



CHELSEA CRAMER

PROFESSIONAL BIOGRAPHICAL OUTLINE

BACKGROUND

Ms. Cramer is a Medical Illustrator and Animator who specializes in forensic medical animation and illustration. Using forensic and biomechanical data, the latest technology, and her medical knowledge, Ms. Cramer creates technical and scientifically accurate 2D and 3D visuals. Within the animation team at ARCCA she works collaboratively with each section of the company, as well as working independently with clients to serve their visual needs.

Ms. Cramer earned a Bachelor of Fine Arts in Medical Illustration with a minor in Cellular and Molecular Biology at Rochester Institute of Technology in Rochester, NY. She was a member of the RIT Honors Program. While a student at RIT, she worked within a team of medical illustration and video game design students to create an interactive VR anatomy classroom. Ms. Cramer has completed advanced coursework in Human Gross Anatomy, Anatomy and Physiology, and Molecular Biology, as well as gaining the technical skills necessary to practice as a Medical Illustrator.

AREAS OF SPECIALTY

- Medical and Scientific Illustration
- 3D Modeling and Animation
- Video editing and enhancement
- Graphic Design

EDUCATION

- Bachelor of Fine Arts in Medical Illustration with Honors, Rochester Institute of Technology, May 2019
 - Minor in Cellular and Molecular Biology
 - Member of the RIT Honors Program

PROFESSIONAL EXPERIENCE

October 2019– Present | ARCCA, Incorporated | Medical Illustrator and Animator

- Application of forensic and biomechanical data to create technical and accurate 2D and 3D visuals
- Utilization of 3D scanned data and medical imaging
- Implementation of medical and scientific knowledge to interpret injuries and their specific mechanism or cause

June 2019 – September 2019 | Kaiser Permanente School of Medicine | Multimedia Intern

- Developed and created interactive learning modules for medical education
- Created medical and scientific illustrations as well as animations. Developed and designed a style guide and several templates for school-wide presentations
- Researched and developed use-cases for creating 3D printed models to teach point of care ultrasound

June 2018 – August 2018 | AngioDynamics | Graphics Design Intern

- Designed informative and dynamic guides and advertisement for medical devices
- Introduced motion graphics for social media and advertising
- Assisted with ongoing rebranding process and website redesign
- Member of the company tradeshow committee and created graphics and exhibit designs for tradeshow displays

PRESENTATIONS

1. CME Presenter – “Rapid Prototyping for Medical Education”, August 19th, 2019 at the Hilton Pasadena in Pasadena, CA

PUBLICATIONS

1. Parthasarathy A, Wong NH, Weiss AN, Tian S, Ali SE, Cavanaugh NT, Chinsky TM, **Cramer CE**, Gupta A, Jha R, Johnson LK, Tuason ED, Klafehn LM, Krishnadas V, Musich RJ, Pfaff JM, Richman SC, Shumway AJ, Hudson AO. SELFies and CELLfies: Whole Genome Sequencing and Annotation of Five Antibiotic Resistant Bacteria Isolated from the Surfaces of Smartphones, An Inquiry Based Laboratory Exercise in a Genomics Undergraduate Course at the Rochester Institute of Technology. *J Genomics* 2019; 7:26-30. doi:10.7150/jgen.31911.

PROFESSIONAL SKILLS

- Adobe Creative Suite (Illustrator, Photoshop, InDesign, Premiere, After Effects, Media Encoder, Audition), Autodesk Maya, Mudbox, Cinema 4D, Z-Brush, Microsoft Office Suite, Articulate 360, Graphite, Pen and Ink, Watercolor, Acrylic painting, Carbon Dusting, Photography, Storyboarding