

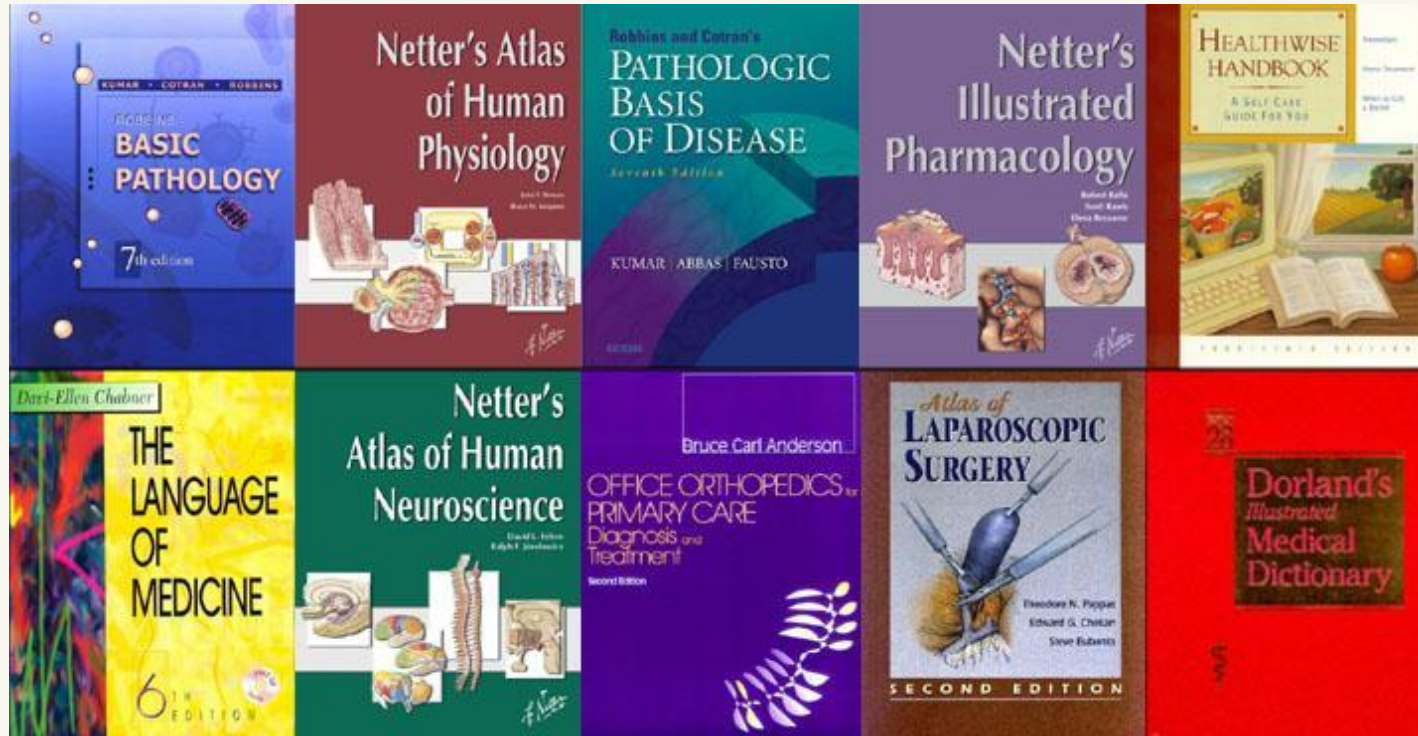
Medical Illustration

- Jim Perkins, MFA, CMI, FAMI
 - Distinguished Professor and Graduate Director
 - Board Certified Medical Illustrator
 - Fellow, Association of Medical Illustrators
 - 2129 CBET Building
 - japfaa@rit.edu

