

Maurice Bukenya

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TOP SKILLS: Technical writing | Quantitative analysis | Project management | Research | Leadership

EDUCATION

2021 – Present	DUKE UNIVERSITY PhD in Immunology, GPA 3.92/4.00
2017 - 2018	TUFTS UNIVERSITY M.S in Chemical Engineering, GPA 3.83/4.00; Published first-author paper in a peer-reviewed journal
2013 - 2017	TUFTS UNIVERSITY B.S in Chemical Engineering, GPA 3.40/4.00, Honors <i>Cum laude</i> ; Dean's List

EXPERIENCE

01/22 – 03/22	Consultant - DUKE ADVANCED DEGREE CONSULTING CLUB • Provided pro bono consulting services to a web-based company • Developed a comprehensive go-to-market strategy for client and identified the most apt markets for a pilot launch	Durham, NC
04/19 – 06/21	Research Associate - MASSACHUSETTS INSTITUTE OF TECHNOLOGY • Conducted research; analyzed and interpreted experimental results related to two major projects in the areas of infectious diseases and cancer immunotherapy. • Co-authored a publication on a therapeutic regimen that could boost efficacy of FDA-approved immunotherapy treatments for cancer	Cambridge, MA
09/18 – 03/19	Engineer - BIOGEN • Executed a project aimed at improving manufacture of gene therapy drugs, and developed a production strategy that might rival current manufacturing standards in the field on a variety of measures • Presented project outcomes to a team of engineers and scientists and made recommendations for future directions	Cambridge, MA
06/16 – 08/16	Engineering Intern - NATIONAL INSTITUTES OF HEALTH • Improved the efficiency of a gene sequencing preparation tool called “drop-seq” and supported the team that implemented its use	Bethesda, MD

LEADERSHIP ACTIVITIES

2013 - 2018	TUFTS UNIVERSITY Founding Secretary of the Biomedical Engineering and Chemical Engineering Society • Spear-headed membership recruitment drives and programming, growing membership north of 40 graduate students in organization's inaugural year Secretary of the National Society of Black Engineers • Identified and coordinated resource opportunities for the organization's 54 members Resident Advisor for Tufts University Residential Life and Learning Department • Planned social activities, and provided academic and mental health resources for 47 student residents	Medford, MA
03/13 – 08/13	Intern - GLOBAL HEALTH CORPS • Led programming strategies for the promotion and maintenance of alumni corps engagement in the organization's activities • Exhibited organization's work toward global health equity at major healthcare conferences and events	Kampala, Uganda
06/12 – 03/13	Communications, Partnerships and Advocacy Intern - INFECTIOUS DISEASES INSTITUTE • Co-authored a grant application that resulted in medical support and skills development funding for 15 HIV+ young adults	Kampala, Uganda
06/12 – 09/13	Youth Think Tank Member - MASTERCARD FOUNDATION • Researched youth unemployment in Sub-Saharan Africa and made recommendations for curbing employment challenges in the region	Kampala, Uganda

PUBLICATIONS

- Wang, C., Cui, A., **Bukenya, M.**, et.al (2021) *Reprogramming NK Cells and Macrophages via Combined Antibody and Cytokine Therapy Primes Tumors for Elimination by Checkpoint Blockade*. Cell Reports
- Bukenya, M.**, et.al (2020) *A Robust Fabrication Technique for Hydrogel Films Containing Micropatterned Opal Structures via Micromolding and an Integrated Deposition-Polymerization Approach*. Langmuir
- Bukenya, M.** (2018) *A Micromolding-based Evaporation-Polymerization Technique for Rapid and Tunable Fabrication of Hydrogel Films Containing Micropatterned Opal Structures* (Master's Thesis). ProQuest Dissertations and Theses Global Database.