

AFE University Faculty Fellows

Academy of Faculty Enrichment | Virginia State University

Instructional Technology Faculty Fellow

Mrs. Wanda Velez

College of Natural and Health Sciences

Department of Biology

Project Title: Metacognition and Instructional Technology Resource Hub: A Scalable Faculty Development Model for Student Engagement and Success

Dr. Wanda Velez has been selected as the Instructional Technology Faculty Fellow for the Academy of Faculty Enrichment (AFE) Faculty Fellows Program. Her project, Metacognition and Instructional Technology Resource Hub: A Scalable Faculty Development Model for Student Engagement and Success, will develop a sustainable faculty resource hub that integrates metacognitive learning strategies, instructional technology, and active learning practices to enhance student engagement and academic success. Beginning with a pilot implementation in BIOL 120: Principles of Biology I, the initiative will create technology-enhanced learning resources, including metacognitive training modules, Canvas-ready templates, reflective learning tools, and interactive instructional activities designed to support face-to-face, hybrid, and online learning environments. Through collaboration with campus partners, faculty development workshops, and ongoing assessment, the project will strengthen faculty capacity to use instructional technology intentionally while equipping students with the skills needed to become more self-directed and successful learners. The long-term goal is to establish a scalable, institution-wide model that advances digital pedagogy, student success, and instructional innovation across disciplines.