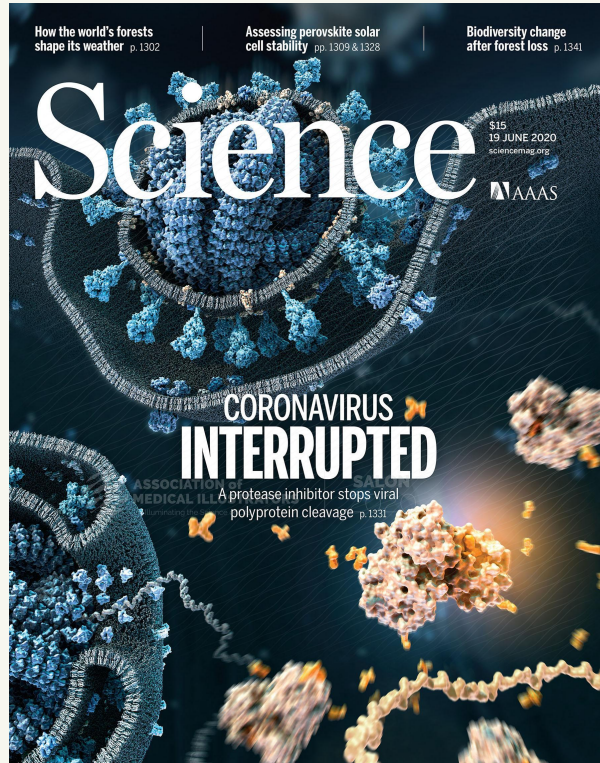
Medical Illustration

- Visual Media for Medicine and Healthcare
- Markets
 - Medical and allied health education
 - Biomedical research
 - Pharma/biotech/medical device marketing
 - Patient education
 - Litigation
- Media...

