



Gaius J. Augustus

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Portfolio: www.gaiusjaugustus.com/work

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Trained in video production and animation with experience creating infographics, animations, and videos for science communication. Current PhD candidate in Cancer Biology. A strong believer that visual storytelling can engage diverse audiences to learn more about the world around us.

EDUCATION

PhD in Cancer Biology (Upcoming)

Tucson, AZ; 05/2019

University of Arizona, Graduate College

- Researched cancer health disparities with bioinformatics, biostatistics, and epidemiology
- Mentored 4 rotating PhD students, 1 undergraduate student, and 1 summer researcher
- Developed independent research projects
- Engaged collaborators in moving from research idea to publication
- Led 2 student leadership teams in Cancer Biology (Website Management & Curriculum Development)

BSc in Integrative Studies: Chemistry & Biology

Kennesaw, GA; 05/2014

Kennesaw State University

- Two years of research experience each in 2 concurrent laboratories studying plant population genetics & evolutionary development
- Mentored 3 junior undergraduate students
- Improved student organization diversity and engagement through changes to annual award ceremony as a member of the student government
- Created transgender care standards and policy changes as co-leader of advocacy organization

Film & Video Production

Savannah, GA; 08/2003 – 08/2006

Savannah College of Art and Design

- Focused on editing and sound design
- Coursework included fine arts & multimedia design (graphic design & animation)
- Won Best Video Editing in advanced editing course

EXPERIENCE

Multimedia Specialist

University of Arizona Cancer Center

Student Worker: 03/2018 – 08/2018, Volunteer: 10/2017 – 02/2018

Achievements/Tasks

- Produced infographics for print and web publications as well as animated and interview videos to promote recent research and publications
- Participated in all phases of design process on 2 development publications
- Wrote 2 press releases and 3 development articles

Freelance Web Designer & Developer

2011 – 2017

Achievements/Tasks

- Created layout mockups for clients in Adobe Photoshop & Dreamweaver
- Front end development for Wordpress & Drupal, PHP backend development
- Communicated through email & meetings with organization and department heads

Physics Learning Assistant

Kennesaw State University

01/2014 – 05/2014

- Facilitated in-class exercises to expand build on lecture material

Science & Mathematics Tutor

Kennesaw State University

01/2012 – 11/2013

- Primary tutor for chemistry, biology, physics, and mathematics
- Managed appointments
- Taught study skills in 1-3 student groups

PUBLICATIONS

Xicola R.M., Manojlovic Z., **Augustus G.J.**, et al. Absence of APC somatic mutation is associated with early-onset colorectal cancer in African Americans. 2018. Manuscript is under review at Carcinogenesis.

Augustus G.J., Roe D.J., Jacobs E.T., Lance P., Ellis N.A. Is increased colorectal screening effective in preventing distant disease? PLOS ONE. 2018:13(7): e0200462. doi: 10.1371/journal.pone.0200462.

Augustus G.J., Ellis N.A. Colorectal Cancer Disparity in African Americans: Risk Factors and Carcinogenic Mechanisms. Am J Pathol. 2018:188(2):291-303. doi: 10.1016/J.AJPATH.2017.07.023.

Yazici, C., Wolf, P.G., Kim, H., Cross, T.W.L., Vermillion, K., Carroll, T., **Augustus, G.J.**, Mutlu, E., Tussing-Humphreys, L., Braunschweig, C., Xicola, R.M., Jung, B., Llor, X., Ellis, N.A., Gaskins, H.R. Race-dependent association of sulfidogenic bacteria with colorectal cancer. Gut. 2017:66(11). doi: 10.1136/gutjnl-2016-313321.

Tulenko F. J., **Augustus G. J.**, Massey J. L., Sims S. E., Mazan S., Davis M. C. HoxD expression in the fin-fold compartment of basal gnathostomes and implications for paired appendage evolution. Sci. Rep. 2016:6, 22720. doi: 10.1038/srep22720.

SELECTED LECTURES

R Software/Data Carpentry Workshop (Co-Instructor)

University of Arizona/Cyverse, 2017

Git (Github) Software/Data Carpentry Workshop (Helper)

University of Arizona/Cyverse, 2017

Python Software Carpentry Workshop (Helper)

University of Arizona/Cyverse, 2017

PERSONAL SKILLS

- Blogging & Social Media
- Collaboration
- Creativity
- Problem Solving
- Independent & Self-motivated
- Mentoring
- Organization
- Presentation & Public Speaking
- Time Management
- Visual Storytelling
- Written & Oral Communication

TECHNICAL SKILLS

Graphics

Hand drafting, sketching, vector and raster rendering, Adobe Creative Cloud Suite (e.g., Photoshop, Illustrator, After Effects, Character Animator, Premiere Pro, Audition)

Web Development

HTML, CSS, PHP, Wordpress, Drupal, mySQL, Adobe Dreamweaver

Programming & Statistical Analysis

Excel, R, Python

Project Management & Version Control

Git, Trello, Google Suite, Slack

Other

Professional level photography, documentary videography, narrative videography, video editing, Microsoft Office Suite