

Curriculum Vitae

Felecia McInnis Nave

fmnave@alcorn.edu – (601)877-6111

ADMINISTRATIVE PROFILE

Visionary and innovative leader with success working and leading in complex collegiate environments including, land-grant, liberal arts, comprehensive, urban, and suburban/rural. Experience in student success and completion, strategic planning, academic program and faculty development, research generation, alumni and governmental relations, facilities planning, regional and specialized accreditation efforts, revenue generation and resource alignment, outcomes assessment, enrollment management, and compliance initiatives. Extensive experience working in and leading environments that are diverse in academic, socioeconomics, and culture.

EDUCATION

2005 Ph.D. in Engineering, Department of Chemical and Environmental Engineering, University of Toledo, Toledo, Ohio **Dissertation Title:** *Impact of Mobile Phase Parameters on the Transport Properties of Proteins in Immobilized Metal Affinity Hydrogel Membranes.*

2001 M.S. in Chemical and Environmental Engineering, Department of Chemical & Environmental Engineering University of Toledo, Toledo, Ohio

1996 B.S. (cum laude) in Chemistry, Alcorn State University, Lorman, Mississippi

ADMINISTRATIVE APPOINTMENTS

2019-present

President and IEO - Alcorn State University

Alcorn State University, Lorman, MS Institutional Executive Officer responsible for the University's 700+ full-time and part-time employees, nearly 3600 students, approximately \$100 M budget and all strategic, fiscal, and operational initiatives. As delegated by the Board, the President has the authority to administer the policies and programs of the institution, serves as the official representative and spokesperson for the University in all administrative relations with state, regional and national organizations and agencies as a representative of the Board, responsible for keeping its expenditures strictly in compliance with the budgetary authorizations of the Board and within the limitations provided therein, make recommendations regarding the educational policy and academic standards of his/her institution, recommend for election by the Board all employees and faculty members of his institution, authority to fill the vacancy when the salary outlay is within the budget appropriations provided for such positions in an emergency, maintain appropriate standards of conduct of students, and is authorized to expel, dismiss, suspend, and place limitations on continued attendance, and to levy penalties for disciplinary violations, subject to procedures of due process.

2018 – 2019

Provost & Vice Chancellor for Academic Affairs

North Carolina Central University, Durham, NC Chief academic officer accountable for the University's 564 full-time and part-time faculty, 450+ professional and administrative staff, 8,207 students, approximately \$70 M budget and all strategic, fiscal, and operational initiatives. Main responsibilities and accomplishment include, but not limited to:

- Serve as chief academic officer. Develop, manage and provide oversight for all academic degree programs at North Carolina Central University. The current portfolio for NCCU includes 7 colleges/schools (1 professional school – Law School) with 8,207 students, including 6400+ undergraduates and 1800+ graduate students
- Provide leadership of the existing inventory of degree programs, development of new degree programs and fully online programs, ensuring academic rigor and integrity, and overseeing program and accreditation reviews, regional and specialized
- Oversee scholarship and key research activity for the University in collaboration with the Associate Vice Chancellor for Research and Sponsored Programs. Collaborate to establish research productivity goals, increase support and provisions from central and school/college level resources, determine strategic priorities and identify innovative research initiatives/opportunities
- Provide budget management and oversight for all units reporting to the Division of Academic Affairs
- Provide oversight of athletic academic advising and work in collaboration with athletic compliance
- Executing fundraising activities, expanding external partnerships, and growing alumni relations
- Oversee and manage all student services functions including recruitment, admission, registrar, financial aid, and academic engagement and student success
- Work with internal Office for General Council for all legal matters that involve the Academic Division
- Serve in the President's absence

DIRECT REPORTS

Associate Vice Chancellors

- Associate Vice Chancellor for Faculty Resources/Affairs
- Senior Associate Vice Chancellor for Enrollment Management
- Associate Vice Chancellor for Institutional Research, Effectiveness, and Planning
- Associate Vice Chancellor for Innovative, Engaged, and Global Education
- Associate Vice Chancellor for Academic Budget and Personnel

Associate Provost

- Associate Provost for Academic Programs

- Associate Provost and Dean of Graduate Studies
- Associate Provost and Dean of Research

Deans

- School of Law
- College of Arts & Sciences
- School of Business
- School of Education
- College of Behavioral and Social Science
- School of Library and Information Science
- Graduate Studies

Other

- SACSCOC Liaison
- QEP Director
- Art Director

2018

Director, Special Initiative for Faculty Development

Prairie View A&M University, Prairie View, TX

Charged by the new President to spearhead a special initiative to envision, organize, lead and direct an innovative and transformative program that would support faculty members in different disciplines, of different scholarly interests and talents, at different stages of their careers to grow, develop and excel in their professional responsibilities in teaching and scholarship.

2014 – 2017

Provost and Senior Vice President for Academic Affairs (SACSCOC)

Prairie View A&M University, Prairie View, TX Chief academic officer accountable for the University's 430+ full-time and part-time faculty, 350+ professional and administrative staff, 9150 students, \$100 M budget and all strategic, fiscal, and operational initiatives. Main responsibilities included, but not limited to:

- Served as chief academic officer. Developed, managed and provided oversight for all academic programs at Prairie View A&M University. The portfolio included 8 colleges and schools with 9,150 students (7800 UG and 1350 GR)
- Provided leadership of the academic programs, development of new academic and online programs, ensured academic rigor and integrity, and oversight of program and accreditation reviews
- Oversight of scholarship and key research activity for the University in collaboration with the Vice President for Research and Sponsored Programs. Collaborated to establish research productivity goals, increased support and provisions from central and school/college level, identified strategic priorities and innovative research initiatives/opportunities
- Provided budget management and oversight for all units reporting to the Provost, including revenue generation
- Managed the university's outreach activities and oversight of statewide

- extension and juvenile traineeships programs offered by the University
- Oversight and management of all student services functions including recruitment, admission, registrar, financial aid, and academic engagement and student success
- Worked with TAMU System Office for General Council for all legal matters that involved the Academic Division
- Managed internal and global affairs academic requirements reportable to the system and state
- Oversight and management of the creation, revision, and implementation of academic policies and procedure such as tenure and promotion, faculty evaluation, complaint and appeal, stop-the-clock, etc.
- Oversight of the academic technology strategy and operations including information security, facility planning, data and analytics
- Served in the President's absence

DIRECT REPORTS

Associate/Assistant Vice Presidents

- Associate Vice President for Academic Fiscal Affairs
- Associate Vice President for Enrollment Services
- Assistant Vice President for Institutional Research and Effectiveness (including Accreditation)
- Assistant Vice President for Academic Engagement and Student Success

Associate Provost

- Associate Provost for Undergraduate Programs/Academic Programs
- Associate Provost and Honors
- Associate Provost

Deans

- College of Agriculture
- Brailsford College of Arts & Sciences
- School of Architecture
- College of Business
- Whitlowe R. Green College of Education
- Roy G. Perry College of Engineering
- College of Juvenile Justice & Psychology
- College of Nursing
- John B. Coleman Library

Executive Directors and Directors

- Financial Aid & Scholarships
- Academic Technology
- Center for Innovative Teaching and Technology Services (Distance Learning)
- Center for Teaching Excellence
- Undergraduate Medical Academy
- Northwest Houston Center

Other

- Webmaster
- Communication Specialist

Major Collaborative Institutional Accomplishments:

Created and launched key initiatives to transform the academic culture of PVAMU.