Textbooks

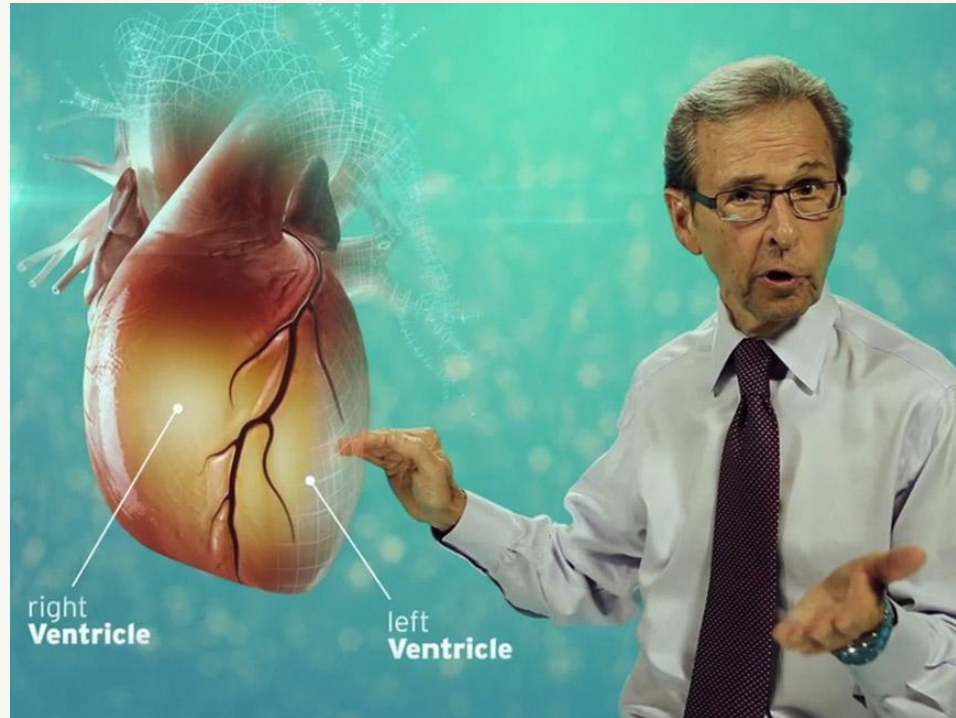


Journals

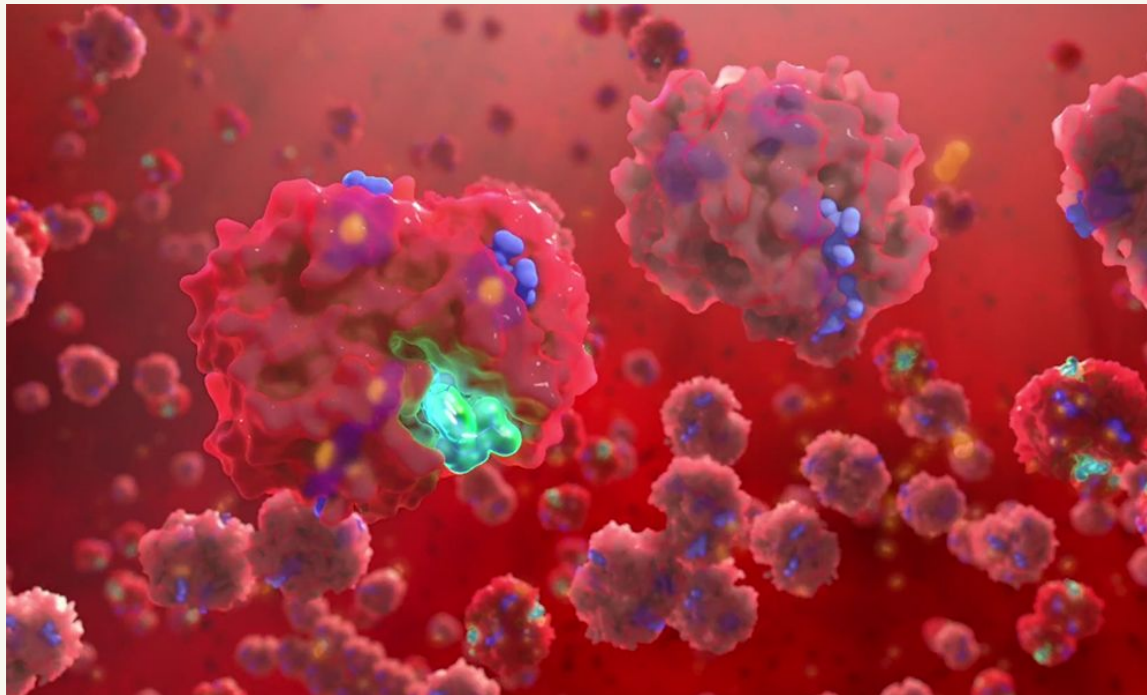


Chris Bickel '04

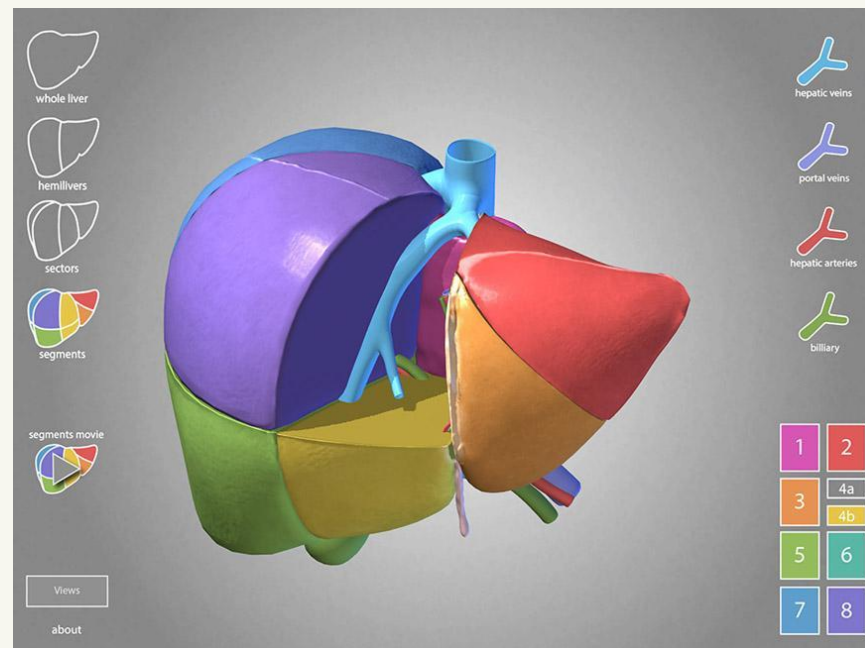
Animation and Video



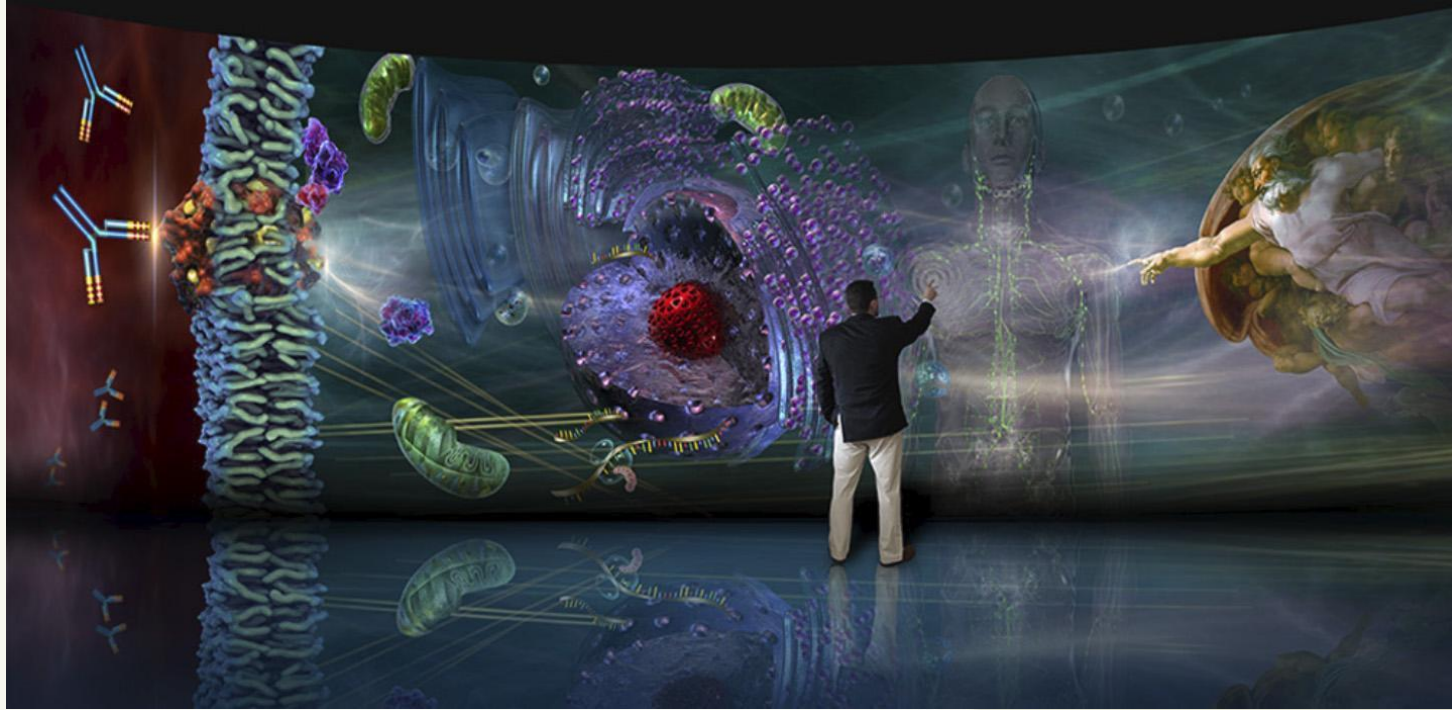
Animation and Video



Apps, Games, VR/AR



Marketing



3D Models, Simulators

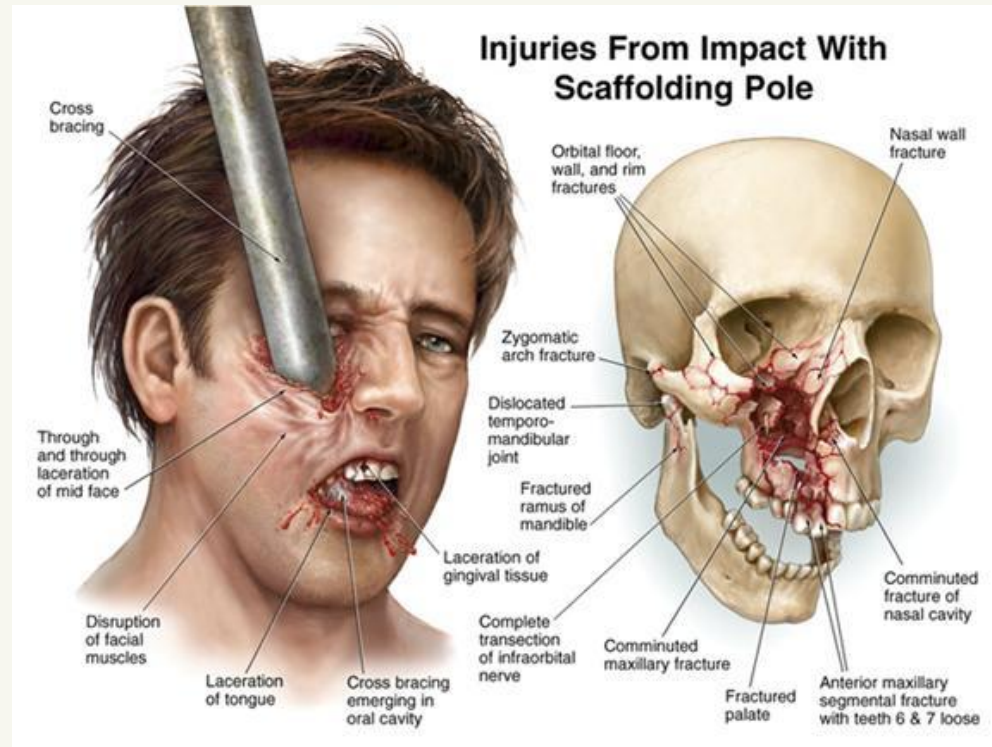


Sarah Samaroo '10



Jin Yoon '10

Legal Exhibits



Medical Illustration at RIT

- College of Health Sciences & Technology
- Master of Fine Arts (MFA)
 - 2-year degree
 - Observational drawing
 - Computer graphics
 - Biomedical sciences
 - Visual communication design

Curriculum

