

MIKHAILA C. MARECKI, MSN, NP

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EDUCATION

MGH Institute of Health Professions, Boston, MA

Master of Science in Nursing Aug 2020
Adult-Gerontology Primary Care Nurse Practitioner, Board-Certified
Women's Health Nurse Practitioner, Board-Certified

Bachelor of Science in Nursing Aug 2018

Harvard University, Cambridge, MA

Concentration: Biology May 2015
Secondary: Studies of Women, Gender, & Sexuality

LICENSURE/CERTIFICATIONS

Certified Nurse Practitioner, State of Massachusetts December 2020 - Present

Registered Nurse, States of Massachusetts & New Hampshire Oct 2018 - Present

MEMBERSHIPS

Sigma Theta Tau International Honor Society of Nursing

National Association of Nurse Practitioners in Women's Health (NPWH)

American Nurses Association (ANA) of Massachusetts

WORK AND RESEARCH EXPERIENCE

Massachusetts General Hospital – *Department of General & GI Surgery, Nurse Practitioner* Mar 2021 - Present

- I evaluate and treat patients with pelvic floor disorders, bowel dysfunction, anal dysplasia, benign anorectal complaints
- Procedures performed include anoscopy, high resolution anoscopy with biopsies and ablation, anorectal manometry, I&D, biopsy

Boston College - *COVID surveillance clinic, Site Supervisor* Sept 2020 - Jan 2021

- Coordinated and supervised a team of 10 nurses and assistants to manage COVID testing clinic
- Trained staff, managed inventory, assisted in coordination of tracking positive cases and contacts

Partners in Health - *Case Investigator, Registered Nurse* Apr 2020 - July 2020

- Supervised a team of 10 contact tracers who reached out to contacts of COVID-19 patients
- Triage and coordinated next steps for care for isolated persons; tracked daily and weekly unit progress including positive cases, contacts traced, and cases referred to social support systems

HRI Hospital - *Registered Nurse* Dec 2018 - Dec 2019

- Inpatient adult psychiatric unit; responsible for admissions/discharges, developing treatment plans, leading groups as well as administering, monitoring, and evaluating effects of medications

Cambridge Hospital - *Certified Nursing Assistant* Feb 2018 - Feb 2019

- Responsible for collecting vitals, one-to-one monitoring, assisting with admissions/discharges
- Collaborate with RN to communicate status of delegated tasks and outcomes of patient data findings

Cambridge Hospital - *Inpatient Pharmacy Technician (per diem)* Mar 2017 – Jan 2021

- Trained in sterile compounding of hazardous and nonhazardous intravenous solutions
- Responsible for refilling, outdating, and maintaining medications throughout hospital

Whitney Laboratory for Marine Bioscience, University of Florida - *Research Assistant* June 2015 - Nov 2015

- Conducted independent research on design and creation of a robotic device to mimic fish swimming, with the goal of using biologically-inspired tools to better develop methods of underwater navigation
- Responsible for managing all laboratory purchases and expenses and for care of laboratory fishes

Harvard Museum of Comparative Zoology Laboratories - *Research Assistant* Jan 2014 - June 2015

- Completed Honors Thesis research under supervision of Professor George Lauder
- Generated 3D models of *Chauliodus* sp. to quantify feeding mechanics

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- Generated optimization models of muscular function in R and MATLAB
- Created a biorobotic dragonfish model to mimic fish biting; research paper published (2019)

Wyss Institute/Harvard Biodesign Lab - Research Assistant

Jan 2013 - Aug 2013

- Assisted in creation of passive exoskeleton prototypes to reduce the metabolic cost of walking and running
- Exercised all aspects of design process including idea and concept generation, first order approximations, bench level tests, solid modeling, manufacturing, and testing

VOLUNTEER WORK

MGH-Revere Pediatrics: Crimson Care Collaborative, Junior Clinician.

Sept 2017 - Sept 2019

Cambridge Women's Center, Cambridge, MA., Volunteer.

June 2016 - June 2019

PRESENTATIONS / PUBLICATIONS / POSTERS

Harvard Medical School, 23rd Annual Course in Neurogastroenterology & Motility. Oct 2022. Invited Lecturer. Evaluation of colorectal disorders: When to order a defecography and how to determine who is a good candidate for surgery.

Bordeianou L, Savitt L, Marecki M. Methods of anorectal physiology. *Ann Laparosc Endosc Surg* 2022;7:14.

Kenaley, Christopher & C. Marecki, Mikhaila & V. Lauder, George. (2019). The Role of An Overlooked Adductor Muscle in the Feeding Mechanism of Ray-finned Fishes: Predictions from Simulations of a Deep-sea Viperfish. *Zoology*. 10.1016/j.zool.2019.02.005.

Muscle-unit Force and Power Input of Lower-jaw Adduction: New Insights from Biorobotic and Computational Modeling in Deep-sea Fishes. Kenaley CP, Marecki M, Lauder GV, *American Society of Ichthyologists and Herpetologists 2015 Annual Meeting*

Dynamic Mechanical Advantage? The Role of an Overlooked Muscle in Lower-jaw Adduction in Fishes. Kenaley CP, Marecki M, *Society for Integrative and Comparative Biology 2015 Annual Meeting*

LANGUAGES

Italian, fluent

COMPUTER SKILLS

Proficient in EPIC, Athena, PowerChart, MediTech, Pyxis, Omnicell