- Forged ahead with ambitious plans to create exceptional undergraduate and graduate instructional experience while improving retention and time to degree
 - Conducted 360 academic program reviews of colleges and initiated realignment based on report findings
 - Initiated a phased plan to hire 40 new tenured/tenure-track faculty including diversifying faculty profile. Established the framework to hire professionals of practice to support greater coverage and course offerings
 - Revamped the freshman year experience including changes in orientation, advising, and onboarding
 - Revamped academic advising services which included a proposal to hire 20 new professional advisors. Hired a director of academic advising, retention coordinator, and implemented online advising tools
 - Restructured to add the Office for Academic Engagement and Student Success, including adding a director student support services, online tutoring, retention committee and retention plan, as well as proposal to hire a social worker to employ a case worker approach to intrusive advising and mentorship
 - Increased summer enrollment as a strategy to shorten time to degree completion by offering more courses and online classes, established funding resources to support students within 3-6 hours of completing 30 or 60 hours
 - Increased total online course offerings as well as overall SCH generated per semester.
 - Simultaneously began revamping online course process to include use of Quality Matters
 - Developed new pathways to degree completion with area community colleges in order to streamline degree sequencing and ensure a more seamless transfer into the University
 - Spearheaded signing of 17 MOUs with area independent school districts
 - Expanded the Office for Institutional Research to include more data analytics to aid in assessment and data driven implementations/reviews
 - Revamped and expanded Distance Learning services in conjunction with the new Office for Academic Technology to support greater infusion of technology in delivering curriculum and improving student engagement
 - Lead the development of the first ever Academic Master Plan and a more comprehensive Enrollment Management Strategic Plan in support of attracting more academically talented students
 - Made significant investments in the Arts, ~\$2M. This investment supported the purchase of 18 USA made Steinway pianos earning the designation of an “all Steinway” school, expansion of our Marching Band which was selected as the only HBCU to perform in the 2017 Macy’s Day Parade (and other exceptional honors), etc. Worked with team to raise ~\$550,000 to support Band participation

Technology

- Created the Office for Academic Technology to better align and leverage technology resources, streamline processes, and increase utilization
- Secured \$1M to substantially update the classrooms in all academic buildings
- Reallocated \$500K to update technology solutions and acquire new solutions that improved enrollment services, tracking, and analytics

- Secured ~\$1M to design a digital innovation center to support student creativity and enhance the educational experience

Increased research productivity

- Expanded summer undergraduate research program campus wide. Program also included undergraduate research for high school students. The program supported over 200 UG and high school students and 25 faculty
- Launched an undergraduate research journal “*Pursue*” open to submissions nationwide and available in print and online. Released first issue in 2017 and second issue in 2018
- Creation of MACH-III Center in the College of Education to strengthen the doctoral program and expand opportunities for faculty growth and development

Strategic Planning Leadership

- Worked collaboratively with the leadership team on designing, executing, and assessing University strategic plan
- Led first ever Academic Master Plan and revised the Strategic Enrollment Management
- Adoption of multiple 2 + 2 articulations with area community colleges and 4 year institutions
- Worked collaboratively with Marketing and Communication to update and redesign Academic Divisions Website
- Created a monthly Newsletter called “Academic Insights” to increase communications with various stakeholders

Student Success and Program Leadership

- Led PVAMU through three consecutive years of enrollment growth. The University experienced an ~ 11% total enrollment increase, which included record freshman classes in 2016 & 2017. The freshman enrollment grew by ~13%, while transfer enrollment grew by ~15%.
- Increased the number of online programs from 4 to 9 and oversight of proposed my PVonline
- Restructured and created Office for Academic Engagement and Student Success
- Creation of a comprehensive university retention and progression plan, including the development and implementation of a freshman success course and a comprehensive academic advising plan

Faculty and Staff Leadership

- Supporter of shared governance
- Completed workforce management plan that resulted in a 2% increase in all tenured/tenure-track faculty salaries, faculty start up program, new annual evaluation instruments, compensation philosophy, and voluntary separation program
- Significantly increased faculty development and sabbatical dollars awarded to faculty
- Revision of the University Tenure and Promotion Guidelines and Annual Evaluation Guidelines and 10+ other policies and procedures
- Strong believer in consensus building and working collaboratively with faculty/staff

Resource and Institutional Effectiveness Leadership

- Responsible for all aspects of SACSCOC accreditation, including outcomes assessment efforts
- Responsible for all aspects of the Texas A&M University System Academic Metrics and assessment
- Improved efficiency and effectiveness of Academic Affairs, including development of multi-mode training modules for major areas reporting to the Provost

2010 – 2014

Associate Provost & Associate Vice President for Academic Affairs,

Prairie View A&M University, Prairie View, TX University maintained 415+ faculty, 325+ professional and administrative staff, and approximately 8500 students. Associate Provost/Associate Vice President was responsible for:

- Evaluating and assessing student learning outcomes and curricula
- Overseeing University enrollment and student support services (i.e. academic advising, retention, academic technology and registration, etc.)
- Performing administrative reviews of the academic units, identifying and implementing on-going operational effectiveness initiatives, and developing and implementing of initiatives aimed at general student success
- Managing the University Admissions and Academic Standards Committee, the University Academic Council, Institutional Effectiveness Council, and Complaint and Appeals Committees

Accomplishments:

- Worked with leadership to design and implement processes that focused on improving retention and graduation rates, decreasing grade inflation, and improving student academic support services at the College and University level
- Oversight of the process to receive University, TAMUS Board, and Texas Higher Education Coordinating Board approval and implementation of new Core Curriculum
- Secured revenue stream of more than \$700,000 per year to support the Office for Academic Affairs
- Strengthened academic support services through the \$1M expansion of the testing center, tutoring center, and distance education
- Facilitated the implementation of two new content management systems to support the production of the undergraduate and graduate catalogs (Leapfrog) and University as well as discipline specific assessment (Task Stream) system
- Facilitated the implementation of a new course assessment system and student grievance process, which improved customer service, efficiency, and functionality in the Office for Academic Affairs
- Coordinated professional development diversity workshops for female STEM faculty and administrators

2009-2010

Interim Assistant Dean, Roy G. Perry College of Engineering

Prairie View A&M University, Prairie View, Texas College maintained approximately 80 faculty/staff and approximately 1200 students. Assistant Dean was responsible for:

- Cultivating internal and external partnerships
- Managing existing student programs and activities and implementing new dynamic and innovative programs to support the academic and professional development of engineering, computer science, and technology students
- Oversight of recruitment of undergraduate and graduate students and retention initiatives

- Securing funding to support student scholarships, professional development, and international activities
- Managing student support services (scholarship program, awards programs, summer programs, freshman experience course, academic advising and career planning, etc.)
- Serving as advisor for the Society of Women Engineers (SWE) and establishing a chapter of the Society of Hispanic Professional Engineers (SHPE).
- Writing and overseeing implementation of standard operating procedures for new initiatives and revising existing policies and procedures.
- Managing all summer programs offered under the College umbrella.

