

Michael Makowski, DO

EDUCATION

Lincoln Memorial University - DeBusk College of Osteopathic Medicine | Doctor of Osteopathic Medicine May 2023

- Final GPA: 3.98/4.0, top 10% of cohort

Pennsylvania State University - University Park | Bachelor of Science in Biochemistry and Molecular Biology May 2017
Minors in Biomedical Engineering, Microbiology, and Chemistry

- Final GPA: 3.80/4.0

EMPLOYMENT EXPERIENCE

Resident Physician - Emergency Medicine & Internal Medicine June 2023 - Dec. 2023

ChristianaCare Health System | Wilmington, DE

- Delivered direct patient care at a large quaternary care center in both inpatient and emergency room settings. Including reviewing cases and medical literature in order to ensure maximized quality of care.
- Prepared presentations for and participated in weekly didactic conferences to expand knowledge base.

Medical Physiology & Molecular Biology Tutor Aug. 2020 - May 2021

LMU - DeBusk College of Osteopathic Medicine | Knoxville, TN

- Developed didactic review material and led biweekly large-group presentations for first-year medical students on subjects within Biochemistry and Medical Physiology in order to prepare for pre-clinical success and national licensure examination.

Organic Chemistry Teacher Oct. 2017 - Aug. 2019

The Princeton Review | Virtual

- Led lectures in organic chemistry for pre-medical students preparing to take the MCAT examination.
- Provided mentorship and guidance in preparation for the MCAT and medical school application process.

Project Manager, Medical Scribe June 2017 - July 2019

ScribeAmerica | Northeastern PA

- Established, hired, and maintained effective medical scribe programs across rural Pennsylvania hospitals, while building effective professional relationships with leadership of healthcare systems.
- Regularly assessed individual program goals and deployed improvements to medical scribe training and workflow within varied clinical environments and EMR suites.
- Worked directly with physicians on the healthcare team in multiple diverse settings in order to document patient history and relevant elements of the clinical encounter.

Teaching Assistant and Lecturer in Biochemistry & Molecular Biology Aug. 2015 - May 2016

Pennsylvania State University | University Park, PA

- Collaborated with supervising Biochemistry faculty and laboratory staff to facilitate a 200-level course for undergraduate students in Introductory Biochemical Laboratory Techniques.
- Responsibilities included preparing and delivering lectures on the scientific principles behind the techniques studied in lab, as well as ensuring students learned to perform these techniques safely and effectively.
- Performed administrative duties associated with position, including but not limited to holding regular office hours, grading assignments, and supporting students in preparation for class exams.

ICD-10 Transition Project Intern May 2015 - Aug. 2015

Hematology & Oncology Associates of Northeastern PA | Scranton, PA

- Developed an efficient method of transitioning patient charts from ICD-9 to ICD-10 coding system in order to satisfy organizational Medicare/Medicaid funding requisites.
- In collaboration with Clinical Informatics team, assured further documentation and workflow within EMR would continue to meet billing and coding requirements.

RESEARCH EXPERIENCE

Impact on Quality of Life of Affordable 3D-Modeled Prostheses in Children of Appalachia with Limb Disorders 2019 - 2021
LMU- DeBusk College of Osteopathic Medicine | Knoxville, TN

- Produces low-cost, 3D printed upper limb prosthetics designed by e-NABLE Prosthetics Community for children ages 6-10 in rural Appalachia with congenital deformities of the distal upper extremities.
- Customized devices provided at no cost to study participants under guidance of local prosthetist.
- Collection of QoL data obtained via survey of participant parents/guardians according to the PedsQL model.
- Position as PI transitioned into consultant role in order to attend out-of-state clinical rotations.

Contributing Author - Emergency Medicine Residents' Association Antibiotic Guide

- Compiled and edited up-to-date recommendations for antimicrobial therapy in the Emergency Department based on current clinical guidelines for the 2024 edition of the EMRA Antibiotic Guide, particularly for tick-borne diseases.

SKILLS

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| • Medical knowledge & clinical skills | • Team management |
| • Scientific writing | • Scientific literature analysis |
| • Teaching (university & graduate levels) | • Scientific study design |
| • Presentation preparation & delivery | • Laboratory skills & safety |
| • Interpersonal communication skills | • Data analysis & interpretation |
| • Leadership | • Microsoft Office suite |
| • Project Management | • AMA Style |
| • Recruiting | • Attention to detail |
| • Hiring | • EMR Software |

PERSONAL & PROFESSIONAL INTERESTS

Ultrasound Medicine|Cooking|Building computers and computer networking|Raising chickens|Target archery|Hiking with my cats (Peanut & Oscar)