Gi'Zelle L. Davis

I am an experienced Biology professor with over 14 years experience teaching human anatomy and physiology, microbiology and general biology at the college level. My research interests and projects include emotion regulation, DEI in higher education in STEM fields and mental health in STEM with a focus on underrepresented communities.

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EXPERIENCE WORK

BIOLOGY PROFESSOR 2008-CURRENT
HOUSTON COMMUNITY COLLEGE

- Design effective curriculum for lecture and laboratory materials involving Microbiology, General Biology, Nutrition,
- Biology for non –majors, and Anatomy and Physiology.
- Maintain a 100% approval rating from students and administrators, per SEOI (Student Evaluation of Instructor)
- Accountable for delivering lecture and laboratory material to students of all levels.
- Responsible for assigning appropriate grades according to HCC Policy and syllabus.
- Establish student to student relationships through group work and hands on tutorials.
- Responsible for translation of internal HCC requirements into feasible process and labor outputs, including attending
- lectures, recruiting events and research initiatives.
- Formally certified in Instructional Technology

SENIOR EDUCATIONAL SPECIALIST 2003-2008-MD ANDERSON CANCER CENTER

- Assess the health needs of people and communities.
- Develop and manage health education programs that help individuals, families, and communities maintain healthy lifestyles.
- Test the effectiveness of programs and educational materials.
- Help people find health services or information.
- Provide training programs for other health professionals or community health workers.
- Advocate for improved health resources, policies, procedures and services that promote health.
- Collect and analyze data to learn about a particular community to improve programs and services.
- Address Climate's Impact on Health
- Serve as a resource to assist individuals, other health professionals, or the community, and may administer fiscal resources for health education programs.
- Supervise staff who implement health education programs.
- Develop training programs for the admissions department and patient transportation department
- Evaluate all admissions and patient transportation staff for competence
- Department ALS, BLS PALS instructor
- Maintain training data base for over 150 employees
- JCAHO Senior Audit SPA

CHEMIST/ ABS ENGINEERING LEAD AND DEI LEAD - 1999-2002 ALUMINA COMPANY OF AMERICA - POINT COMFORT, JAMALCO AND BRAZIL OPERATIONS

- Responsible for collection, analysis, interpretation and reporting of data gathered from process area and deposit samples covering air, water and solid waste.
- Diversity Chair responsible for recruiting students to our organization through recruiting/career events Responsible for continued development of new recruits through training utilizing the adult learning theory Conducted technical consulting with internal and external customers as well as management.
- Prioritized projects based on criticality, business plan objectives and employee skill level.
- Accountable for designing marketing materials for recruiting events Responsible for global recruitment in engineering, HR and technical positions
- Assigned to be chemist lead for both upstream and downstream process sampling. Provided career counseling, succession planning and exit strategies through Human Resource functions
- Provide Chemical product support and customer service training for designated departments.
- Ensured external customer concerns were addressed with regard to corrective and preventive action process. Performed quality, safety, environmental and financial audits.
- Conducted problem solving and process improvement field training from executive level to shop floor. Piloted new and innovative learning theories in every process area both on a domestic and global scale.
- Plant – wide training Coordinator support specialist and management back up for intense root cause problem solving, diversity and inclusion

EDUCATION

MCNEESE STATE UNIVERSITY

- Biology
- Chemistry

Bachelor of Science Degree

UNIVERSITY OF HOUSTON VICTORIA

- Bioinformatics and Forensic Pathology

MAIS

- Business Administration

MBA

SPECIAL SKILLS/AWARDS/COMMITTEES

- Faculty Mentor Louis Stokes B2B Alliance - HCC
- Visiting Faculty - Rice University
- Harris County Community College Alliance
- Excellence in Teaching Award - National Society for leadership and Success
- Appointed Associate Chair- Biology Division Houston Community College -HCC
- Diversity and Inclusion Committee - HCC
- Rigor Committee - HCC
- Sabbatical Committee - HCC
- Human Anatomy and Physiology faculty hiring committee - HCC
- Human Anatomy and Physiology Program committee - HCC
- Rice University TSCAN laboratory committee - Rice University BRC
- NISOD award committee
- Teaching Excellence Award Nominee HCC
- - iURBAN teen student advisor