Accomplishments:

- Served as PI for the Prairie View A&M University/Texas A&M University NSF ADVANCE PAID project. The project focused on providing leadership and professional development activities for female faculty at the 14 HBCUs with ABET accredited Colleges or Schools of Engineering
- Revamped the college summer bridge program and increased participation by approximately 40%. Implemented training and conducted workshops to assist PIs with understanding University guidelines and processes and coordinating successful summer programs
- Implemented a retention program that resulted in ~43% increase in freshman to sophomore retention rate based on 2008
- Worked with the leadership to implement a recruitment strategy that resulted in a ~40% increase in College enrollment 2008-2010
- Served as Co-PI (primary author) for the NACME Block grant renewal totaling \$168,000
- Established the Society of Hispanic Engineers to support the College's growing Hispanic population
- Developed and revised the marketing and recruitment materials for the College
- Published the first College of Engineering Newsletter and established the College of Engineering Celebration of Excellence Dinner

FACULTY APPOINTMENTS

2019-present

Professor of Chemistry(Tenured)

Alcorn State University, Lorman, MS

2018-2019

Professor of Chemistry(Tenured)

North Carolina Central University, Durham, NC

2014 – 2018

Professor of Chemical Engineering (Tenured)

Prairie View A&M University, Prairie View, Texas

- Received more than \$8.5M in external and internal funding to support research and educational activities

2009- 2014

Associate Professor (Tenured)

Prairie View A&M University, Prairie View, Texas Responsibilities include full-time instruction at the undergraduate and graduate level for the Chemical Engineering Department and College of Engineering core courses.

Accomplishments

- Received more than \$3M in external and internal funding to support research and educational activities
- Revamped the Bioengineering concentration
- Developed Introduction to Chemical Engineering course
- Established Society of Biological Engineers to support Bioengineering concentration and student success
- Strengthened PVAMU partnership in the Synthetic Biology(SynBERC) Research Center with MIT, Berkley
- Coordinated professional development workshops on graduate school in partnership with GEM

2008 – 2018

Texas A&M University Graduate Faculty

Texas A & M University System Responsibilities include participation in graduate education at A&M System universities through serving on graduate committees, advising graduate students, and teaching graduate courses.

2003 – 2009

Assistant Professor (Tenure-track)

Prairie View A&M University, Prairie View, Texas Responsibilities included full-time instruction at the undergraduate and graduate level for the Chemical Engineering Department and College of Engineering core courses.

Accomplishments:

- Lead the development and implementation of a “new” Bioengineering concentration in the Department of Chemical Engineering – effective fall 2008
- Secured \$1.6M in external and internal funding to support research and educational activities
- Served as the advisor for the Society of Women Engineers. Revitalized the chapter and increased membership by 100%

Summer 2006

Michael E. DeBakey Institute Summer Research Fellow

Texas A&M University, College Station, TX

Summer 2004

Visiting Teaching Scholar

University of Missouri-Columbia Southwestern Bell Science Education Center, Columbia, MO

OTHER ADMINISTRATIVE APPOINTMENTS

- 2006 – 2008** **Program Coordinator, STEM-Prep Enrichment Camp**
Prairie View A&M University, Prairie View, Texas
- 2005 – 2010** **Freshman Faculty Advisor, Department of Chemical Engineering**
Prairie View A&M University, Prairie View, Texas
- Summer 2005** **Chemistry Coordinator, Pre-College Institute Summer Program**
Prairie View A&M University, Prairie View, TX
- Summer 2004** **Professional Development Coordinator, Minority Introduction to**
Summer 2003 **Engineering and Science (MITES) Summer Program**
Prairie View A&M University, Prairie View, Texas
- 2003 – 2005** **Freshman Faculty Coordinator, College of Engineering**
Prairie View A&M University, Prairie View, Texas
- 2009 Nominated for the National Society of Women Engineers Faculty Advisor Award
 - 2009 Recipient of the Prairie View A&M University Student Organization Advisor of the Year

BOARD AND TRUSTEESHIPS

National

- Executive Council, SACSCOC
- Trustee, SACSCOC
- Member, 1862/1890 USDA Taskforce
- Member, Association of Women In Science (AWIS), 2018 – present
- Member, AASCU Student Success Committee
- Member, ETS
- Member, SWAC Council of Presidents

State

- Mississippi Education Attainment Council
- Governor's Taskforce on Workforce Development

Local/IHL

- Member, Ayer's Endowment Management Committee

BOARD MEMBERSHIPS

- Member, American Association for Blacks in Higher Education (AABHE) Board, 2012 – 2015
- University of Virgin Island External Advisory Board, 2015 - 2019
- North Carolina A&T ADVANCE-IT External Advisory Board, 2015 - 2019
- University of Houston ADVANCE-IT
- Jackson State University ADVANCE-IT External Advisory Board, 2012-2018
- Purdue Women of Color Conference, Planning Committee, Spring 2012

AWARDS AND HONORS

- 2019 University of Toledo Department of Chemical Engineering Outstanding Alumna Award
- 2017 AICHE MAC Eminent Scholars Award
- 2015 Top 30 Influential Women of Houston Award
- 2015 Who's Who In Black Houston
- 2013 *Diverse Issues* Emerging Scholars Under 40
- 2009 Nominated for the National Society of Women Engineers Faculty Advisor Award
- 2009 Recipient of the Prairie View A&M University Student Organization Advisor of the Year
- 2008 Invitee to the Louis Stokes Council of Opportunity in Education Policy Summit
- 2008 Recipient PVAMU College of Engineering Outstanding Service Award 2008 Prairie View A&M University Spotlight Women History Month
- 2008 Nominee for the PVAMU College of Engineering Outstanding Teacher Award
- 2006 Recipient of the Carl Storm Underrepresented Minority Fellowship Travel Award to the Gordon Research Conference –Membranes: Materials & Processes, Colby & Sawyer, New London, New Hampshire
- 2006 Recipient of the Texas A&M University Michael E. DeBakey Institute Summer Fellow
- 2005 Recipient Multi-Cultural Teaching Scholars Program, Visiting Scholar in the Southwestern Bell Science Education Center at the University of Missouri-Columbia

