

DANIEL AYORINDE, M.D.

PROFESSIONAL SUMMARY

I aspire to assume leadership roles where I can influence organizational strategies, drive innovation, and champion initiatives that enhance healthcare delivery, and ultimately improve patient-centered outcomes.

EDUCATION AND TRAINING

Johns Hopkins University School of Medicine
Johns Hopkins Emergency Medicine Residency, Baltimore MD June 18, 2025
Administrative Focused Accelerated Specialization Track

Howard University College of Medicine, Washington D.C. May 8, 2021
Doctor of Medicine

Towson University, Towson, MD May 21, 2014
Bachelor of Science in Biology
Concentration: Functional Biology of Animals
Bachelor of Molecular Biology, Bioinformatics and Biochemistry
Concentration: Molecular Biology

LEADERSHIP AND SERVICE

Maryland American College of Emergency Physicians Board of Representatives – Member 2024

Improved Clinical Efficiency Committee - Johns Hopkins Emergency Residency 2023-2024

- ❖ Resident representative on committee geared on focused improvement of resident education and departmental efficiency

Emergency Medicine Residents Association (EMRA) Representative Council Member 2022-2024

- ❖ Represented the Johns Hopkins EM program’s residents and fellows’ interests at biannual council meetings and exercised voting power on resolutions formulated that drive EMRA’s organizational policies and strategic goal

ED Comprehensive Unit Based Safety Program (CUSP) – Resident Representative 2021-2024

- ❖ Attended monthly meetings assessing new safety initiatives and current safety practices in the ED

ADVOCACY

Chair of Diversity, Equity and Inclusion (DEI) committee of EMRA 2024

Vice-Chair of Diversity, Equity & Inclusion committee of EMRA 2023

EMRA Rep to ACEP Diversity, Inclusion, and Health Equity Section 2023

Exec-board. Emergency Medicine Interest Group Howard University COM - EMRA rep 2020

Chair of Programs/Historian of Delta Mu Chi Fraternity Inc., Alpha Chapter 2019

Vice President. International Student Relations for Howard University COM class of 2021 2018

President. Minorities of Science and Technology Chapter – Towson University 2012

PROFESSIONAL ORGANIZATIONS

Board Member. Maryland Chapter American College of Emergency Physicians (MDACEP)
Member. American College of Emergency Physicians (ACEP)
Member. Emergency Medicine Residents Association (EMRA)
Member. Society for Academic Emergency Medicine (SAEM)
Member. Academy for Diversity & Inclusion in Emergency Medicine (ADIEM)
Member. American Academy of Emergency Medicine Resident and Student Association (AAEM/RSA)
Member. National Medical Association (NMA)
Member. Young Adults of House of Praise
Former Member. American Medical Student Association (AMSA)
Former Member. Medical Students for Africa Association
Former Member. International Medicine Interest Group
Former Member. Student National Medical Association (SNMA)

QUALITY IMPROVEMENT PROJECTS

Distal Radius Ulna Fractures Evidence-Based Guidelines 2024
❖ Designed algorithm using evidence-based research for identification, management and disposition of patients with distal upper extremity fractures to reduce inappropriate consultations and wait times

Hypothermia Protocol 2024
❖ Developed a departmental resuscitation protocol for stable and unstable hypothermic patients.

WORK EXPERIENCE

AstraZeneca Biologics Frederick, MD July 2014 - June 2017
Manufacturing Associate

Duties/Skills

- ❖ Subject matter expert of quality analysis database QCLIMS; delivered site-wide training during system implementation
- ❖ Created and edited standard operating procedures used for production of Synagis and Flumist
- ❖ Received Certified Yellow Belt for lean project that reduced inefficiencies in technical operations
- ❖ Utilized aseptic technique to create devices used in both Upstream and Downstream activities

Union Hospital Elkton, Maryland July 2013- February 2014
Emergency Medicine Scribe

Traveled 4 hours daily to assist 10 emergency physicians as a scribe; duties performed as follows:

- ❖ Generated elaborate patient profiles with medical history, history of present illness and physical exam
- ❖ Recorded vital signs and changes in mental status of stable, unstable and critical care patients
- ❖ Collaborated with various hospital specialists to maintain a healthy and safe environment for patients
- ❖ Compiled chronological records of interventions, drug administrations, and consultations

Towson University Biology Department Towson, MD
Lab Assistant February 2011-May 2014

Sears Holdings Corporation. Landover MD

Electronics/Appliances Sales Associate

February 2011- October 2013

- ❖ Handled concerns of multiple customers in a fast-paced work environment
- ❖ Adeptly communicated with customers from diverse backgrounds
- ❖ Closed multiple transactions leading to over \$100,000 increase in company income

Millennium Hall Apartments. Towson, Maryland

Administrative Assistant

February 2011- September 2012

- ❖ Managed the financial records of over 300 residents
- ❖ Supervised office operations while effectively attending to the service requests of multiple residents

TEACHING EXPERIENCE

Lead Tutor Howard College of Medicine Medstars Program Washington DC, June 2018 – June 2019

