Institute Field Trip: Visiting Artist Gerry Hodge Workshop Traditional Color Techniques, University of Michigan, Ann Arbor, MI.

PROFESSIONAL MEMBERSHIPS & SERVICE

- Present - 2022 *Member*, AUSA (Association of the US Army)
- Present - 2022 *Executive Board Member*, Red Tide US Masters Swim Team
- Present - 2019 *Member*, AIGA (American Institute of Graphic Artists)
- Present - 2015 *Member*, Pop Culture Association/American Culture Association
- Present - 2015 *Executive Board Member*, Critical Practices Inc.
 2023 - 2020 Web Design Committee
 2019 - 2015 Secretary, Communications, and Website Production
- Present - 2010 *Member*, International Game Developers Association
- Present - 2010 *Professional Member*, Guild of Natural Science Illustrators
 2023 - 2018 GNSI Education Committee
- Present - 2005 *Member*, Association of Medical Illustrators
Professional & Certified Medical Illustrator
 2023 - 2021 AMI Undergraduate Educators Committee
 2018 - 2017 AMI Membership Committee
 2016 - 2015 AMI Illustrators Sponsorship Committee
 2015 - 2013 AMI Cleveland OH Conference: Planning Committee Salon Set Up/Installation Cleveland Clinic.
- Present - 2005 *Member*, SIGGRAPH, NYC Chapter (2022)
- 2016 - 2015 *Member*, Society for Experiential Graphic Design (SEGD)
- 2014 - 2005 *Member*, Rhizome Community
- 2012 - 2010 *Member*, Sales & Marketing Executives in Cleveland (SME)
- 2011 - 2005 *Member*, College Art Association
- 2010 - 2005 *Member*, The Cleveland Museum of Natural History

TECHNOLOGY EXPERIENCE

Autodesk 3DS Max	Adobe Photoshop
Autodesk Maya	Adobe Illustrator
Autodesk Mudbox	Adobe After Effects
Autodesk MotionBuilder	Adobe Character Animator
Unity3D Game Engine	Adobe Premiere
Unreal UDK Game Engine	Adobe Media Encoder
Adobe Substance Designer, Painter	Adobe InDesign
Microsoft OS, Apple OS	Adobe Bridge / Lightbox

PROFESSIONAL RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITY

- 2022 *Mechanism of Interface Cleaning in Layered Heterostructures*; Z. Huang, E. Cuniberto, S. Park, K. Kisslinger, Q. Wu, T. Taniguchi, K. Watanabe, K. G. Yager, and D. Shahrjerdi, Small, 2022, 2201248, DOI: 10.1002/sml.202201248; Figure 1 Co-illustrated Amanda Almon M.F.A. C.M.I. / Sara Jarret M.F.A. C.M.I. © 2022. <https://onlinelibrary.wiley.com/doi/10.1002/sml.202201248>
- 3D Claruspro InfraRedex Heart Catheter Visualization Brochure*. Almon, A., Metcalf, K. contracted by Bloom Creative, subsidiary Bloom Health, <https://www.bloomcreative.com> (NDA restricted for product launch), work created for Infra-redx, a Nipro Company, <https://www.infraredx.com/> © 2022
- Glass: "A South Jersey Legacy"* Planetarium Version, Produced by Cineluci Films, Directed by Diana Nicolae, RowanDocs, Rowan University Edelman Planetarium Glass Documentary (3D Animation Film Credit by A. Almon.) © 2022. <https://cineluci.com/portfolio/>
- 2021 *Investing in Science, Innovation and Entrepreneurship*, Rowan Magazine Fall 2021 Issue p. 10 - p.11, Almon, A. Created magazine illustration: MRI Math Visualization Illustration. University Publications, Rowan University, Glassboro, NJ. © 2021. <https://magazine.rowan.edu/>
- A. Wiese, Williams, G., Lecakes, G., Morley, M., Kim, T., Almon, A., Mandayam, S., *"Virtual Medical Instruments for Orthopedic Surgery Training: A Hip Arthroplasty Application,"* 2021 IEEE Sensors Applications Symposium (SAS), 2021, pp. 1-6, doi: 10.1109/SAS51076.2021.9530175
- Neurological Surgical Intervention 3D Animations*. (Animation Series) Creation of 16 English and 16 Spanish (Total 32 Animations) ranging in time duration from 1:20 - 3:30 minutes. Created for integration into an e-Mobile Health App. Platform support by Partners Health Care; pending publication and distribution. Developed for William B Gormley, MD, MPH, MBA, Director, Neurosurgical Critical Care, Brigham and Women's Hospital, Department of Neurosurgery, Harvard Medical School Building for Transformative Medicine, Boston, MA. © 2021. Visual examples of the work are copyrighted and located privately on the BWH hospital intranet portal (for physicians and patients only) through the Department of Neurology and Orthopedics. Animations: <https://drive.google.com/drive/folders/1KDiRZoAD3OPtm8mZOJQMqGlPoqGmmBsp?usp=sharing>
- Neurological Patient Care and Infographic 2D Animations for Pre-Operative, Operative and Post- Operative Care*. (Animation Series) Creation of 15 English and 15 Spanish (Total 30 Animations) ranging in time duration from 1:00 - 3:30 minutes. Created for integration into an e-Mobile Health App. Platform support by Partners Health Care, pending publication and distribution. Developed for

