

CHRISTINA PECORA

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EDUCATION

MASTER OF SCIENCE

Medical Illustration

Augusta University | 2016-2018

BACHELOR OF FINE ART

Illustration

Cal. State University, Long Beach

2006-2012

CERTIFICATE

Biomedical Illustration

Cal. State University, Long Beach

2006-2012

CERTIFICATIONS

Board Certified Medical Illustrator (CMI)

Flipped Learning 3.0 Higher Ed Cert.

Level - I Master Class

SKILLS

PROFESSIONAL

Illustration

Animation

Interactive

E-learning

Instructional design

VR training

Storyboard

TECHNICAL

Adobe Creative Suite

Captivate and Storyline

LMS (Moodle, Canvas)

Maya

Unity

Pixologic ZBrush

Maxon Cinema 4D

Microsoft Office Suite

Osirix and Horos

Figjam

Airtable

ESSENTIAL

Clear communicator

Collaborator

Creative problem solver

Adaptable and flexible

Strong time management

Initiative and team leadership

Strong EQ

References available upon request.

EXPERIENCE

MEDICAL ILLUSTRATOR

Osso VR | 07/2021 - 01/2025

- Project manager on VR surgical training modules from analysis to implementation. *Timeline estimation > Create learning objectives to meet client goals > Translating information ensuring alignment of objectives and assessment > R & D > Weekly presentations with clients and stakeholders > Cross-team collaboration > Module Development > Implementation for users.*

- Liaise with external clients and internal teams (art, UI/UX, engineering, client services, developers, QA, SMEs) to develop modules to assess surgical competencies.

- Identify areas of workflow inefficiencies for improvement and early tool testing solutions.

- Conduct usability testing for ease of use and client adoption.

MANAGER OF INSTRUCTIONAL RESOURCE SERVICES

California University of Science and Medicine, San Bernardino, CA | 06/2018 - 07/2021

- Responsible for the advancement, design, production and project management of creating biomedical visualization resources that support the curricula, instruction, patient education, public relations, and research objectives of the university.

- *Publications, e-learning modules, surgical simulation 3D models, interactive lab manuals, grants, animations, etc.*

- Collaborate with administration, faculty, students, and clinicians to develop and deploy instructional technology services that support research, instruction, learning, and scholarly activity.

- Partners with academic and medical offices to improve teaching pedagogy strategy, course delivery (online), and content. Create concepts, develop, and deploy effective teaching materials that are user focused.

- Conduct faculty development lectures, workshops, and informal one-on-one consultations with subject matter experts.

- Create supporting multimedia assets to develop learning solutions that exemplify knowledge of adult learning theory and instructional design principles.

- Implements design and development of learning management infrastructure and integration of emerging technologies.

- *Course creation, user management, assessment tools, scorm implementation etc.*

LECTURER | Principles Anatomy & Histology

California University of Science and Medicine, San Bernardino, CA | 2020 - 2021

- Delivered online lectures and assessments in the Masters of Biomedical Sciences program

SUPPLEMENTAL INSTRUCTOR | Human Anatomy

California State University, Long Beach, CA | 2014 - 2016

- Facilitation and planning of class activities, tests, worksheets, discussions, study sessions and study skills.

PROSECTOR | Human Anatomy

California State University, Long Beach, CA | 2014 - 2016

- Post bachelor student prosection

- Lab maintenance and prosection set up for prosection students.

- Facilitator of cadaveric prosections with planning and demonstrations.

SENIOR GRAPHIC DESIGNER

2006 - 2016

- Preprint design/production and printer.

- Marketing pieces for web and print.

- Website design and maintenance.

- Management/planning of trade shows.

- Design of print advertisements, web creatives, catalogs, displays, boxes, booth graphics, application guides, and marketing communication material.

VOLUNTEER

2024 - Current

Board Certification of Medical Illustrators I Portfolio Chair

- Oversees certification of the second half of certification exam
- Leads initiatives that support and further the BCMI mission

2018 - Current

Georgia National Advisory Council Member

- Advises council on recommendations for the advancement of the program
- Reviews provided data on student statistics and provides feedback

2019 - 2023

Accreditation Review Committee for the Medical Illustrator

- Evaluation of graduate programs in medical illustration that have requested accreditation
- Make recommendations on standard competencies

AWARDS

- Octavia Garlington Award of Instructional Design / Poster - Graduate Research Day Augusta University (2019)
- Award of Excellence - AU/UGA Scientific and Medical Illustration Exhibition (2018)
- Vesalius Trust Research Grant (2018)
- The William J. Stenstrom Award of Excellence - AU/UGA Scientific and Medical Illustration Exhibition (2017)
- Award of Merit - Association of Medical Illustrators Annual Student Salon (2017)
- The Graduate School Educational Multimedia Poster Award - Graduate Research Day Augusta University (2017)