- Year 1
 - Human Gross Anatomy
 - Anatomic Studies
 - 3D Modeling of Biomedical Forms
 - 3D Animation of Biomedical Forms
 - Computer Applications in Medical Illustration
 - Scientific Visualization
 - Human Immunology
 - Medical Pathophysiology

Curriculum

- Year 2
 - Surgical Illustration
 - Interactive Media I and II
 - Portfolio & Business Practices
 - Studio electives
 - Histology & Histopathology
 - Thesis



Human Gross Anatomy lab



Computer graphics lab

Student Profile/Admissions

- Background in art and life sciences
 - Double major or major/minor
- Admissions requirements
 - 1 year General/Intro Biology (for Biology majors)
 - Minimum of 3 advanced biomedical sciences classes
 - Portfolio – drawing from observation
 - No specific set of art classes required

Employment

- Publishing
 - Springer, McGraw-Hill, Wolters-Kluwer
 - *Science, New England Journal of Medicine*
- Medical Centers
 - University of Rochester
 - Roswell Park Cancer Center
 - Mayo Clinic

Employment

- Higher Education
 - MIT Online, Rowan University, Cleveland Inst. of Art
- Advertising, Pharma, Biotech
 - AdMed, Synaptik Digital, Nucleus Medical Communications
 - PharmaDesign, LSI Solutions
- Litigation graphics
 - Impact Trial Consulting, Legal ArtWorks