William B Gormley, MD, MPH, MBA, Director, Neurosurgical Critical Care, Brigham and Women's Hospital, Department of Neurosurgery, Harvard Medical School Building for Transformative Medicine, Boston, MA. © 2021. Visual examples of the work are copyrighted and located privately on the BWH hospital intranet portal (for physicians and patients only) through the Department of Neurology and Orthopedics. Animations: <https://drive.google.com/drive/folders/1KDiRZoAD3OPtm8mZ0JQMqGlPoqGmmBsp?usp=sharing>

Ku, B., Lupton, E. *Health Design Thinking: Creating Products and Services for Better Health*, New York, NY, ISBN: 9780262539135, MIT Press, p 44. Almon, A. Created book chapter illustration: Insidious Infection. Smithsonian Institution Contract #C-18000831-0000; © 2021. <https://mitpress.mit.edu/9780262539135/>

2020 Hickman, Ronald Ph.D., Almon Amanda C.M.I, M.F.A, Buchner Marc Ph.D., Clochesy John Ph.D.; ESMART version 3.0: *A Clinical Trial of Decision Support for End of Life Care Among Surrogate Decision Makers of the Chronically Critically Ill*, Mobile Tablet Application (Completed Production in May 2018, Clinical IERB Testing at University Hospitals, School of Nursing, Case Western Reserve University, Cleveland, OH. © 2015 - 2020 (Grant Funded Period) <https://clinicaltrials.gov/ct2/show/NCT03099746>

2019 Nagele, R., Libon, D. Editor, Vascular Disease, Alzheimer's, and Mild Cognitive Impairment: An Integrated Approach. Chapter Title: Potential of blood- and CSF-based biomarkers for AD diagnostics. *Illustration, Origin and Fate of Alzheimer's Disease Blood-based Biomarkers in Blood and CSF: Sagittal View of and Alzheimer's Brain Showing Neurodegeneration*, Almon, A. Created book chapter illustration. 2019. <https://awspntest.apa.org/record/2020-06181-015>

Penile Prosthesis Reservoir Removal: Surgical Description and Patient Outcomes (Article Illustration Series of 6). Clavell-Hernández, J. Aly, S., Wang, R., Sadeghi-Nejad, H. Penile Prosthesis Reservoir Removal: Surgical Description and Patient Outcomes. Almon, A. Created 6 Illustration Series for The Journal of Sexual Medicine, volume 16, Issue 1, 2019, Pages 146-152, ISSN 1743-6095, <https://doi.org/10.1016/j.jsxm.2018.11.002>

2017 *3D MedTouch VR: An Immersive and Interactive Application for Teaching Anatomy Proposal*. Almon, A. Goldman, G. Penn State University © 2017 Research impact lead to the recent publication: Medical Student Perception of a Virtual Reality Training Module for Anatomy Education Kolla S., Elgawly M., Gaughan J.P., Goldman E. (2020) Medical Science Educator, 30 (3) , pp. 1201-1210.

Avara Pharmaceutical Motion Typography Animation. Created for That's Nice Inc. New York, NY. <https://www.avara.com/> (B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire.) © 2017

Russell Maltz - Painted / Stacked / Suspended Essay Contributors: Ostrow, Saul; Maltz, Russell; Designed by Susan Bowman M.F.A., M.P.S.; Image retouch/illustration by Amanda Almon C.M.I. M.F.A; ARTBOOK | D. A. P.; Kerber, US Distribution, New York, NY. © 2017 Kerber Verlag; ISBN 978-7336- 0370-8.

