

KOYEJO, OLUWATOSIN DEBORAH

Computational Biochemist | Bioinformatics & Translational Research | Public Health & Scientific Strategy

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PROFESSIONAL SUMMARY

Computational Biochemist and Translational Research Professional with experience spanning bioinformatics, scientific communication, public health program coordination, stakeholder engagement, and research strategy. Skilled in multi-omics analysis, machine learning applications in biomedical research, scientific documentation, operational coordination, and cross-functional team management. Experienced in coordinating outreach programs, supervising field activities, supporting public health initiatives, and managing research-driven projects within fast-paced multidisciplinary environments. Passionate about leveraging computational and data-driven approaches to advance drug discovery, precision medicine, and impactful healthcare solutions

CORE COMPETENCIES

Bioinformatics & Computational Biology, Multi-Omics Analysis, Machine Learning in Biomedical Research, Public Health Program Coordination, Stakeholder Engagement, Team Leadership & Supervision, Scientific Writing & Editing, Research Strategy & Development, Data Analysis & Visualization, Operational & Logistics Coordination, Clinical & Regulatory Documentation, Cross-Functional Collaboration, Training & Capacity Building, Research Commercialisation, Field Operations Management.

TECHNICAL SKILLS

Python, R Programming, SPSS, GraphPad Prism, Bioinformatics Pipelines, Machine Learning, Omics Data Analysis, Statistical Analysis, Data Visualization, Scientific Databases, Microsoft Office Suite

EDUCATION

PhD in Biochemistry (In View)

Covenant University | 2023 – Present

CGPA: 5.0/5.0

M.Sc. Biochemistry

Covenant University | 2019 – 2021

GPA: 4.6/5.0

B.Sc. (Hons.) Biochemistry

Babcock University, Ogun State | 2013 – 2017

CGPA: 4.24/5.0

WORK EXPERIENCE

❖ Public Health Program Coordination & Stakeholder Engagement Experience

Health Awareness and Outreach Programs | Lagos & Abuja

Program Coordination, Stakeholder Engagement, and Field Operations Support

- ✧ Supported the planning, coordination, and implementation of community health awareness and outreach programs in collaboration with public health stakeholders and partner organizations.
- ✧ Engaged with government representatives, healthcare stakeholders, and external partners to facilitate effective communication and smooth program execution.
- ✧ Coordinated field activities and supervised volunteers and field personnel to ensure operational efficiency and timely task completion.
- ✧ Assisted with logistics coordination, operational tracking, and accountability processes for outreach activities and field operations.
- ✧ Supported program data verification, reporting, and documentation processes to improve monitoring and evaluation activities.

- ✧ Facilitated health awareness and orientation sessions on key public health issues for community participants and field teams.
- ✧ Guided personnel on data collection protocols, reporting procedures, and compliance with program standards.
- ✧ Collaborated effectively within multidisciplinary teams in fast-paced public health and community engagement environments.

❖ **Research and Business Development Manager**

Research Ready Hub | May 2024 – Present

- ✧ Directed strategic planning and execution of research and business development initiatives across scientific and healthcare-related projects.
- ✧ Managed client relationships, improving client satisfaction, retention, and acquisition.
- ✧ Conducted market analysis to identify emerging opportunities in scientific writing and clinical documentation services.
- ✧ Developed proposals, presentations, and business pitches that secured new contracts and partnerships.
- ✧ Collaborated with multidisciplinary teams to define project scope, timelines, and resource allocation.
- ✧ Led mentorship and training initiatives on scientific and regulatory documentation best practices.
- ✧ Established and monitored KPIs to evaluate operational performance and project outcomes.
- ✧ Prepared executive reports and performance presentations for organizational review.

❖ **Senior Reviewer, Copyeditor, and Copywriter**

Kimberly Ryan (Enago, Crimson Interactive) | January 2021 – May 2024

- ✧ Delivered over 60 scientific and research-based documents monthly, totaling more than 150,000 words.
- ✧ Achieved two promotions within nine months through consistent high-quality performance.
- ✧ Contributed to a significant increase in client acquisition and order inflow across African and international markets.
- ✧ Collaborated with project managers, technical writers, and subject matter experts under strict deadlines.

- ✧ Performed substantive editing, developmental editing, copyediting, and proofreading for scientific manuscripts and technical documents.
- ✧ Reviewed and optimized charts, tables, graphics, and written content for clarity, consistency, and adherence to client guidelines.
- ✧ Ensured compliance with organizational style standards and quality assurance protocols.
- ✧ Applied strong communication, multitasking, and organizational skills to maintain efficiency and quality delivery.

SELECTED COMPUTATIONAL & RESEARCH INTERESTS

Bioinformatics-Driven Drug Discovery, Multi-Omics & Systems Biology, Computational Biomarker Discovery, Cancer Genomics & Precision Medicine, AI Applications in Biomedical Research, Translational Biochemistry, Data-Driven Healthcare Research, Scientific Communication & Research Strategy.

SCIENTIFIC PUBLICATIONS

Rotimi, O. A., Chionuma, J. O., **Koyejo, O. D.**, Salami, E. A., Shakunle, A., Okebalama, V., & Rotimi, S. O. Analysis of MED-12 Mutations in Uterine Leiomyomas of Nigerian Women. *F&S science*, S2666-335X.

Koyejo, O. D., Rotimi, O. A., Abikpa, E. N., Bello, O. A., & Rotimi, S. O. (2021). A Review of the Anti-Fibroid Potential of Medicinal Plants: Mechanisms and Targeted Signaling Pathways. *Tropical Journal of Natural Product Research (TJNPR)*, 5(5), 792–804. Retrieved from <https://www.tjnpr.org/index.php/home/article/view/577>

Oluwaloni, F. O., Yakubu, O. F., Adebayo, A. H., **Koyejo, O. D.**, & Lawal, A. K. (2023). Review of the Gut Microbiota Dynamics in Type-2 Diabetes Mellitus (T2DM): A Focus on Human-Based Studies: <http://www.doi.org/10.26538/tjnpr/v7i6.2>. *Tropical Journal of Natural Product Research (TJNPR)*, 7(6): 3059–3079. Retrieved from <https://www.tjnpr.org/index.php/home/article/view/2066>

REFEREES

Available on request