- ❖ Supervised Preliminary Academic Reinforcement Program for conditionally enrolled medical students
- ❖ Developed weekly schedules with workshops, exam review and counseling for over 120 students
- ❖ Managed a team to ensure optimal efficiency of the program during summer and academic school year
- ❖ Mentored first year medical students in poor academic standing

Student Tutor, NACA and Christian Fellowship Academy Baltimore, MD August 2011-January 2012

- ❖ Inspired middle school students with tasks aimed at drawing out their creative potential

RESEARCH EXPERIENCE

PUBLICATIONS

Unpublished Manuscript

Mitchell, T., Sule, H., Pierce, A. E., **Ayorinde, D.**, Binstadt, E., Feeser, V. R., Norman, M. S., Heron, S. L., & Bradby, C. (2023). Assessment of barriers facing students pursuing emergency medicine at historically Black colleges and universities and Puerto Rican medical schools. [Manuscript in preparation/Unpublished manuscript].

Cited Literature

Nelson, A.N., Margulies, B.J., Gasparich, G.E., Snyder, M.G., Ghent, C., Sours, R.E., Siegel, R., Lijewski, S., Feeser, K.R., Tate, B., Johnson, N.F., Oberstein, S., Merrick, K., Khan, S.S., **Ayorinde, D.**, Badin, J.K., Raykovics, K., Doty, M., & Whitt, S. (2013). Towson University College of Graduate Studies and Research development of subcutaneous implant containing acyclovir for the long-term suppression of HSV-1 recurrences; Available from: <https://www.semanticscholar.org/paper/TOWSON-UNIVERSITY-COLLEGE-OF-GRADUATE-STUDIES-AND-A-Nelson-Margulies/b24ed24ceb409a62685755097693cb26e651c0>

HONORS AND AWARDS

- ❖ Medical Student Ambassador. SAEM Conference 2020. Denver, Colorado.
[Cancelled due to COVID-19 travel restrictions] May 2020
- ❖ Cosmic Scholarship, Towson University August 2012 - May 2014
- ❖ Fisher College of Science and Mathematics Scholarship, Towson University May 2014
- ❖ Golden Key International Honor Society Inductee, Towson University January 2013 to May 2014
- ❖ Towson University Dean's List January 2010- January 2013

CONFERENCES/PRESENTATIONS

National

1. American College of Emergency Physicians Leadership and Advocacy Conference 2023 & 2024
 - ❖ Lobbied on Capitol Hill for critical issues (i.e Medicare reimbursement, workplace violence, hospital overcrowding, etc.) shaping the future of our specialty
2. “EMRA: Unlocking Career Success” 2023
 - ❖ Fireside interview with world-renowned authors discussing their professional development book on navigating career paths without compromising wellness
3. “Mentorship Series: Advice to URM’s on Interview Trail” 2022 & 2023
 - ❖ An interactive lecture series aimed at academically supporting students interested in EM from marginalized/underrepresented backgrounds
4. “Effectivity of Face Coverings...” Tuskegee University COVID-19 Virtual Discussions 2021
5. Annual Biomedical Conference for Minority Students in Nashville, TN 2013
 - ❖ Poster titled “Efficacy of Polycaprolactone/Penciclovir Implant on the Prevention of Primary Herpes Simplex Virus-2 Infection”

State

1. “HIV Emergencies: PGY 4 Core Content” – Johns Hopkins EM Residency (JHEMR) 2024
2. “Atrial Fibrillation in Critically Ill Patients: PGY 3 Chairman’s Hour” JHEMR 2024
3. “Hyperactive Delirium with Severe Agitation: PGY 3 Morbidity & Mortality” JHEMR 2023
4. “The Use of Heparin in NSTEMI: PGY 2 Evidence-Based Medicine Lecture” JHEMR 2022
5. “Drugs of Abuse: PGY 2 Core Content” – JHEMR 2022
6. “Managing Victims of Sexual Abuse: PGY 1 Intern Talk” – JHEMR 2021
7. “Race, Academics, and Medicine” Healthcare Disparities Talk Howard University College of Medicine 2020

COMMUNITY INVOLVEMENT

- Howard-Hopkins Bootcamp - Howard University College of Medicine 2021- 2024
- ❖ Led session in skills development course for students preparing for sub-internships in EM
- “A day in the Life of an EM doctor” Career Day Lecture - Mothers of Seton Academy Baltimore 2023
- ❖ Early exposure of underrepresented middle and high school students in STEM field to medicine
- Mini-medical school conference – Johns Hopkins University 2022-2023
- ❖ Early exposure of underrepresented high school and undergraduate students in STEM field to medicine

EXTRACURRICULAR ACTIVITIES

- ❖ 1ST PLACE in Washington Wizards Organ Donation Awareness Basketball competition 2018
- ❖ DC Fray Basketball Fall League 2017, 2018
- ❖ Mud Dog Run - 5K Marathon Frederick, MD 2015, 2016
- ❖ Color Run – 5K Marathon Baltimore, MD 2015

References available upon request