Almon, A., Bowman, S. *The Design of Airport Material Culture: From Haute Couture to Institutional Prisons* Paper accepted at the 2017 Pop Culture Association/American Culture Association, Rowan University, Glassboro, NJ. © 2017. <https://pcaaca.org/conference/schedule/2017/areas/490>

2016 Almon, A., Bowman, S. *Augmented Wayfinding 2.0: Airport Design Systems and Symbolic Interactions for Defining User Space In-Between Places* Paper Accepted at the 2016 Airport Culture(s): Interdisciplinary Conference, Institute of Modern

Languages Research, University of London Senate House, London UK. © 2016
<https://airportcultures2016.wordpress.com/>

Almon, A., Bowman, S. *Experiential Objects: Designing Interactions in Places, Spaces, and Immersive Cultures* Paper accepted at the 2016 Pop Culture Association/American Culture Association, Rowan University, Glassboro, NJ. © 2016

Capsugel Molecular Bird's Nest 3D Model Design Ad Campaign; That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2016
<https://www.capsugel.com/>

Codexis Brand Slide Presentation Design; That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2016

CMC Biologics Brand Slide Presentation Design; That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2016

GlaxoSmithKline Drug Manufacturing Series: Four 3D Animation(s): (1) Protein Expression Scene, (2) Cell Division Scene, (3) Chromatography Scene and (4) Antibody Activation Scene. Created 3D Models and Animation(s). That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2016

Educated Choices: Drug Manufacturing M.O.A. (Mechanism of Action) for Abbvie: HUMIRA® (adalimumab) Videos #1 - #5 (Animation Series.) Created 3D Models and Animation for That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2016

Sochol, R. (Inventor) *Overview of the Proposed Nano3D Printing Approach to Mimic the 3D Complexity of the Kidney* (Statement of Invention Illustration.) Almon, A. created 3D Models and final medical illustration for Figure #1 for the "Statement of Invention: Invent a nano3D printing-based approach to mimic the 3D structural and physiological sophistication of renal systems of the body in order to reproduce kidney functions with unprecedented accuracy and exploratory control." The Gordon And Betty Moore Foundation, Moore Inventor Fellows - Natural Science, University of Maryland, College Park, MD. © 2016. <https://link.springer.com/article/10.1007/s40472-016-0085-x>

Ostomy: Gastrointestinal Surgical Planning & Options Mobile Tablet Application. Bendis, Jared; Almon, Amanda C.M.I.; M.F.A.; Nowacki, Thomas C.M.I.; M.F.A.; Art Direction (Almon) Pre-Production Visualizations (Almon) and Medical Illustrations (Nowacki) for University Hospitals and contracted through Lemming Labs Ltd. Cleveland, OH. Visual examples of the work are copyrighted and located privately on the University Hospitals Cleveland, intranet portal (for physicians and patients, only) © 2016

Costume Maker Mobile Education App. V. 1.0 Released September 6, 2016. Art Direction and Illustrations designed by Amanda Almon and Bryan Dyer for Lemming Labs Ltd. Created for the Cleveland Playhouse in partnership with the Department of Education. Costume Maker App. was developed for The CPH CARE: Compassionate Arts Remaking Education Program. © 2016.

2015 *Sevoflurane and Isoflurane Induce Structural Changes in Brain Vascular Endothelial Cells and Increase Blood Brain Barrier Permeability: Possible Link to Postoperative Delirium and Cognitive Decline* (Figure #7) Authors: Nimish

K.Acharya Ph.D, Eric L. Goldwaser, Martin M. Forsberg, George A. Godsey, Cristina A. Johnson, Abhirup Sarkar, Cassandra De Marshall, Mary C. Kosciuk, Jacqueline M. Dash, Caitlin P. Hale, Douglas M. Leonard, Denah M. Appelt, Robert G. Nagele Ph.D, Figure #7 illustration by Amanda Almon C.M.I. M.F.A., New Jersey Institute for Successful Aging, Rowan University School of Osteopathic Medicine, 2 Medical Center Drive, Stratford, NJ 08084. Published in Brain Research, vo. 1620, Issue:16, September 2015, pg. 29-41. © 2015 Elsevier B.V. All Rights Reserved. .

