

Yolander Renea (Taylor) Youngblood, PhD

19419 Fall Fair Lane

Cypress TX 77429

Cell Phone: 1+ 225-400-3314 Email: yolanderyoungblood@ymail.com

EXECUTIVE SUMMARY

I have worked 20+ years in higher education in several STEM capacities and secured more than \$1,000,000 in grant funds. I routinely meet deadlines, promote diversity and manage budgets in a principled manner. This includes reviewing proposals, editing manuscripts and modifying the curriculum. My assignment motto is “Now one way, now another, until the job is done.”

Education

- Ph.D. in Botany** - University of Florida (UF), Gainesville, Florida 1999
Dissertation: “Systematic survey of the Coryphoid palms using foliar epicuticular wax and anatomical characters.” I compiled different biology characteristics in a computation dataset to use in my study of different plant groups. I also used the electron microscope. Drs. Walter Judd and Scott Zona- Advisors.
- M.S. in Botany** - University of South Florida (USF), Tampa, Florida 1995
Thesis: “Comparative study of the distribution patterns and leaf surface anatomy of silver and green forms of saw palmetto *Serenoa repens* (Bart.) Small.” Made correlations regarding morphological differences between the two forms of *Serenoa repens*. Drs. Dianne Te Strake and Frank Essig - Advisors.
- B.S. in Biological Sciences, Botany Emphasis** 1990
University Of Southern Mississippi (USM), Hattiesburg, Mississippi

Post-Graduate Competitive Leadership Training Fellowships

Center for the Advancement of STEM Leadership (CASL), 2021 Fellow

Drs. Orlando Taylor and Camille McKayle –Advisors

<https://www.advancingstemleadership.net/>

National Science Foundation Opportunities for Underrepresented Scholars (NSF-OURS), 2014

The Chicago School of Professional Psychology, Washington, D.C.

Drs. Orlando Taylor and Beverly O’Bryant – Advisors.

Certificate: Academic Leadership in Higher Education

Laboratory and Data Training Certificates

- | | |
|------------------------------------|--|
| Fire and Life Safety Training, | (2014, 2015, 2016, 2017, 2018, 2019, 2020) |
| Laboratory Safety Training, | (2014, 2015, 2016, 2017, 2018, 2019, 2020) |
| Biosafety Training, | (2014, 2015, 2016, 2017, 2018, 2019, 2020) |
| Information Security Awareness, | (2014, 2015, 2016, 2017) |
| Child Protection Training, | (2015, 2016, 2017 & 2018) |
| Hazard Training and Communication, | (2014) |
| Building Supportive Communities, | (2019, 2020) |
| FERPA Basics, | (2014, 2015, 2016, 2017, 2018, 2019, 2020) |
| Tools for an Ethical Workplace, | (2019, 2020) |

Continuing Education Certificates in Higher Education Trends

- Quality Matters (QM) Certificate –SUNO 2010, (additional training at PVAMU) 2020
- Nationally recognized faculty driven peer reviewed process to ensure the quality of online and blended course design.
- Introduction to Teaching Online (ITO) certificate – PVAMU, 2020
- University wide standard for quality online and blended course delivery.
- Conclave Leadership Training Certificate - Fielding Graduate University, 2016 and 2019
- Earned 20 Continuing Education credits- Dr. Orlando Taylor, Advisor.
- Gulf Coast Summer Institute on Teaching, Louisiana State University, LA 2014
- Earned Scientific Teaching Certificate.
- Optimizing the Practice of Mentoring –University of Minnesota, 2015
- Earned Mentoring Certificate for junior faculty in STEM fields.
- Mentor training – PVAMU Research Experiences for Undergraduates (REU) 2014
- Training for faculty mentors.
- Service Learning Training - Southern University at New Orleans (SUNO), 2011
- University wide training to incorporate service learning in academic courses.
- Shoestring Biotechnology, Biotechnology Institute, Philadelphia PA, 2005
- Biotechnology on a budget -sponsored by National Association of Biology Teachers
- Science Education and New Civic Engagements and Responsibilities (SENCER), 2005
- Summer Institute, San Jose, CA.
- Instructional Strategies in Education Workshops: 2001
- Studied and evaluated instructional strategies suited to teaching the sciences, Xavier University of Louisiana, New Orleans LA.

