TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Olubayode Ebenezer Olusola Title:

B. Educational Background

Master's	*2025*	*University of Oklahoma*	*Health & Exercise Science: Sports Data Analytics*	*Bayesian Analysis of Strike Likelihood in Baseball: Evaluating the Impact of Pitch Dynamics and Batter Characteristics.*
Bachelor	*2020*	*University of Ibadan*	*Physiology*	Oral iron intake compromises the integrity of the gastric mucosa and impairs gastrointestinal motility.

C. University Experience

Texas State University, San Marcos, Texas
Doctoral Teaching Assistant, Department of Health and Human Performance *(Expected)*
2026–Present

University of Oklahoma, Norman, Oklahoma
Graduate Teaching and Research Assistant, Department of Health & Exercise Science
2023–2025

D. Relevant Professional Experience

Biomechanics KinaTrax System Operator, KinaTrax / Hawk-Eye Innovations
2026

Performance & Strategy Analyst, University of Oklahoma Softball Program
2024–2025

Sports Data Analytics & Economic Impact Analyst, Sports Data Analytics Laboratory, University of Oklahoma
2023–2025

Chief Technology Officer & Lead Researcher, ReHboX
2022–2023

Sports Data Scientist & Machine Learning Engineer, DataVault Nigeria
2021–2023

E. Other Professional Credentials (licensure, certification, etc.)

- Rapsodo Hitting Certification
- SponsorUnited SponsorUniversity (Sponsorship Scout)
- Data Science, Artificial Intelligence & Machine Learning Developer

II. TEACHING

B. Courses Taught

Texas State University (Instructor of Record *Expected in fall 2026***)**

- ESS 4351.001 – Measurement & Evaluation in Exercise and Sports Science (Hybrid), Fall 2026
- ESS 4351.002 – Measurement & Evaluation in Exercise and Sports Science (Face-to-Face), Fall 2026

University of Oklahoma (Graduate Teaching Assistant)

- HES 1121 – Beginning Weight Training (Activity-Based Laboratory Course), Fall 2023, Spring 2024, Fall 2024, Spring 2025
- HES 1221 – Individual Fitness (Activity-Based Laboratory Course), Fall 2023, Spring 2024, Fall 2024, Spring 2025
- HES 2823 – Introductory Nutrition (Teaching Assistant/Grader), Spring 2024

School of Nursing, Uyo (Graduate Teaching & Research Assistant)

- Human Physiology (Lecture and Laboratory Course), 2021–2022
- Research Methodology (Lecture Course), 2021–2022
- First Aid (Lecture and Practical Course), 2021–2022

Leadership Seeker Academy, Ilorin, Nigeria (Teaching Assistant)

- Advanced Biology, 2014–2015
- Advanced Chemistry, 2014–2015
- Advanced Physics, 2014–2015

D. Courses Prepared and Curriculum Development

- Prepared instructional materials, assessments, and laboratory activities for undergraduate courses in exercise science, physiology, fitness, and nutrition.
- Preparing course materials, Canvas content, assessments, and instructional activities for ESS 4351 – Measurement & Evaluation in Exercise and Sports Science, Texas State University (Expected in Fall 2026).
- Developed individualized exercise programming and laboratory instruction for undergraduate students in the Department of Health & Exercise Science, University of Oklahoma.

F. Other

- Mentored more than 200 undergraduate students through activity-based instruction, individualized exercise programming, office hours, and academic support while serving as a Graduate Teaching Assistant at the University of Oklahoma.
- Trained and onboarded new KinaTrax operators in markerless motion capture systems, quality assurance procedures, and operational workflows.

G. Teaching Professional Development Activities Attended

- Graduate Teaching Assistant Orientation, University of Oklahoma (2023)
- Graduate Teaching Assistant English Certification, English Training and Certification Services (ETCS), University of Oklahoma, 2023
- HHP 5388 – Graduate Assistantship Development (Texas State University) *(Expected)*

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

Olubayode, E., Larson, D., Black, C., & Ransom, T. (2025). *Bayesian Analysis of Strike Likelihood in Baseball: Evaluating the Impact of Pitch Dynamics and Batter Characteristics* (master's thesis). University of Oklahoma Graduate College. ProQuest Dissertations & Theses (Publication No. 32000476). Indexed in ProQuest and Google Scholar.

Olubayode, E., Lu, Y., & Larson D. (2024) *Development and Validation of Perception of Nigerian Cultural Integration in Sports Events.* Manuscript in progress. Advanced Measurement & Health Performance Laboratory, University of Oklahoma.