Light on Gout Augmented Reality Mobile Application for AstraZeneca and Medimune Pharmaceuticals, 3D Models of Five Regions of Anatomy: Knee, Hand, Foot, Spine and Lung with Normal, Moderate, and Severe Gout Conditions, created for AgencyRx, New York, NY. © 2015. <http://www.pocket.md/2347/light-on-gout-for-iphone.html>

MPI Research Brochure Illustration, 3D DNA Illustration Brand Re-Design; created 3D Model of DNA Molecule Sequence for print, web and tradeshow designs, That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2015

Hayes, Tom, *Secret of the Warlock's Crypt*, created book jacket design and illustration for Atbosh Media Ltd. ISBN-13: 9781626130197, © 2015. <http://atbosh.com/books/secret-of-the-warlocks-crypt/>

That's Nice Inc. 20 Year 3D Logo Design, created 3D Logo Design for 20 Year Company Anniversary, That's Nice Inc. New York, NY. B2B subcontracted Animation Project, N.D.A. Signed, Work for Hire, for company intranet or use in current/future products. © 2015

Rosenberg's Molecular and Genetic Basis of Neurological and Psychiatric Disease, Fifth Edition Hardcover (Book Chapter Illustration: Figure 91.2.) Author, Roger N. Rosenberg (Editor), Juan M. Pascual (Editor). Created contributor illustration for Eric Hoffman, Ph.D. Children's National Hospital, Washington D.C. The illustration was used in Chapter XI: Muscle and Neuromuscular Junction Disorders, subsection #91 Dystrophinopathies, pg. 1107, Figure 91.2. © 2015

2014 *EMBRYON: Human Embryogenesis* (Interactive Web Training Application) Almon, Amanda, C.M.I., M.F.A., Fredieu, John, Ph.D., Kerbo, Jennifer, Pasini, Julianne, Garcia-Fedor, Maia, Hustek, Leah. Served as Art Director/Faculty Consultant, created for the Department of Anatomy, School of Medicine, Case Western Reserve University, Cleveland, OH. © 2014.

Paulie's Penny Drop, Apple iOS Tablet Application, created application illustration and interface design for Lemming Labs Ltd. © 2014. <https://lemminglabs.com/the-apps/>

Borowitz, Al, *The Beautiful Red Danube*, created book jacket design and illustration for Atbosch Media Ltd. ISBN-13: 9781626130166, © 2014. <https://atbosh.com/books/the-beautiful-red-danube/>

Borowitz, Al, *The Jack the Ripper Walking Tour Murder*, created book jacket design and illustration for Atbosch Media Ltd. ISBN-13: 9781626130142, © 2014. <https://atbosh.com/books/the-beautiful-red-danube/>

Borowitz, Al, *This Club Frowns on Murder*, created book jacket design and illustration for Atbosch Media Ltd. ISBN-13: 9781626130159, © 2014. <http://atbosh.com/books/this-club-frowns-on-murder/>

Borowitz, Al, *Death Play*, created book jacket design and illustration for Atbosch Media Ltd. ISBN-13: 9781626130135. © 2014. https://www.thriftbooks.com/w/death-play_albert-borowitz/17580138/item/23281475/#idq=23281475&editon=18539878