Professional Experience

Prairie View A & M University (PVAMU), TX. (40hrs/week): 2014 - present

Assistant Professor

- Teach Botany (Biol 1034), Research (Biol 4061) and Practicum (Bio 4034).
- Coordinate Biology Undergraduate Research Symposium- organize events, invite speakers, create symposium booklets, and serve as liaison for invited Graduate Schools.
- Mentor and advise African American and Hispanic research students, including LSAMP.
- Awarded more than \$300,000.00 in external grant funds. Advise biology majors.

Grant Proposal Reviewer (Avg. 16hrs./assignment): 2008 - 2020

- Reviewer for NSF's Biological Sciences REU grant program - (2020).
- Ad Hoc Reviewer for an NSF Excellence in Research grant program – (2020).
- Reviewer for NSF's S-STEM grant program - (2020).
- Proposal Reviewer for PVAMU's OER Faculty Support Award Program (2019.)
- Reviewer for NSF's Graduate Research Fellowship Program - (2019).
- Ad Hoc Reviewer for NSF's – HBCU -Research Initiation Award Program - (2019).

Abstract and Manuscript Reviewer (Avg. 16hrs./yearly assignment or issue): 2015 - present

- Proposal Reviewer: (AAC&U)/ Project Kaleidoscope (PKAL) – STEM Conferences with Dr. K. Mack, (2015 – 2020).
- Abstract Reviewer – PVAMU’s Abstract Review Committee for 15th Annual TAMUS Pathways Research Symposium – Dr. C. Carter, Chair (2018).

Executive Editor (10hrs/week): 2017 – present

PURSUE :Undergraduate Research Journal

- Founded journal in 2016.
- Of the student authors, 68% attended HBCUs, 25% attended area high schools and 7% attended predominantly white institutions. Four editions published.
- Responsible for Bepress website listing -<https://digitalcommons.pvamu.edu/pursue/>.
- Responsible for US Catalog number application- ISSN 2473-6201.

Journal Consultant (as needed) 2021 - present

- Provide expert advice to other faculty, staff and administrators regarding implementation and best practices for creating a scientific peer reviewed undergraduate research journal.

Chairperson (10hrs/week): 2019 - present

PVAMU’s Textbook Affordability & Open Education Resources (OER) Initiative.

- Implemented Faculty OER Support program and selected award recipients.
- Cost to student savings over \$300,000/semester through the adoption of OER.
- Manage \$10,000.00 budget. This is a statewide initiative.
- Manage curriculum development and the campus-wide transition to new OER policies.
- Collaborate with 30 faculty representatives from all university colleges.
- Website listing - <https://www.pvamu.edu/academicaffairs/oer/>.

President (5hrs/week): 2017- present

Sigma Xi Research Honor Society, PVAMU Chapter.

- Re-established chapter on PVAMU campus and recruited new members.
- Organized the 2017 “Scientific Research Symposium”.

Lone Star Community College, Cypress TX. 2016 – 2017

Adjunct Online Biology Professor (10hrs/week):

- Taught Online General Biology. Mentored Hispanic students.

Callie B. Taylor Scholarship Foundation, Buckatunna, MS. 2012 – present

President (volunteer position 5 hrs/week)

- Co-Founder. Implemented scholarship program and selected award recipients.
- Presented two “Book Scholarships” each year since 2013 for deserving young women in Wayne County MS, who overcame hardships and want to go to college.

American Public University System, Washington, DC. 2012 - 2014

Adjunct Online Professor (10hrs/week):

- Taught online First Year Experience Course.

Southern University at New Orleans (SUNO), New Orleans, LA. 2010 – 2013

Assistant Professor (40hrs/week):

- Taught face-to-face and on-line Biology courses, revised course and advised students.
- Awarded more than \$200,000 in external grant funds.
- Created CSI: New Orleans and the Professional Scientist Mentoring Program.

Faculty Senator (5hrs/week): 2011 – 2013

- Successfully avoided university merger and campus closing.
- Revised tenure and promotion guidelines.

Walden University - www.waldenu.edu. 2009 – 2010

Adjunct Graduate Science Faculty (20hrs/week):

- Taught Introduction to Educational Research, Creating an Effective Classroom, and Designing Curriculum Instruction and Assessment, M.S. Science Education program.

Harrisburg University of Science and Technology (HU), Harrisburg, PA. 2005- 2009

Director and Charter Faculty Biotechnology Program (35hrs/week):

- Implemented and directed the Biotechnology degree Program.
- Recruited and supervised fulltime and corporate faculty.
- Taught biotechnology and microbiology lecture and laboratory courses.
- Revised Biotechnology curriculum.
- Evaluated faculty performance for rank and promotion.
- Developed course outline for University Seminar and incorporated “Toolkit”.
- Conducted New Student Orientation.