PUBLICATIONS (**Indicates publications submitted and/or completed with undergraduate/ graduate students)

Referred Journals

1. Rice, D., Bonner, F., Lewis, C., Alfred, M., **Nave, F.M.**, Frizell, S. (2016) Reversing the Tide in Science, Engineering, Technology and Mathematics (STEM): Academically Gifted African American Students in Historically Black Colleges & Universities. *Journal of Research Initiatives* 2(1).
2. Thompson, A., **Nguyen, D., **Nave, F.M.** (2013) Characterization of PVA-IDA Hydrogel Cross- linked with 1.25%, 2.5% and 5% Glutaraldehyde. *GSTF International Journal of Chemical Sciences*. 2013:1(1).
3. **Nave, F.M.**, Thompson, A., **Kirksey, V. (2013) Functionalization and Characterization of Immobilized Metal Affinity Hydrogel Membranes. *GSTF Journal of Engineering Technology*: 2(1).
4. Cui, S., Wang, Y., Yang, Y., **Nave, F.M.**, Harris, K. (2011). Connecting Incoming Freshman with Engineering Through Hands-On Projects. *American Journal of Engineering Education*, Vol. 2, No. 2.
5. Nafukho, F., Bonner, F., & **Nave, F.M.** (2010). Career Behavior Strategies for Minority Students in Adult Education, Career and Technical Education, Human Resource Development and STEM Disciplines *International Journal of Vocational Education and Training Volume 18, Issue 2*.
6. Frizell, S. & **Nave, F.M.** (2009). Increasing the Retention of Females of Color in Engineering and Technology Degree Programs through Professional Development Activities *Journal of Systemics, Cybernetics and Informatics*, Vol. 7.
7. Bonner, F., Alfred, A., **Nave, F.M.**, Lewis, C., & Frizell, S. (2009). Historically Black Colleges and Universities (HBCUs) and Academically Gifted Black Students in Science, Technology, Engineering and Mathematics (STEM): Discovering the Alchemy for Success. *Journal of Urban Education: Focus on Enrichment*, Vol.6, No .2.
8. **Nave, F.M.**, Y.Z. Luo, and M. R. Coleman. (2008) "Impact of Mobile Phase Parameters on Transport Properties of Metal Affinity Hydrogel Membranes", *Separation Science and Technology*, 43, Issue 16, 4075-4098.
9. **Nave, F.M.**, Frizell, S, Cui, S., Obiomon, P., & Perkins, J. (2008). Charting the Course: The Impact and

Implications of the Mentoring Experiences of Female Faculty in the College of Engineering at a HBCU. *Faculty Resource Network Online Journal: Advancing Women and Minorities in the Academy*.

10. Jennings, M., Bonner, F., Lewis, C., & **Nave, F.M.** (2007). The historically black college and university: A question of relevance for the African American millennial college student? *National Association of Student Affairs Professionals (NASAP) Journal*, 10(1).

Book Chapters

1. **Nave, F.M.**, Kommalapai, R, Thompson, A. (2018) Osmotically Driven Membrane Processes. Osmotically Driven Membrane Processes-Approach, Development and Current Status. ISBN 978-953- 51-3922-5, InTechOpen Publishing.

2. **Nave, F.M.**, Bonner, F., Lewis, C., Frizell, S., Parker, A., McFrazier, M., Robinson, P. (2016) African American Students' Academic Achievement in STEM at HBCUs: *Faculty Perceptions on the Contributing Factors for Academic Success*.

3. **Lewis, C., Bonner, F., Rice, D., Cook, H., **Nave, F.M.**, Frizell, S. (2011) African American, Academically Gifted, Millennial Students in METS Disciplines at Historically Black Colleges and Universities (HBCUs): Factors that Impact Successful Degree Completion. In W. F. Tate & T. Frierson (Eds.), *Beyond Stock Stories and Folktales: African Americans Paths to STEM Fields*. UK: Emerald Group Publishing.

4. Nafukho, F., Bonner, F., & **Nave, F.M.** (2009). Career Behavior Enhancement Strategies for Minority Students in Adult Education, Career and Technical Education, Human Resource Development and STEM Disciplines. *Definitive Readings in the History, Philosophy, Practice and Theories of Career and Technical Education*. Zhejiang University Press.

White Paper

1. Bonner, F., Nafukho, F., **Nave, F.M.**, and Green, L. (2011) The Houston Works USA STEM Institute: Bridging the "Gap" in Regional Workforce Participation. *Houston Works*

Proceedings

1. **Nave, F.** & Thompson, A. (2012) Characterization and Comparison of Hydrogels Anchored with a Tridentate, Tetradentate and Pentadentate Chelators. *Proceedings of Euromembrane Conference* (London, England, September 25, 2012).

2. **Nave, F.** (2011) Role Peers and Family Play in the Retention of African-American Students in Engineering at HBCUs. *Proceedings of 2011 Understanding Interventions Conference for Broadening Participation* (Nashville, TX, May 27-29).

3. **Bonner, F., **Nave, F.**, Frizell, S., Villa, C., and Cook, H. (2009). Internal Motivation as a Factor for the Success of African-American Engineering Students enrolled in a Historically Black College and University (HBCU). *Proceedings of the 2009 ASEE Annual Conference & Exposition*, Austin, TX.

4. Bonner, F., Alfred, A., **Nave, F.**, Lewis, C., & Frizell, S. (2009). Historically Black Colleges and Universities (HBCUs) and Academically Gifted Black Students in Science, Technology, Engineering and Mathematics (STEM) disciplines at Historically Black Colleges and Universities. *Proceedings of the Excellence in Education 2008: Future Minds and Creativity Conference* (pp. 749-761), International Centre for Innovation in Education (ICIE), Ulm, Germany.

5. **Nave, F.**, Gyamerah, M., & Osborne-Lee, I. (2008). Targeted Infusion Project: Implementation of a Bioengineering Concentration in the Department of Chemical Engineering at Prairie View A&M

University. *Proceedings of 2008 Centennial American Institute of Chemical Engineering Annual Conference* (Philadelphia, PA, November 16-21, 2008).

6. Nave, F. & Frizell, S. (2008). Leaving: A Preliminary Assessment of Why Minority Students Leave Chemical Engineering. *Proceedings of 2008 Centennial American Institute of Chemical Engineering Annual Conference* (Philadelphia, PA, November 16-21, 2008). **Invitation Only Panel Session**

7. Frizell, S., & Nave, F. (2008). Work in Progress – Reexamining the Problem of Engineering Persistence of African-American Students. *Proceedings of 38th ASEE/IEEE Frontiers in Education Conference*. (Saratoga Springs, NY, October 2008).