- 2013 *Billy Bear's Honey Chase*, Pediatric Pain Management Apple iOS Tablet Application, created for University Hospitals Rainbow Babies Children's Hospital, published by Lemming Labs Ltd. © 2013. <https://appadvice.com/game/app/billy-bears-honey-chase/632040306>
- SimMarch 1812* Apple OS Tablet, Educational App. for Fort Meigs, Toledo, OH. © 2013 <https://atbosh.com/custom-app-development/>
- 3D Medical Scientific Animation Demo Compilation*, Case Western Reserve University & Digital Illusions Presentation to the CWRU School of Medicine Faculty/Staff, College of Arts & Science Faculty/Staff and invited guests for 3D video technology for strategic smart classroom planning. © 2013
- K203D Logo Design*, Atbosh Media, Cleveland, OH. © 2013
- Almon, Richard, Ph.D. Dubois, Debra, Ph.D., Almon, Amanda, C.M.I.,M.F.A. *Drugs, Stress and Human Function* 2nd Edition. Cognella Publishing Company. ISBN 978-1-62131-210-9. © 2013
- Artists' Don't Work for Free Logo Design & Art Students' Don't Work for Free Logo Design*, Atbosh Media, Cleveland, OH. 2013
- 2012 *Lemming Labs Ltd. Logo Design*, Lemming Labs Ltd, Cleveland, OH. 2012
- Mettler Toledo 3D Trade Show Booth Design*, created 3D Tradeshow Models, That's Nice Inc. New York, NY. © 2012
- Colorcon Drug MOA Brochure 3D Illustration*; That's Nice Inc. New York, NY. © 2012
- MPI Research Brochure Illustration, 3D DNA Illustration & Immune Response to Cancer*; That's Nice Inc. New York, NY. © 2012
- Almon, Richard, Ph.D. Dubois, Debra, Ph.D., Almon, Amanda, C.M.I.,M.F.A. *Drugs, Stress and Human Function* 1st Edition. Cognella Publishing Company. © 2012 ISBN: 978-1-62131-210-9.
- 2011 Almon, Richard, Ph.D. Dubois, Debra, Ph.D., Almon, Amanda, C.M.I., M.F.A.; *Humans: How They Function* Third Edition Pearson Publishing Company. © 2011 ISBN: 978-0-555-00490-6 (Reprint)
- Fredieu, John & Watson, Jackie & Hughart, Cory & Nikiforova, Tanya & Almon, Amanda. (2011). *Human Development: Development of the Face and Palate*. MedEdPORTAL Publications. 7. 10.15766/mep_2374-8265.8334. https://www.med-edportal.org/doi/10.15766/mep_2374-8265.8334
- Lachina Publishing Services McGraw-Hill GeoVirtual Prototype: *Geology Revealed Interactive Dissection: Plate Tectonics Module*. Lachina Publishing Services, Beachwood, OH. © 2011
- 2010 *Animation: Human Influenza Advertisting Short* That's Nice Inc. - That's Science; SFAC 3D; New York, NY.© 2010
- Almon, Richard, Ph.D. Dubois, Debra, Ph.D., Almon, Almon, C.M.I, M.F.A; *Humans: How They Function* Third Edition. Pearson Publishing Company. (BioMed Visuals) © 2010 ISBN: 978-0-555-00490-6.

- Lachina Science & Medical Animation Demo Reel* Lachina Publishing Services, Beachwood, OH. © 2010.
- 2009 *Journal of Pharmacokinetics & Pharmacodynamics Cover Series*, © 2009 Springer ISSN: 1567-567X.
- Almon, Richard, Ph.D. Dubois, Debra, Ph.D., Almon, Almon, C.M.I, M.F.A; *Humans: How They Function* Second Edition. Pearson Publishing Company. (BioMed Visuals) © 2009 ISBN: 978-0-558-36051-1.
- 2008 *Lachina Science & Medical Animation Demo Reel* Lachina Publishing Services, Beachwood, OH. © 2008
- 2007 Merial Pharmaceutical Company; MedVet Communications L.L.C. *Cycle of Canine Osteoarthritis Animation*. Premiered at the Merial Tradeshow Booth and Expo at the 2007 National Western Veterinary Conference, Orlando Florida. © 2007
- University at Buffalo, Department of Biological Sciences. *Plasma & Glucose Cycle of Stimulation and Inhibition in the Brain, Liver, Muscle, Pancreas, and Fat*. Published by the University at Buffalo, State of New York. © 2007
- KM International Toy Company. *Virtual 3D Design Concept for KM Science Education Toy Series: The Human Body*. Manufacture date: © 2007
- KM International Toy Company. *Virtual 3D Design Concept for KM Science Education Toy Series: The Human Skull and Brain*. Manufacture date: © 2007
- 2006 Visible Productions LLC. Interactive 3D VR Rotatable: *Interactive Pelvic Model for Legal Evidence of Pudental Nerve Anatomy*. ©2006.
- Bayer Pharmaceutical Company. Digital Illustration *3D Feline Parasite Illustration*. Visible Productions LLC ©2006
- Savage, Elliott, Houlihan, Moore, Mullins & Erdmann, LLP. *Helen Hix Sigmoid Colon Medical Legal Exhibit*. Created for Savage, Elliott, Houlihan, Moore, Mullins & Erdmann, LLP & Dr. James Church, Cleveland Clinic. ©2006
- Lachina Publishing Services. *Molecular Illustration Concept Designs & Style Guide for Chemistry Today*. Created for Lachina Publishing Services. ©2006
- Robinson, Narda DO, DVM, DABMA, FAAMA. Interactive CDROM: *Acupuncture Anatomy*. Teton New Media, (Visible Productions LLC.) ISBN-13: 978-1591610205 ISBN-10: 1591610206 ©2006 <https://www.amazon.com/Interactive-Medical-Acupuncture-Anatomy-Robinson/dp/1591610206>
- 2005 Visible Productions LLC. CDROM: *Cardiac Surgery: Preparations & Expectations*. Created for Poudre Valley Hospital. © 2005
- National Institutes of Health (NIH). Grant with Tom McCracken/Visible Productions LLC. 4th CDROM: *Tetralogy of Fallot*. © 2005
- National Institutes of Health (NIH). Grant with Tom McCracken/Visible Productions LLC. 3rd CDROM: *Transposition of the Great Vessels*. © 2005
- National Institutes of Health (NIH). Grant with Tom McCracken/Visible Productions LLC. 2nd CDROM: *Fetal AV Canal Defect*. © 2005
- National Institutes of Health (NIH). Grant with Tom McCracken/Visible Productions LLC. 1st CDROM: *Fetal Ventricular Septal Defect*. © 2005