Director Capital Area Biotechnology Partnership (CABP), (20hrs/week): 2006 - 2009

- Facilitated student movement into the workforce via internships and employment.
- Managed \$500,000 budget and recruited industry partners and students.
- Created and produced HU’s flagship event, “Biotechnology Showcase”.
- Reviewer for NSF’s S-STEM grant program - (2008 & 2009).

Accreditation Committee Member (10hrs/week): 2008 - 2009

HU’s Middle States Commission on Higher Education Accreditation (MSCHE)

Admissions and Student Services Standards Workgroup.

- Provided much needed history for the group.
- Compiled data from past records and submitted to group.
- HU awarded initial full MSCHE accreditation in 2009.

Liaison for Biotech Corporate Faculty (5hrs/week): 2007 - 2008

- Served as liaison for them with HU administration.
- Facilitated the first Biotech Corporate Faculty Orientation and provided much needed material and information.

Team leader (5hrs/week): 2005
HU, Harrisburg Area Community College, and SciTech High School's team: Science Education for New Civic Engagements and Responsibilities (SENCER), Harrisburg PA.

- Recruited team members.
- Led team activity.
- Developed the initial proposal for the CABP.

Penn State Capital College, Harrisburg and Schuylkill, PA. 2002 – 2004

Assistant Professor (40hrs/week):

- Taught microbiology, general biology, anatomy and physiology, and human biology.

Xavier University of Louisiana (XULA), New Orleans, LA. 1999 – 2002

Assistant Professor (40hrs/week):

- Taught General Biology and Botany courses for biology majors.
- Led praxis review workshops for education majors.

Team Leader (35hrs/week): Summers 2000 - 2002

Materials World Modules (MWM) Project, Northwestern University (NU), Evanston, IL.

- Led Xavier University of Louisiana's (XULA) team as part of a multi institution collaboration to develop the "Polymers" and "Biosensors" modules.
MWM Project Director – Dr.R. H. Chang, NU.
Multi Institution Leader – Dr. J. Hopps, Morehouse College.

Lab Instructor (40hrs/week): 1990 - 1993

- Taught general biology courses for biology majors.
- Conducted Praxis Review workshops for biology education majors.

Santa Fe College, Gainesville, FL. 1998 – 1999

Adjunct Faculty (5hrs/week):

- Taught General Biology.

University of Florida, Gainesville FL. 1995 - 1998

Graduate Student Assistant (20 hrs./week):

- Taught Environmental Biology and Plant and Human Affairs laboratories.

Hillsborough Community College, Tampa, FL 1993 - 1995

Adjunct Faculty (5hrs/week):

- Taught Nutrition, General Biology and Anatomy and Physiology courses.

University of South Florida, Tampa FL. 1993 – 1995

Graduate Student Assistant (20 hrs./week):

- Taught General Biology laboratories.

XULA, New Orleans, LA.

1990 - 1993

Lab Instructor (40hrs/week):

- Taught general biology courses for biology majors.
- Conducted Praxis Review workshops for biology education majors.

Louisiana Dept. of Agriculture and Forestry, New Orleans, LA

Summer 1991

Lab Scientist (40 hrs./week):

- Analyzed consumer products in the laboratory as determined by state guidelines.

Selected Intellectual Contributions (*student names):

Botany and Biology Publications (Peer Reviewed)

- Youngblood, Y.,** *Carter, I., *Montegut, A., *Ballinger, A. and *Garcia, F. 2020. Preliminary studies indicate that 10% acetic acid is an effective organic growth control agent for *Amaranthus palmeri*. Submitted to “Bios” for initial review.
- * Long, C., Novelo, N., Derecho, H. and **Youngblood, Y.** 2018 “The Effects of Selective and Non-Selective Organic Herbicides on *Amaranthus* species. *PURSUE 01:02, 50 - 62.*
- *Garcia, F. and **Youngblood, Y.** 2017. “Agricultural Vinegar as a growth control agent for both Glyphosate susceptible (GS) *Amaranthus palmeri* and Glyphosate resistant (GR) *Amaranthus palmeri*”. *PURSUE 01; 01, 40 - 50.*
- *Brown, R., Garner, B. and **Youngblood, Y.** 2016. “The Impact of Lead on *Bacillus Thuringiensis* Physiology” 13th Annual International Symposium on Recent Advances in Environmental Health Research. <http://ehr.cset.jsums.edu/13cd/pdfs/Student%2048.pdf>
- Youngblood, Y.** 2016. “No Change: Shapes and Patterns of Foliar Epicuticular Wax Found in *Sabal palmetto* Not Affected by Environmental Influences from BP Oil Spill or Hurricane Isaac”. *International Journal of Scientific Research and Innovative Technology.* 3 (5):31-38.
- Youngblood, Y.,** *Nunley, T. and Garner, B. 2016. “Effect of Plant Age and Environment on Foliar Epicuticular Wax in *Sabal minor* and *Sabal palmetto*”. *International Journal of Scientific Research and Innovative Technology.* 3 (5): 40-44.
- Essig, F., **Taylor, Y.R.,** and Te Strake, D. 2000. “Florida’s Wax Palm: The Silver Form of *Serenoa repens.* (Arecaceae)”. *Florida Scientist.* 63(1):13-16.