8. Frizell, S. & Nave, F. (2008). Increasing the Retention of Females of Color in Engineering and Technology Degree Programs through Professional Development Activities. *Proceedings of The 6th International Conference on Education and Information Systems, Technologies and Applications: EISTA 2008* (Orlando, FL, July 2-4, 2008). **Best Paper Award in the session 'Educational Research, Theories, Practice and Methodologies'**.

9. Bonner, F., Alfred, M. Nave, F., Lewis, C., & Frizell, S. (2008). Educating African-American Gifted and Talented in STEM programs at HBCU's. *Proceedings of The International Centre for Innovation in Education (ICIE) Conference* (Paris, France, July 2-4, 2008).

10. Nave, F., Gyamerah, M., & Osborne-Lee, I. (2008). Development of a Bioengineering Concentration in the Department of Chemical Engineering at Prairie View A&M University: Outcomes and Lessons. *Proceedings of the American Society of Engineering Education 2008 Conference* (Pittsburgh, PA, June 2008).

11. Frizell, S. & Nave, F. (2008). An Investigation of Factors Affecting the Persistence of African-American Women in Engineering Degree Programs. *Proceedings of the American Society for Engineering Education 2008 Conference* (Pittsburgh, PA, June 2008).

12. Nave, F., Frizell, S., Cui, S., Obiomon, P., & Perkins, J. (2006). Prairie View A & M University: Assessing the impact of the STEM-Enrichment Program on Women of Color. *Proceedings of Women in Engineering Programs and Advocates Network Proceedings* (Pittsburgh PA, June 2006).

PRESENTATIONS

Refereed Presentations

1. Bonner, F., Nave, F., Alfred, M., Lewis, C., Frizell, S. (2008). Academically Gifted Black Students in Science, Technology, Engineering, and Mathematics. *Texas Association for the Gifted & Talented 31st Annual Professional Development Conference* (Dallas, TX, November 12-14, 2008).

2. Bonner, F., Nave, F., Alfred, M., Lewis, C., & Frizell, S. (2008). An Empirical Investigation of the Success Factors Influencing Academically Gifted (High-Achieving) African American Student Success in Science, Technology, Engineering, and Mathematics (STEM) disciplines. *55th Annual Convention of the National Association for Gifted Children* (poster, Tampa, Florida, October 30-November 2, 2008).

Presentations

1. Nave, F. (2018) Developing Diverse Leadership in Sustainability. Planet Forward Conference. April 4, 2018.

2. Thompson, A., Frizell, S., Williams, R., and Nave, F. (2018) Experiential and Collaborative Learning to promote Careers in Engineering. *Proceedings of the 2018 ASEE Gulf-Southwest Section Annual Conference*, University of Texas at Austin, April 4-6, 2018.

3. Nave, F. and Williams, R. (2017) Sister Outsider Within: Advancing Black Women Faculty at Historically Black Colleges and Universities. STEM Gender Equity Congress. June 2017 Berlin, Germany.

4. Thompson, A., Moore, Q., Nave, F. (2016) PVA-PSf Membrane Synthesis for Water Filtration. *ECI*

Advanced Membrane Technology Conference VII. September 2016. Cork, Ireland.

5. **Enyinnia, S., Moore, Q. Thompson, A., **Nave, F.** (2016) Synthesis of PVA-Cellulose Acetate Composite Membranes with Silver Attached for Biofouling Resistance. *ECI Advanced Membrane Technology Conference VII*. September 2016. Cork, Ireland.
6. **Salgado, A., Thompson, A., **Nave, F.** (2014) Development of Polyvinyl Alcohol Hydrogels for Protein Drug Delivery System, *AIChE Annual Conference*, November 2014, Atlanta, GA.
7. **Salgado, A., Thompson, A., **Nave, F.** (2014) The Characteristics of Protein Incorporated within Poly (vinyl alcohol) Hydrogel Matrix. *NOBCCChE Annual Conference*. September 2014, New Orleans, LA.
8. **Miles, J., Thompson, A., **Nave, F.** (2014) Development of PVA-Cellulose Acetate Ultrafiltration Composite Membranes for Water Desalination. May 2014 *NAMS Annual Conference*, Houston, TX
9. Bonner, F, **Nave, F.**, Banda, R., Flowers, A. (2014) Identifying the Factors for Success: Academically Gifted (High-Achieving) African American and Latino Student Success in Engineering. *The Hawaii International Conference on Education* (Wakkikii, Hawaii, January 5-9, 2014).
10. **Miles, J., Thompson, A., **Nave, F.** (2013) Hybrid Composite Asymmetric Bi-Layer PVA-Cellulose Acetate Ultrafiltration Membranes for Water Desalination. October 2013 *AIChE Annual Meeting - (187) Membranes and Polymer-Based Separation Sessions in Honor of Prof. Benny Freeman II*, San Francisco, CA.
11. **Nave, F.**, Bonner, F, Lewis, C, Frizell, S., and Alfred, M. (2013) Social Capital & STEM Education. *American Educational Research Association Annual Conference* (San Francisco, CA, April 27-May 1).
12. Grant, C. **Nave, F.** Escobar, I. (2013) More than a Data Point. *Keeping Our Faculty of Color Conference IV* (Minneapolis, MN, April 14-16).
13. **Nave, F.** and Bonner, F. (2012) Academically Gifted African American College Students in STEM: Factors of Success in Black Colleges. *International Science and Technology Conference* (Dubai, United Arab Emirates, December 13-15).
14. **Nave, F.** (2012) Successful Strategies for Managing a Family and a Career in Academic. *Society of Women Engineers* (Houston, TX, November 8-12). **Panel**
15. **Nave, F.** (2012) Small Changes, Major Impact: Strategies for increasing scholarly productivity of female faculty at HBCUs. *Historically Black College University Faculty Network* (Orlando, FL, October 18-21).
16. **Nave, F.** and Thompson, A. (2012) Characterization and Comparison of Hydrogels Anchored with a Tridentate, Tetra dentate and Pent dentate Chelators. *Euro membrane Conference* (London, England, September 23-27).
17. Bonner, F. and **Nave, F.** (2012) Academically gifted African American College students in science, technology, engineering and mathematics: Identifying factors for success. *30th International Congress of Psychology* (Cape Town, South Africa, July 22-27, 2012).
18. **Nave, F.** (2012) Delivering an Effective Poster Presentation. *North American Membrane Society Annual Conference* (New Orleans, LA June 8-11).
19. **Nguyen, D., Harris, D., Thompson, A., and **Nave, F.** (2012) Characterization of Thin Film Poly (vinyl alcohol) Hydrogels with Different Immobilized Ligand Groups. *North American Membrane Society Annual Conference* (New Orleans, LA, June 9-12).
20. **Masood, Amir, Thompson, A., and **Nave, F.** (2012) Impact of N- (2-hydroxyethyl) ethylenediamine N-N'-N'-triacetic acid (HEDT) on Properties of Membrane based Immobilized Metal Affinity. *TAMUS*