PUBLICATIONS

- Wilkinson MJ, Shapiro MD. Immune-Mediated Inflammatory Diseases, Dyslipidemia, and Cardiovascular Risk: A Complex Interplay. *Arterioscler Thromb Vasc Biol.* 2024 Dec;44(12):2396-2406. doi: 10.1161/ATVBAHA.124.319983. Epub 2024 Oct 31. PMID: 39479765; PMCID: PMC11602385.
- Wilkinson MJ, Xu I, Vasudevan RS, You H, Xu R, Taub PR. Trends in LDL-C following coronary angiography involving assessment by fractional flow reserve in obstructive vs non-obstructive coronary artery disease. *Am J Prev Cardiol.* 2023 Feb 13;13:100473. doi: 10.1016/j.ajpc.2023.100473. PMID: 36865903; PMCID: PMC9971059.
- Sykes, Alexandra Vaio MD; Sonners, Christine MD; Schmickl, Christopher N. MD, PhD, MPH; Raphelson, Janna MD; Swiatkiewicz, Iwona MD, PhD; Roberts, Erin MD; Feldman, Erica MD, MPH; Malhotra, Atul MD; Taub, Pam R. MD. The Impact of Underlying Obstructive Sleep Apnea Treatment on Exercise Capacity in Patients With Pulmonary Hypertension Undergoing a Cardiac Rehabilitation Program. *Journal of Cardiopulmonary Rehabilitation and Prevention* 43(3):p 186-191, May 2023. | DOI: 10.1097/HCR.0000000000000745
- Duell B, Long MK, Divella M, Fogel J, Ruotolo C. Transosseous Repair With Nice Knot Augmentation Versus Knotless Suture Anchor Repair With Suture Tape for Quadriceps Tendon Rupture: A Cadaveric Study. *Orthopedics.* 2023 May;46(3):135-140. doi: 10.3928/01477447-20221207-02. Epub 2022 Dec 13. PMID: 36508490.
- Harpreet Bhatia, Irvin Xu, Pam R Taub, Michael J Wilkinson (2022). Ethnic Factors in the Assessment of Cardiovascular Risk for Primary Prevention. In *Cardiovascular Risk Assessment in Primary Prevention*, (pp.199-226). Cham Switzerland: Springer.
- Sonners, C. & Schmickl, Christopher & Raphelson, J. & Sykes, A. & Roberts, E. & Swiatkiewicz, Iwona & Malhotra, Atul & Taub, P. (2022). The impact of obstructive sleep apnea on exercise capacity in a cardiac rehabilitation program. *Sleep and Breathing.* 27. 1-9. 10.1007/s11325-022-02704-0.
- Patel, N., Mittal, N., Choubdar, P.A. et al. Lipoprotein(a)–When to Screen and How to Treat. *Curr Cardiovasc Risk Rep* 16, 111-120 (2022). <https://doi.org/10.1007/s12170-022-00698-8>
- Epstein, Elizabeth; Maisel, Sofie; Maysent, Kathryn; Taub, Pam R.. Cardiac rehabilitation for coronary artery disease: latest updates. *Current Opinion in Cardiology* 36(5):p 556-564, September 2021. | DOI: 10.1097/HCO.0000000000000895
- Chopra C, Youssef A, Pecora C, Ghisletta L. Bridging the gap in surgical patient education: a visual-based approach. *HPRH.* 2021; 32.
- Aria Darbandi BS, Amit Pujari BS, Carol Lin MA, MD (2021). Evaluation of a novel C-Arm draping technique to minimize surgical field contamination and surgery time. *ANZ Journal of Surgery* Volume91, Issue7-8, 1455-1461. <https://doi.org/10.1111/ans.17013>
- Enix DE, Scali F, Sudkamp K, Keating R. (2020) Tricipital supernumerary head of the biceps brachii muscle: an anatomical case study and clinical implications. *Journal of Chiropractic Medicine.*
- Ormiston C.K., Ocher R., Taub P.R. (2021) Impact of Nutrition on Biomarkers of Cardiovascular Health. In: Wilkinson M.J., Garshick M.S., Taub P.R. (eds) *Prevention and Treatment of Cardiovascular Disease. Contemporary Cardiology.* Humana, Cham. https://doi.org/10.1007/978-3-030-78177-4_2
- Charles R. Bursey, Stephen R. Goldberg, Cameron D. Siler, and Rafe M. Brown (2019). New Species of Falcaustra (Nematoda: Kathlaniidae) and Other Helminths in *Megophrys stejnegeri* (Anura: Megophryidae) from Samar Island, Philippines. *Comparative Parasitology* 87(1), 4-11.
- Pecora, C., Andrews, B., Hryeniuk, A., & Latif, E. (2018). An Interactive Platform to Enhance Knowledge and Understanding of Ovarian Neoplasm: A Pilot Media Program to Standardize Clerkship Education. *Journal of Biocommunication*, 42(2). <https://doi.org/10.5210/jbc.v42i2.9550>
- Bursey C.R., Goldberg S.R., Kraus F. (2017). A New Species of Spauligodon and other Nematodes in *Cyrtodactylus epiroticus* from New Guinea. *Acta Parasitologica*, 62(4), 842-845.
- Nobles M. (2016). *Dissection Manual of Human Anatomy.* California State University - Long Beach, Long Beach.
- Bursey C.R., Goldberg S.R., Grismer L. (2016). *Spinicauda sumatrana* sp. nov. (Nematoda: Heterakidae) from Ludeking's Crested Dragon, *Lophocalotes ludekini* (Agamidae), from the Bukit Barisan Range of Sumatra, 62(3), 610-616.