

TOSIN BUKOLA AKINTUNDE

PhD Student

Department of Mechanical & Industrial Engineering University of Toronto
5 King's College Road · Toronto, Ontario M5S 3G8
Tel. : +14379254714 ; E-mail : tosin.akintunde@mail.utoronto.ca
LinkedIn: <https://www.linkedin.com/in/tosin-akintunde>

Education

- 2013 - 2016 BSc., Industrial and Production Engineering, University of Ibadan, Ibadan, Nigeria
First-class honours (CGPA:6.3/7.0)
- 2018 - 2021 MSc., Industrial and Production Engineering, University of Ibadan, Ibadan, Nigeria
Distinction (CGPA: 6.8/7.0)
- 2022 - PhD., Mechanical and Industrial Engineering (Human Factors), University of Toronto,
Toronto, Ontario, Canada

Positions and Employment

- 2015 - 2016 Engineering Intern, Pharma-Deko Plc., Agbara, Ogun State, Nigeria
- 2017 - 2018 Engineering Intern, Ajaokuta Steel Company, Ajaokuta, Kogi State, Nigeria
- 2018 - 2020 Tutorial Assistant, Industrial and Production Engineering Department, University of Ibadan, Ibadan, Nigeria. Courses taught include Work Systems Design and Quality Control.
- 2018 - 2021 Research Assistant Volunteer, Industrial and Production Engineering Department, University of Ibadan, Ibadan, Nigeria
- 2022 - Research Assistant, Safety, Equity and Design Lab, University of Toronto, Toronto, Ontario, Canada
- 2022 - Teaching Assistant, Mechanical and Industrial Engineering, University of Toronto, Toronto, Ontario, Canada. Courses include Engineering Economics and Accounting, and Human-Centred Systems Design.

Publications

Peer-reviewed conference proceedings and abstracts

1. **Akintunde, T.**, Howard, J., Wilson, D., Gore, A., Morton, C., Hebbar, L., Goodier, C., Alfred, M. (Accepted). Racial/ethnic disparities in long-term contraception use among the birthing population at an Academic Hospital in the Southeastern United States. *Annual Meeting of the Human Factors and Ergonomics Society. October 2023.*
2. Virani, D., **Akintunde, T.**, Hicks, N., & Alfred, M. (Accepted). Identifying systems factors contributing to adverse events in maternal care using incident reports. *International Symposium on Human Factors and Ergonomics in Health Care.*
3. **Akintunde, T.** and Oluleye, A.E. (2022). Evaluation of some selected water producing companies using the data envelopment analysis. *In Proceedings of the International Conference on Industrial Engineering and Operations Management Nsukka, Nigeria, 5 - 7 April 2022.* <https://ieomsociety.org/proceedings/2022nigeria/193.pdf>

Peer-reviewed journal publications

1. Oluleye, A.E., and **Akintunde, T.** (2020). Modelling supply chain resilience and organisational performance for selected small and medium scale enterprises. *The International Journal of Business and Management.* ISSN 2321-8916, 8(6),318-330.

Professional Membership

- 2017 - Graduate Member, Nigeria Society of Engineers
- 2022 - Student Member, Human Factors Interest Group, University of Toronto, Mechanical and Industrial Engineering, University of Toronto, Canada
- 2022 - Graduate Member, Safety, Equity and Design Lab, University of Toronto, Canada
- 2022 - Student Affiliate Member, Human Factors and Ergonomics Society

Scholarships/ Honors/Award

- 2018 - 2020 University Scholar Award, University of Ibadan, Ibadan, Nigeria
- 2020 Nigerian Petroleum Trust Development Fund Local Scholarship
- 2021 iScholar Initiative Scholarship
- 2022 Nigerian Academic Influencer's Award, K&J Africa Trust
- 2022 - 2026 Mechanical and Industrial Engineering Fellowship for Doctoral Students
- 2022 - 2023 Frank Howard Guest Graduate Bursary, University of Toronto
- 2022 - 2023 The Mccuaig-throop Bursary, University of Toronto
- 2023 - 2024 PEO International Peace Scholarship

Volunteering / Leadership Experience

- 2016 – 2021 Student Volunteer, Nigeria Institute of Industrial Engineers: Volunteered in different capacities during the national conferences held by the organization. I engaged in publicizing conferences among the student community and served as a repertoire during the virtual conference.
- 2017 - 2018 Drug Free Club: Led a team of youths in a Drug Free Club to different secondary schools to sensitize about 1000 students on drug abuse and solutions.
- 2018 - 2019 Treasury: Managed the weekly funds raised by Adventist Student Association and chaired the association's fund-raising committee.
- 2022 - Support Group: Created and lead support group for birthing women and girls intending to pursue graduate studies.
- 2022 - Undergraduate Mentoring: I mentor undergraduate students carrying out research activities.