2. Articles:

a. Refereed Journal Articles:

Ige, A. O., Adedayo, B. A., & Olubayode, E. (2022). Oral iron intake compromises the integrity of the gastric mucosa and impairs gastrointestinal motility. *African Journal of Medicine and Medical Sciences, 51*(3), 157–166. https://ojshostng.com/index.php/ajmms/article/view/3834/2187

3. Conference Proceedings:

a. Refereed Conference Proceedings:

Olubayode, E. & Daniel, L. (2025**).** *The influence of bat speed and swing length on fouling off 2-strike pitches: A Bayesian causal analysis.* Connecticut Sports Analytics Symposium (CSAS 2025) **Data Challenge**, Yale University & Connecticut Statistical Science Lab. **Finalist presentation and conference proceedings** website:
https://statds.org/events/csas2025/challenge.html
Session listing (Presentation No. 16):
https://statds.org/events/csas2025/sessions.html

Olubayode, E. & Daniel, L. (2025). *Real-time biomechanical feedback for injury prevention in baseball pitching.* Proceedings of the Society for American Baseball Research (SABR) 53 Poster Session.
https://sabr.org/convention/sabr53-posters

Olubayode, E. & Daniel, L. (2025). *The influence of bat speed and swing length on fouling off 2-strike pitches: A Bayesian causal analysis.* Proceedings of the Society for American Baseball Research (SABR) 53 Annual Convention. https://sabr.org/convention/sabr53-presentations

Olubayode, E. & Daniel, L. (2025). *Real-time biomechanical feedback for injury prevention in baseball pitching.* Injury Biomechanics Research Center Symposium, The Ohio State University. https://ibrc.osu.edu/2025-manuscripts-posters/

Olubayode, E., Omolusi E., & Stephanie N. (2022). *Development of AI-powered digital therapeutics for personalized and fun-filled exercise-based therapies.* Deep Learning Indaba 2022 Poster Showcase. https://deeplearningindaba.com/2022/indaba/posters/

4. Abstracts:

- CSAS 2025 Data Challenge Abstract.
- SABR 53 Conference Abstract.
- SABR 53 Poster Abstract.
- Injury Biomechanics Symposium Abstract.
- Deep Learning Indaba Poster Abstract.

D. Scholarly / Creative Fellowships, Awards, Honors:

Fellowships

- Billy Bean Fellowship Talent Pool Selectee, Major League Baseball (MLB), 2025.
- Take the Field Fellow, Major League Baseball (MLB), 2025.
- MLB Diversity Pipeline Program Scholar, Major League Baseball, 2024–2025.

Awards and Honors

- Doug Pappas Award for Best Poster Presentation, Society for American Baseball Research (SABR 53), 2025.
- Graduate Dean's Distinguished Thesis Prize Nominee (Social Sciences, Education, and the Professions), University of Oklahoma, 2025.
- Top 3 Finalist, Connecticut Sports Analytics Symposium (CSAS) Data Challenge, Yale University, Major League Baseball & University of Connecticut, 2025.
- Rod Herriott Award Nominee, Injury Biomechanics Research Conference, The Ohio State University, 2025.
- Research Excellence Honorarium ($500), Injury Biomechanics Research Conference, The Ohio State University, 2025.
- Nanar & Anthony Yoseloff Scholarship, Society for American Baseball Research (SABR), 2025.
- Rosemary H. Close Scholarship, University of Oklahoma, 2024.
- Sloan Sports Analytics Conference Mentorship Program, Massachusetts Institute of Technology (MIT Sloan), 2024.
- SponsorUniversity Scholar, SponsorUnited, 2024.
- Society for Collegiate Leadership & Achievement (SCLA) Academic Honor, 2025.
- Data Science Nigeria Artificial Intelligence Bootcamp Finalist, 2021.
- AIHack4SDG First Runner-Up, Seedbuilders Africa, 2021.
- Ekiti State Government Scholarship and Bursary Award, 2018–2020.
- Award of Excellence and Meritorious Service, Federation of Ekiti State Students, University of Ibadan, 2019.

E. Scholarly / Creative Professional Development Activities Attended:

- SABR Analytics Conference, Society for American Baseball Research, 2025.
- Society for American Baseball Research (SABR 53) Annual Convention, 2025.
- Connecticut Sports Analytics Symposium (CSAS), Yale University & University of Connecticut, 2025.
- Injury Biomechanics Research Conference, The Ohio State University, 2025.
- MLB Diversity Pipeline Professional Development Program, Major League Baseball, 2024–2025.
- MIT Sloan Sports Analytics Conference Mentorship Program, 2024.
- SponsorUniversity, SponsorUnited, 2024.
- Deep Learning Indaba Conference, Tunisia, 2022.
- Data Science Nigeria Artificial Intelligence Bootcamp, 2021.