Davol Inc. A Division of U.S. Surgical. CDROM: *Hernia Repair and Training*.
© 2005

Visible Productions LLC. Product Demo: *Cartilage Harvest and Transplant in a Canine ACL*. Created sample animation for "Emergency Vets Show" for Animal Planet. © 2005

Barrett, Jack, FFARCS(I) Dip. Pain Medicine. Harmon, Dominic, FFARCS(I), FRC, MD. Loughnane, Frank, FCA (RCSI). Finucane, Brendan T., MB, BCh, BAO, FRCA, FRCPC. Shorten, George, FFATCS(I), FRCA, MD, Ph.D. *Peripheral Nerve Blocks and Peri-operative Pain Relief*. Saunders Ltd., published in the UK (Visible Productions LLC) © 2005 ISBN: 0-7020-2717-0

MediMedia. *Clinical Symposium on Insomnia*. Visible Productions LLC © 2005

MediMedia. *Clinical Symposium on Heart Disease, sponsored by Plavix*. Visible Productions LLC © 2005

2004 Bayer Animal Health. *What Really Gets Under Your Dog's Skin? Pyoderma and Related Skin Conditions in Dogs and Cats*. (BioMed Visuals) Published by Bayer Pharmaceuticals. © 2004. French-Canadian Publish date: © 2005

Novartis Animal Health. *An Illustrated Guide to Orthopedic Conditions*. 1st edition. Published by Novartis, (Visible Productions LLC) © 2004

Anne, Abrams C. *Clinical Drug Therapy: Rationales for Nursing Practice*. 7th edition. Lippincot Williams & Wilkins, (Visible Productions LLC) © 2004 ISBN: 0-7817-2121-0

Roach, Sally S. *Introductory Clinical Pharmacology*. 7th edition. Lippincot Williams & Wilkins, Visible Productions LLC © 2004 ISBN: 0-7817-3696-X, © 2003 ISBN: 0-7817-1751-5

Mattson, Carol P., RN, MSN, Ph.D. *Essentials of Pathophysiology: Concepts of Altered Health States*. 7th edition. Lippincot Williams & Wilkins, Visible Productions LLC © 2004 ISBN: 0-7817-2881-9

Bare, Brenda and Smeltzer, Suzanne. *Brunner and Suddart's: Textbook of Medical-Surgical Nursing*. 10th edition. Williams & Wilkins, Visible Productions LLC © 2004 ISBN: 0-7817-3193-3

Prentice Hall. *Interior and Exterior Heart 3D Fly-Through Animation*. (BioMed Visuals) © 2004

Visible Productions LLC. Product Demo for NBC: *The Olympic Minute Animation*. (Visible Productions LLC) © 2004

3F Therapeutics. New Product Demo: *Inferior Vena Cava/ Superior Vena Cava Replacement Animation*. (Visible Productions LLC) © 2004

3F Therapeutics. New Product Demo: *Transcatheter Aortic Valve Replacement Animation*. (Visible Productions LLC) © 2004