- 2012 *Louis Stokes Alliance for Minority Participation Symposium* (Kingsville, TX, March 22-24). 2nd place
21. **Kirksey, Veniece, Thompson, A., and Nave, F. (2012) Characterizing Solubility in Metal Affinity Hydrogel Membranes with Nitrilotriacetic acid – Nickel. *2012 Emerging Researchers National (ERN) Conference in STEM* (Washington, DC, March 22-24).
 22. **Harris, D., Thompson, A., and Nave, F. (2012) Characterization of Mobile Phase Parameters using Hydrogel Membranes with Metal Affinity for Protein Purification *2012 Emerging Researchers National (ERN) Conference in STEM* (Washington, DC, March 22-24).
 23. Nave, F. (2012) Developing and Maintaining Undergraduate Research at a Predominately Teaching Institution. *Council on Undergraduate Research* (Trenton, New Jersey, April 23-25).
 24. Bonner, F., and Nave, F. (2012) Framing and Maintaining a Research Agenda. *American Association for Blacks in Higher Education* (Atlanta, GA March 22-24). **Interactive Session.**
 25. Nave, F. & Loretta Moore (2011) Highlights of ADVANCE projects at MSI. Annual ADVANCE Conference (Alexandria, VA, November 13-15) **Invitation only panel.**
 26. Nave, F. (2011) ADVANCE Highlights. 2011 Council of Arts and Sciences Deans Annual Conference (Montreal, CA, November 2-4). **Invitation only panel.**
 27. Nave, F. (2010) Career Options for Women at HBCUs. *Society of Women Engineers Annual Conference* (Orlando, FL, November 4-6, 2010).
 28. Nave, F. (2010) Best Practices from PVAMU/TAMU ADVANCE-PAID. *Society of Women Engineers Annual Conference* (Orlando, FL, November 4-6, 2010).
 29. Bonner, F., Nave, F., Alfred, M., Lewis, C., & Frizell, S. (2009). Academically Gifted African American Students in Historically Black Colleges and Universities (HBCUs): Challenges and Opportunities in Science, Technology, Engineering, and Mathematics (STEM) disciplines. *A Symposium presented at the Association for the Study of Higher Education*, (Vancouver, BC).
 30. Bonner, F., Nave, F., Lewis, C, Alfred, M., and Frizell, S. (2009). Academically Gifted Black Students in Science, Technology, Engineering and Mathematics (STEM): A Focus on Success in Historically Black College and University (HBCU) Contexts. Presentation at the *Blacks in Higher Education Conference*, Annual National Conference on Blacks in Higher Education, Atlanta, GA.
 31. Kirby, K. & Nave, F. (2008). Minority Science and Engineering Improvement Program: STEM Prep Summer Institute. *2008 Historically Black College A University- Undergraduate Program Annual Conference* (Atlanta, GA, October 23-25, 2008).
 32. Nave, F., Lewis, C., Bonner, F., Alfred, M, & Frizell, S. (2008). Gifted African American in STEM at HBCUs: An Empirical Investigation Examining the Keys to Success. *2008 Think Tank for African American Progress* (Memphis, TN, October 1-4, 2008).
 33. Nave, F., Bonner, F., & Stevenson, T. (2008). The Impact of Climate on Minority Student Success in Engineering at Predominately White Institutions: Minority Directors' Perspectives *America Society for Engineering Education 2008 Conference Proceedings* (Pittsburgh, PA, June 2008).
 34. **Davis, V., Jennings, B., Nave, F., & Quick C. (2008). Alternative Procedure To Control Pressure In The Microvasculature Of The Pallid Bat's Wing. *Presented at The 2008 Annual National Organization for the Professional Development of Black Chemist and Chemical Engineers (NOBCHEE)*, Orlando, FL.

Invited Talks/Workshops (abbreviated)

1. **Nave, F.** (2017) I Belong Here: Transforming Engineering Education Environments into Inclusive and Diverse Cultures. *University of Arkansas Department of Chemical Engineering* (Fayetteville, AR, October 23).
2. **Nave, F.** (2017) Reversing the Tide in Science, Engineering, Technology and Mathematics (STEM): Academically Gifted African American Students in Historically Black Colleges & Universities. *Annual AIChE Conference* (Minneapolis, MN, October 30, 2017).
3. **Nave, F.** (2017) Women in STEM: Experiences of Bias in the Classroom and in the Profession. *ADVANCE: Jackson State University* (Jackson, MS, March 2017)
4. **Nave, F.** (2016) Dismantling the Default: Advancing Women to Full Professorship in the Academy. *University of Houston – ADVANCE* (Houston, TX March 2016).
5. **Nave, F.** (2013) Data Trends: Women of Color. *Women of Color Summit at Mississippi State University* (Starkville, MS, February 8).
6. **Nave, F.** (2012) Mentoring and Networking Opportunities in Science. *India-US Workshop Women in Science Workshop* (New Delhi, India, December 10).
7. **Nave, F.** (2012) *Women Entering Leadership in the Academy*. Texas A&M University ADVANCE Scholars Symposium (Prairie View, TX, October 12). **Panel**
8. **Nave, F.** (2012) Nuts and Bolts of Landing Dream Job, “A” Job. *Prairie View A&M University Society of Hispanic Professional Engineers Workshop*. (Prairie View, TX, September 11)
9. **Nave, F.** (2012) Mentoring. *Jackson State University ADVANCE Workshop*. (Jackson, MS April 11).
10. **Nave, F.** (2012) Balancing Professional Aspirations and Personal Responsibilities. *Purdue Women of Color STEM Conference*. (West Lafayette, IA, April 1-3)
11. **Nave, F.** (2012) Crossroads: Identifying Your Path to Success. *Jefferson Davis School District* (Prentiss, MS, March 5)
12. **Nave, F.** (2011) Alcorn State University Chemistry Department (Alcorn, MS, November 17, 2011)
13. **Nave, F.** (2011) Cultivating Diverse Faculty Leadership in the STEM Disciplines: Best Practices. *Council of Colleges Arts & Science Deans* (Montreal, Canada, November 5-8).
14. **Nave, F.** (2011) – Highlights of Minority Serving Institutions (MSIs) with ADVANCE Grants (panel co-chair). *2011 Annual ADVANCE Program Meeting*. (Alexandra, VA November 13-15, 2011)
15. **Nave, F.** (2011). Alcorn State University Chemistry Department (Alcorn, MS, April 1, 2011)
16. **Nave, F.** (2011). Forging Pathways of Success: The Engineer In You. *Jefferson Davis School District* (Prentiss, MS, February 15, 2011).
17. **Nave, F.** (2008). Graduate Education - Selecting the Best Graduate Program. *2008 National Society of Black Engineers Region V Fall Regional Conference* (Dallas, TX, October 31-November 2, 2008).
18. **Nave, F.** (2008). Education Research Project: An Empirical Investigation of the Factors that Affect the Success of African American Students in Engineering and Technology at HBCUs. *2008 Historically Black College And University- Undergraduate Program Annual Conference* (Atlanta, GA, October 23- 25, 2008).
19. **Nave, F.**, & Bonner, F. (2007). Understanding How Minority Engineering Students Experience College: A Glimpse at The James Worth Bagley College of Engineering. *Presented at Mississippi State University Bagley College of Engineering Faculty Workshop* (Starkville, MS, September 2007).