F. Media Recognition:

- Society for American Baseball Research (SABR). "SABR 53: Jason A. Schwartz, Ebenezer Olubayode Win 2025 Convention Presentation Awards." June 28, 2025. https://sabr.org/latest/sabr-53-jason-a-schwartz-ebenezer-olubayode-win-2025-convention-presentation-awards/
- Texas Monthly. "The World's Biggest Baseball Nerds Got Together in Irving. We Went." July 2025. https://www.texasmonthly.com/arts-entertainment/baseball-geek-heaven-sabr-irving/
- Connecticut Sports Analytics Symposium (CSAS 2025) Finalist Listing, Yale University & Connecticut Statistical Science Lab. https://statds.org/events/csas2025/challenge.html
- Connecticut Sports Analytics Symposium (CSAS 2025) Conference Sessions (Presentation No. 16). https://statds.org/events/csas2025/sessions.html
- American Statistical Association (ASA). 2025 Connecticut Sports Analytics Symposium Data Challenge Finalist Announcement. https://community.amstat.org/discussion/re-2025-connecticut-sports-analytics-symposium-data-challenge-4
- SABR 53 Conference Presentation Listing. https://sabr.org/convention/sabr53-presentations
- SABR 53 Poster Session Listing. https://sabr.org/convention/sabr53-posters
- Injury Biomechanics Research Center, The Ohio State University. 2025 Poster Manuscripts. https://ibrc.osu.edu/2025-manuscripts-posters/
- Deep Learning Indaba 2022 Poster Showcase. https://deeplearningindaba.com/2022/indaba/posters/
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IV. SERVICE

A. Institutional

University

- Faculty Search Committee Member, tenure-track Assistant Professor position in Sports Data Analytics, University of Oklahoma, 2024. Participated in reviewing applicant materials, interviews, and committee deliberations.
- Health & Exercise Science Graduate Student Association, University of Oklahoma, 2023–2025.

Department/School

- Faculty Search Committee Contributor, Department of Health & Exercise Science, University of Oklahoma, 2024.

B. Professional

- Blind Abstract Reviewer, Society for American Baseball Research Annual Convention.
- Peer Reviewer, Deep Learning Indaba Publications Track, 2025–Present.
- Judge, Deep Learning Indaba AI for Community Impact Challenge, 2025–Present.
- Application Reviewer, MenaML, 2026.
- Technical Reviewer, SABR Artificial Intelligence and Machine Learning Committee, 2024–2025.

C. Community

- Research Assistant, Sports Analytics Club Program, 2025–2026. Conducted applied sports research supporting educational outreach, partnership development, and sports-career programming.
- Peer Education Trainer and Publicity Director, HIV/AIDS education and awareness initiative, 2021–2022.
- Publicity and Media Head, Redeemed Christian Fellowship, University of Ibadan, 2018–2020.
- Property and Facility Manager, Redeemed Christian Fellowship, University of Ibadan, 2017–2018.
- Participated in school, prison, village, and community outreach activities through the Redeemed Christian Fellowship.

D. Organization Memberships

- Society for American Baseball Research, 2023–Present.
- American Baseball Biomechanics Society, 2023–Present.
- Black in AI, 2023–Present.
- Data Science Nigeria, 2019–Present.
- Health & Exercise Science Graduate Student Association, University of Oklahoma, 2023–2025.
- University of Ibadan Physiology Students' Association, 2016–2020.
- Faculty of Basic Medical Sciences Students' Association, University of Ibadan, 2017–2020.

E. Service Honors and Awards

- Certificate of Appreciation, MenaML, for service as an application reviewer, 2026.
- Recognition for service as a judge, Deep Learning Indaba Community Impact Challenge, 2025.
- Recognition for peer-review service, Deep Learning Indaba Publications Track, 2025.
- Award of Meritorious Service, Federation of Ekiti State Students' Union, University of Ibadan, 2019.
- Certificate of Service, Redeemed Christian Fellowship, University of Ibadan, 2019.

G. Service Professional Development Activities Attended

- Deep Learning Indaba Reviewer and Judge Training, 2025.
- SABR Abstract Reviewer Orientation and Evaluation Activities, 2024–2025.
- MenaML Application Reviewer Orientation, 2026.
- SponsorUniversity Professional Development Program, SponsorUnited, 2024.
- MLB Diversity Pipeline Professional Development Program, 2024–2025.