MediMedia Levaquin. Interactive CDROM: *E-Med Tool: Interactive Anatomy*. (Visible Productions LLC) © 2004

National Jewish Foundation. Interactive CDROM: *Dyspnea: A Cardinal Feature of COPD*. (Visible Productions LLC) © 2004

Novartis Animal Health. Interactive CDROM: *An Animated Guide to Orthopedic Conditions*. (Visible Productions LLC) © 2004

- Novartis Animal Health. *An Illustrated Guide to Orthopedic Conditions*. Published by Novartis. (Visible Productions LLC) © 2004
- SuperNova/M2 Productions. *Imclone Editorial Illustration*. Advertisement in several magazine publications. (BioMed Visuals) © 2004
- Novartis Animal Health. Interactive CDROM: *An Animated Guide to the Diagnosis and Treatment of Canine Osteoarthritis*. (Visible Productions LLC) © 2004
- Novartis Animal Health. Interactive CDROM: *My Dog May Have Osteoarthritis. Now What?* (Visible Productions LLC) © 2004
- Johnson & Johnson. Gynecare Gynemesh Launch Training. Interactive CDROM and PowerPoint: *Anatomy of Pelvic Floor Support and Vaginal Reconstructive Surgery*. (Visible Productions LLC) © 2004
- InterCare. Interactive QTVR: *3D Virtual Anatomy*. (Visible Productions LLC) © 2004
- 2003 Kennedy & Christopher Associates. Interactive CDROM: *Brannon vs. Yarborough*. (Visible Productions LLC) © 2003
- Johnson, McConaty & Sargent. Interactive CDROM: *Anderson vs. Desai*. (Visible Productions LLC) © 2003
- Marketing Media Communications. Animated Procedure: *Catheterization Through The Basilic Vein*. (BioMed Visuals) © 2003
- Discovery Channel/Rocket Pictures. Animated Show Title: *Second Opinion with Dr. Oz*. (Visible Productions LLC) © 2003
- Heska. CD-ROM/ERD Screening Clinical Lab Book: *ERD Screening Vet Tech Training/Sales*. (Visible Productions LLC) © 2003. MediMedia.
- Lotrel Blood Pressure Animation*. Published Online. (Visible Productions LLC) © 2003
- MediMedia/Novartis. *Lamisil Animation*. Published Online. (Visible Productions LLC) © 2003
- Merial HeartGard Plus. *Heartworm Life Cycle Animation*. Published Online. (Visible Productions LLC) © 2003
- Merial HeartGard Plus. Interactive DVD: *For Sales/Pet Owner*. (Visible Productions LLC) © 2003. Thomson & Wadsworth Publishing. Interactive CDROM: *3D Brain Anatomy*. (Visible Productions LLC) © 2003
- Zimmer Orthopaedic Center of the Rockies. Interactive Patient Education CDROM: *Total Knee Replacement*. (Visible Productions LLC) © 2003
- Jin, Jin, Y. Almon, Richard, R. Ph.D., Dubois, Debra, Ph.D., and Jusko, William, J. Ph.D. *Modeling of Corticosteroid Pharmacogenomics in Rat Liver Using Gene Microarrays*. Journal of Pharmacology and Experimental Therapeutics. JPET 307:93-109 (BioMed Visuals) © 2003
- 2002 ORRCA Technology, Inc. *Temporal Mandibular Joint Disorder: Arthritis*. Exhibit poster. (Visible Productions LLC) © 2002
- Thomson & Wadsworth Publishing. *Fetal Development Animation*. (Visible Productions LLC) © 2002

Hill's Pet Nutrition. CDROM Series: *Renal Failure*. (Visible Productions LLC)
© 2002

Hill's Pet Nutrition. CDROM Series: *Weight Management*. (Visible Productions
LLC) © 2002

2001 Armstrong, William, MD. *Echocardiologist Training Manual*. University of
Michigan, Ann Arbor. © 2001

Badwar, Vinay, MD and Boiling, Steven, MD. *Changes During Heart Failure and
Cardiac Ischemia*. University of Michigan, Ann Arbor. (BioMed Visuals) © 2001

1996 Almon, Richard, Ph.D. and Dubois, Debra, Ph.D. *Drugs in Human Biology*
1st edition. McGraw-Hill Companies Inc. (BioMed Visuals) © 1996
ISBN: 0-07-001399-3