WORKSHOPS AND SEMINARS ORGANIZED

1. **Co-Chair**, *North American Membrane Society (NAMS) Annual Conference*, May 2014 Houston, TX.
Over 350+ national and international attendees.
2. **Chair**, NSF PVAMU/TAMU ADVANCE-PAID Professional Development Workshop, “*Launching Tomorrows Leaders*”, May 16-18, 2013 Houston, TX. **Over 60 attendees from PVAMU representing faculty, staff, and administrators.**
3. **Chair**, *GEM GRAD Lab*, Prairie View A&M University, March 1-2, 2013. **Over 80 student attendees from Prairie View, Rice, Texas Southern, majoring in STEM.**
4. **Chair**, PVAMU/TAMU ADVANCE-PAID Luncheon, *Intersectionality: Examining the Conflation of Race and Gender in Academia*, November 5, 2012, Prairie View A&M University. **Over 70 attendees from PVAMU representing faculty, staff, and administrators.**
5. **Co-Organizer**, *SynBERC Career Symposium: What You Can Be with a Ph.D.: Navigating Interdisciplinary Research in Engineering and Life Sciences*, November 7, 2012, Prairie View A&M University. **Sponsored in collaboration with Massachusetts Institute of Technology, Berkley University, and Stanford University (NSF Synthetic Biology Engineering Research Center) attended by 100 STEM students.**
6. **Chair**, NSF PVAMU/TAMU ADVANCE-PAID Professional Development Workshop, “*Reaching Back To Move Forward*”, May 17-20, 2012 Houston, TX. **Over 55 attendees representing 14 HBCUs with ABET accredited Engineering Colleges or Schools.**
7. **Chair**, *GEM GRAD Lab*, Prairie View A&M University, April 2012. **Over 70 student attendees from Prairie View, Rice, and Texas A&M University, majoring in STEM.**
8. **Chair**, NSF PVAMU/TAMU ADVANCE-PAID Professional Development Workshop, “*Successfully Navigating Your Career*”, May 16-19, 2011 Houston, TX. **Over 40 attendees representing 12 HBCUs with ABET accredited Engineering Colleges or Schools.**
9. **Co-Chair**, *SynBERC Annual Symposium*, February 2010, Prairie View A&M University. **Sponsored in collaboration with Massachusetts Institute of Technology, Berkley University, and Stanford University (NSF Synthetic Biology Engineering Research Center) attended by over 90 STEM students.**

GRANT FUNDING & CONTRACTS

1. George Wright, Michael McFrazier, and **Felecia M. Nave**, Houston Livestock & Rodeo, \$100,000, March 2016. *Scholarship funds to support students attending Prairie View.*
2. **Felecia M. Nave (PV-PI)** and Audie Thompson (Co-PI). National Science Foundation, The SEaRCH: STEM Education Research Consortium at Historically Black Colleges and Universities (HBCUs), **\$66,000**, September 1, 2015 – August 31, 2017. *Project 4 member consortium with Tennessee State, North Carolina A&T, Virginia Tech, and Prairie View.*
3. **Felecia M. Nave**, Apple, Inc. – Computer Science Grant for participation in Computing Pipeline Program, **\$50,000**, 2015.
4. **Felecia M. Nave (PI)** and Fred Bonner (Chief Scientist/Recruit), Texas A&M University System, Minority Achievement, Creativity, and High Ability Center, **\$5,300,000**, August 2014.

5. **Felecia M. Nave (PI)** and Audie Thompson (Co-PI). Thurgood Marshall College Fund on behalf of Department of Defense (\$25K). *PVAMU REU in Membrane Separation*, **\$25,000**, June 1, 2013 – September 30, 2013.
6. **Felecia M. Nave (PI)**, AAAS-WIRC: International Travel Award (\$20K) - *PVAMU/Jordan International Travel Award: Development & Characterization of Multifunctional Membranes*, **\$20,000**, October 1, 2012 – September 31, 2013.
7. **Felecia M. Nave (PI)**, Karen Butler-Purry, Kendall Harris, Pamela Barber-Freeman, & Chandra Elbert (Co-PIs). National Science Foundation, *ADVANCE-PAID: Successfully Navigating Your Career: Advancing Women Faculty in Engineering & Technology at Historically Black Colleges and Universities (HBCUs)*, **\$50,000 - supplement**, September 2012 through August 2013.
8. **Felecia M. Nave (PI)**, Fred Bonner, Sherri Frizell, Mary Alfred & Chance Lewis (Co-PIs). National Science Foundation, *HBCU-UP Education Research Project: Empirical Investigation of the Success Factors Impacting African-American Students in Engineering and Technology at Historically Black Universities*, **\$46,000 - supplement**, September 2011 through August 2012.
9. Kendall T. Harris (PI) and **Felecia M. Nave (Co-PI)**. National Action Council for Minorities Engineering (NACME) Block Grant, **\$168,000**, September 2010 through August 2013.
10. **Felecia M. Nave (PI)**, Karen Butler-Purry, Kendall Harris, Pamela Barber-Freeman, & Chandra Elbert (Co-PIs). National Science Foundation, *ADVANCE-PAID: Successfully Navigating Your Career: Advancing Women Faculty in Engineering & Technology at Historically Black Colleges and Universities (HBCUs)*, **\$850,000**, September 2009 through August 2013.
11. Z. Zhou (PI), **Felecia M. Nave (Co-PI)**, Xia Peng, Hua-jun Fan, Richard Wilkins, Alice Pendleton (Co-PIs). Department of Education, MSEIP: Integrating Nanotechnology, **\$424,000**, August 2009 through July 2012.
12. **Felecia M. Nave (PI)** & Sherri Frizell (Co-PI), Lockheed Martin, *PVAMU Society of Women Engineers: Leadership Series for Women of Color in the College of Engineering*, **\$2000**, Spring 2008.
13. **Felecia M. Nave (PI)**, Fred Bonner, Sherri Frizell, Mary Alfred & Chance Lewis (Co-PIs). National Science Foundation, *HBCU-UP Education Research Project: Empirical Investigation of the Success Factors Impacting African-American Students in Engineering and Technology at Historically Black Universities*, **\$1,007,146**, September 2007 through August 2010.
14. **Felecia M. Nave (PI)** & Sherri Frizell, Society of Women Engineers –National, *Sisters Speak: Professional Development Program for Women of Color in the College of Engineering at Prairie View A&M University*, **\$4,150**, June 2006 through May 2007.
15. Irvin Osborne-Lee (PI), **Felecia M. Nave (Co-PI, primary author)**, & Michael Gyamerah (Co-PI). National Science Foundation-Supplement, FAST Team, **\$46,500**, May through August 2007 and May through August 2008.
16. Sherri Frizell (PI) & **Felecia M. Nave (Co-PI)**, Engineering Information Foundation, *The Identification of Factors Affecting the Retention and Attrition of African-American Female Students in Computer Science and Engineering*, **\$24,032**, January through December 2007.
17. Irvin Osborne-Lee (PI), **Felecia M. Nave (Co-PI, primary author)**, & Michael Gyamerah (Co-PI), National Science Foundation, *Targeted Infusion Project: Development of Bioengineering Concentration in the Department of Chemical Engineering at Prairie View A&M University*, **\$149, 718**, September 2006 through August 2008.
18. **Felecia M. Nave (PI)**, United Negro College Special Programs- Department of Defense, *Synthesis and*

