

Curriculum Vitae

Oluwatoyin O. Sangokunle

General Information

University address: Department of Nutrition, Food and Exercise Sciences,
College of Human Sciences,
Sandels Building 442G, 120 Convocation Way,
Florida State University
Tallahassee, Florida, USA 32306-1493
Phone number: (850)-264-3916
Email address: oos17@my.fsu.edu

Professional Preparation

- 2017-Present **Ph.D.**, Nutrition and Food Sciences, Department of Nutrition, Food and Exercise Sciences, Florida State University, Tallahassee, FL, USA.
- 2015–2017 **M.S.**, Agricultural Science, College of Agriculture and Food, Florida Agriculture and Mechanical University, Tallahassee, FL, USA.
- 2014–2015 MoU, B.Tech. College of Agriculture and Food Sciences, Florida Agriculture and Mechanical University, Tallahassee, FL, USA.
- 2010–2014 **B.Tech.**, Food Science and Technology, School of Agriculture and Agricultural Technology, Federal University of Technology, Akure, Ondo, Nigeria.

Research Experience

2017 – Present Graduate Research Assistant, Department of Nutrition, Food and Exercise Sciences, Florida State University, Tallahassee, FL, USA

Research:

- Planned, modified, and executed research techniques, procedures and tests for isolation of pulse starch.
- Maintained and calibrated equipment for precision and accuracy.
- Prepared materials for reports, presentations, and submission to peer-reviewed journal publications.
- Conducted research on functional properties, digestion, and nutritional classification of pulse starch.

2015 – 2017 Graduate Research Assistant, Center for Viticulture, and Small Fruit Research, Florida Agriculture and Mechanical University, Tallahassee, FL, USA

Research:

- Contributed to research and data analysis within the center for viticulture and small fruits research landscape.
- Planned, and executed research techniques, procedures, and tests for production of dietary antioxidant by cell culture of American native grapes.
- Collected, prepared and maintained wide range of biological samples (grape cell lines).
- Supervised undergraduate students working on research projects.
- Assisted with data collection to be used for potential academic publications.
- Presented results to field experts at Association of 1890 Research Directors, Inc.
- Worked with principal investigators to coordinate qualitative research into basic concepts of the development of biotechnological system for flavonoid production based on grape cell suspension.
- Directed students in performing and completing assigned tasks.

Teaching Experience:

2019 – Present Graduate Teaching Assistant, Department of Nutrition, Food and Exercise Sciences, Florida State University, Tallahassee, FL, USA

Class Taught

FOS3026 Foods Lecture (Fall 2019, Supervised Teaching)

- Food Chemistry.
- Assisted in administering of in-class examination.

HUN1201 Science of Nutrition (Fall 2019 - Present)

- Assisted in administering questions on Canvas
- Diet analysis project presentation
- Diet analysis project directions and supervision
- Grading of diet analysis project
- Total number of students (120)

Leadership Experience

2018 - Present **President** of College of Human Sciences Graduate Student Advisory Council (GSAC), Florida State University, Tallahassee, FL, USA

2018 - Present **Co-chair**, Funding and Grants, Graduate Student Ambassador, Florida State University, Tallahassee, FL, USA

Awards and Honors

2019 Florida State University, Wayne King Endowed Scholarship

2019 Florida State University, Pao-Sen Chi Memorial Scholarship Endowment

2019 COGS (Congress of Graduate Students) Travel Awards.
2018 Florida States University Dean's Scholarship.

Professional Affiliations

2019 – Present Purdue, Whistler Center for Carbohydrate Research.
2019 – 2020 FSU, Graduate Student Ambassador.
2019 – 2020 FSU, College of Human Sciences, Graduate Student Advisory Council.
2019 – Present FSU, Kappa Omicron Nu (KON).
2018 – Present FSU, Graduate Student Ambassador.
2018 – Present Member, Institute of Food Technologists.
2014 – 2015 Member, Florida A and M University, Food Science Club
2014 Regional president (Coordinator) for Nigerian Association of Food Science and Technology Students.

Certifications

2019 Florida State University, Program for Instruction Excellence (PIE), Teaching Training Recognition.
2019 Florida State University, Mentor Training Course (MTC).
2019 Florida State University, Student Government Association, Financial Certification.
2018 - 2019 CITI, Human Subject Research Training.
2015 Florida A and M University, Hazard Analysis Critical Control Point (HACCP) Certification.

Selected Online Certifications

2019 LinkedIn Learning, Managing your career: Early Career.
2019 LinkedIn Learning, Project Management Foundations: Teams.
2018 LinkedIn Learning, Package Design Project: Paperboard Food Packaging.
2018 LinkedIn Learning, Organizational Culture.
2018 LinkedIn Learning, Management Foundations: Advanced Applications.

Publications

Selected Presentations:

Oluwatoyin O. Sangokunle, Shridhar K. Sathe. Dry Bean Starch: Isolation and Select Physical Characterization. 2019, CHS Research Showcase, February 6, Tallahassee, Florida, USA

Oluwatoyin O. Sangokunle. Feasibility Study for Production of Dietary Antioxidant by Cell Culture of American Native Grapes (*Vitis aestivalis* Michx. Cynthiana cv.). 2017 Thesis Defense, April 27.

Oluwatoyin O. Sangokunle. Evaluation of Antioxidant Activities and Total Phenolic Content of *in-vitro* Cell Lines in American Native Grape (*Vitis aestivalis* Michx. Cynthiana cv.), 2017 Association of 1890 Research Directors.

Selected Abstract Publications:

Shridhar K. Sathe, Sahil Gupta, Valerie D. Zaffran, **Oluwatoyin Sangokunle**, and Tengfei Li. Legumes - Trypsin Inhibitors, Lectins (phytohaemagglutinins), and Tannins. 2019, AOCS Annual Meeting, May 5 – 8, St. Louis, Missouri, USA

Shridhar K. Sathe, Sahil Gupta, Valerie D. Zaffran, **Oluwatoyin Sangokunle**, and Tengfei Li. Protein Solubility. 2019, AOCS Annual Meeting, May 5 – 8, St. Louis, Missouri, USA

Oluwatoyin O. Sangokunle, Shridhar K. Sathe. Dry Bean Starch: Isolation, Select Proximate Composition, and Effect of Heat Treatment on Water and Oil Absorption Capacities, IFT Annual Conference, June 2 –5, New Orleans, Louisiana, USA.

Oluwatoyin O. Sangokunle, Shridhar K. Sathe, Dry Bean Starch: Isolation and Select Physical Characterization, 2019 CHS Research Showcase, February 6, Tallahassee, Florida, USA.

Oluwatoyin O. Sangokunle, V. Georgiev, T.T. Adeyewa, A. Ananga, V. Tsoлова, Evaluation of Antioxidant Activity and Total Phenolic Content of Invitro Cell Lines in American Native Grape *Vitis aestivalis* Michx. Cynthiana cv. 2017 Association of 1890 Research Directors, Atlanta, Georgia, USA.

Selected Peer-Reviewed:

Oluwatoyin Sangokunle, Shridhar K. Sathe, Prashant Singh, Pulse Starch – Selected Functional and Physicochemical Properties. 2019, Journal of Food Science (re-submission needed).