Characterization of Nanostructured Hybrids for Separation of Bioactive Compounds, **\$22,529**, September 2006 through August 2007.

19. **Felecia M. Nave (PI)** & Sherri Frizell (Co-PI), ExxonMobil Foundation, *Society of Women Engineers Leadership Workshop*, **\$4,500**, January through December 2006.

20. Michael Gyamerah (PI), **Felecia M. Nave**, Remi Oki, Gloria Regisford, Jorge Gabitto (Co-PIs), National Science Foundation, *Major Research Instrumentation Grant: Acquisition of research instrumentation for applied research and training in biotechnology and bioprocess engineering*, **\$201,116**, September 2004 through January 2006.

21. **Felecia M. Nave (PI)**, PVAMU Summer Research Mini Grant (\$20K) – Development and Characterization of Multifunctional Membranes for Water Purification and Bio sensing Technologies, **\$20,000**, June 1, 2013 – August 31, 2013.

22. **Felecia M. Nave (PI)**, **Department of Education Title III (administered by Prairie View A&M University Office of Research & Development)**, *Developing a Membrane and Thin Film Synthesis and Characterization Laboratory*, **\$143,000**, October 2009 – September 2010.

23. **Felecia M. Nave (PI)**, Prairie View A&M University Mini-Grant Research & Development. *Development of supported metal affinity hydrogel membranes for protein separation and purification*, **\$3,053**, January through May 2004.

24. **Felecia M. Nave (PI)**, Prairie View A&M University Office of Biomedical and Behavioral Research, *Student Conference Travel Award*, **\$742**, October 2003.

25. **Felecia M. Nave (PI)** & Sherri Frizell, NASA, Marshall Chevrolet, PVAMU Assistant Dean and Computer Science Department, *Society of Women Engineers Poster/Essay Contest for area K-8 grade students*, **\$780**, March 2004.

SERVICE

System

- Member, TAMU System Information Technology Governance Committee, 2016-2018
- Member, TAMU System Success and Learning Outcomes Committee, 2012-2017
- Member, TAMU System Student Success Metrics Committee, 2011-2012
- Serves as a member of the Texas A&M University System University Metrics (Empower U) Committee and Student Learning Outcomes (SLO) Committee. Also reviews, formulates, and recommends policies, procedures and processes that improve the academic quality of the University and the academic indicators of the student body.

University and Community

- North Carolina Central Fundraising Policy Development, 2019
- North Carolina Central University Budget Advisory Committee, 2019
- North Carolina Central RFP Committee for Food Service Contract, 2019
- North Carolina Central University Planning Council By-Laws Committee, 2019
- North Carolina Central University Strategic Plan Committee, 2018
- North Carolina Central Chair, Academic Planning Council, 2018
- Co-Chair, University Space Planning Committee, 2018

- Member, Assistant Vice President for Human Resources Committee, 2014
- Chair, VP Research and Dean of the Graduate School Committee, 2013
- Member, University Information Technology Committee, 2012 - 2014
- Chair, Director of Student Success Committee, 2012
- Chair, University Academic Council, 2010-2014
- Senator for College of Engineering, Faculty Senate, 2008-2010
- Committee, Member, College of Engineering Dean Search Committee, 2007
- Representative, LSU
- Judge, Honors Research Symposium, 2005
- Judge, NIH Bridges to Baccalaureate, 2004

College

- Chair, Associate Dean Search Committee, 2011
- Co-organized, Outreach Harmony Math & Science School, 2011
- Faculty Advisor, Society for Hispanic Professional Engineers, 2009-2010
- Member, Tenure & Promotion Manual Committee, 2009
- Member, Math Applications Course Development Committee, 2008
- Member, Ad-Hoc Proposal Review Committee, 2008
- Committee Member, Mechanical Engineering Faculty Search Committee, 2008
- Co-organized, Outreach Bailey Middle
- Committee Member, Boeing Engineering and Computer Science Teacher Award, 2003
- Faculty Advisor, Society of Women Engineers, 2003-2008

Department

- Faculty Advisor, Society of Biological Engineers
- Department Website Updates, 2008
- Laboratory Improvement Committee, 2008, 2009, 2010
- Coordinator/Presenter, Chemical Engineering Session for College of Engineering “*Engineering Science Concepts Institute*” Summer Program, 2006
- Freshman Faculty Advisor, 2005-2010
- Faculty Liaison, Houston Community College Northeast-Prairie View A&M University Articulation Partnership, 2005-2011
- Career Day Speaker, Waller High School, 2005, 2004
- Dept. Representative, PVAMU Pantherland Day, 2005, 2004
- Member, Department Scholarship Committee, 2005, 2004
- Faculty Liaison, Chemical Engineering Industrial Advisory Council, 2004-2009
- Member, Dept. Chemical Engineering Scholarship Committee, 2004-2008
- Dept. Representative, General Recruiting, 2003-present

PROFESSIONAL MEMBERSHIPS Sigma XI North
American Membrane Society (NAMS) American Institute of

Chemical Engineers (AIChE) National Society of Black
Engineers (NSBE) *not active 2013* Society of Women
Engineers (SWE) American Chemical Society (ACS)
National Organization for the Professional Development of Black Chemist and Chemical Engineers
(NOBCChE) *not active 2013* American Society for Engineering Education (ASEE) American
Association for Blacks in Higher Education (AABHE)