Published Micrographs and Collections (Peer reviewed)

- Taylor, Y.R.** 2020. Herbarium specimen of Silver *Serenoa repens.* In *Atlas of Florida Plants.* Eds. Wunderlin, R. P., Hansen, B.F., Franck, A. R. and Essig, F. B. Institute for Systematic Botany, University of South Florida (<http://florida.plantatlas.usf.edu/>).
- Taylor, Y. R.** 1999. Micrograph of *Strelitzia* type epicuticular wax in *Latania.* In *Plant Systematics: A Phylogenetic Approach.* Eds. Judd, W.S., Campbell, C. S., Kellogg, E. A., Stevens, P. F. Sinaer Associates, Sunderland, Mass. p.73. ISBN 0-87893-404-9

Science Education and Leadership Publications (Peer reviewed)

- Youngblood, Y.R.** and Thompson, A.K. 2017. “*PURSUE: an undergraduate research journal* increases publishing among African American undergraduate STEM majors.” National Association of African American Studies 25th Joint National Conference (monograph), 469-475.
- Youngblood, Y.R.** 2017. “Leadership development for women at HBCUs”. In *Women Called to Lead: Empowering Women of Color in Academic Leadership*. Eds. Engerman, K, Luster-Teasley, S. Washington, C. and Bolden-Tiller, O. Fielding University Press. USA. Pp. 102 – 114.
- Youngblood, Y.R.** and Numbere, T. 2012. “Overcoming Academic Barriers in the Sciences for the Modern Urban Student”. *Global Conference on Education Proceeding*, 3: 97-106.

Conference Presentations and Abstracts (Peer reviewed)

- *Carter, I., *Montegut, A., Villeral, T. and **Youngblood, Y.** "*PURSUE: undergraduate research journal*, increases publishing opportunities for minority undergraduate STEM majors". Texas Academy of Science Annual Meeting, February 26 – 27, 2021.
<https://texasacademyofscience.pathable.co/meetings/virtual/4irppcbHMux7YGSvp>
- Youngblood, Y.** and Collins, M. 2020. “Open Educational Resources (OER) Success.” Texas A & M Chancellor’s Summit on Academic Technology. September 22- 24, 2020.
- *Montegut, A. *Carter, I. and **Youngblood, Y.R.** 2020. “The Responses of Susceptible and Resistant *Amaranthus palmeri* (Palmer Amaranth) to Acetic Acid as an Organic Herbicide Treatment.” Poster presentation for the Emerging Researchers National Conference, Washington, DC. February 6 - 8, 2020.
- *Long, C. and **Youngblood, Y.R.** 2019. “Acetic acid, Eucalyptus Oil and Okanin extract as a Viable Organic Herbicide Cocktail.” Emerging Researchers Network. Washington, D.C.
- *Ballinger, A., *Garcia, F. and **Youngblood, Y.R.** 2018.”Lower concentration of acetic acid still disrupts leaf surface structures causing plant death in *Amaranthus palmeri*.” Texas A & M University System 15th Annual Pathways Student Research Symposium, West Texas A & M University.
- *Long, C. and **Youngblood, Y.R.** 2018. “Acetic acid, Eucalyptus Oil and Okanin extract as a Viable Organic Herbicide Cocktail.” Texas A & M University System 15th Annual Pathways Student Research Symposium, West Texas A & M University. - 3rd Place Life Science winner among undergraduates. <https://pathways.wtamu.edu/>
- *Long, C., *Novelo, N. and **Youngblood, Y.** 2018 “The Effects of Selective and Non-Selective Organic Herbicides on *Amaranthus* species. Texas A & M University System 14th Annual Pathways Student Research Symposium, West Texas A & M University.
- *Jones, K. and **Youngblood, Y. R.** 2017. “Correlating Micro-respiratory Measurement of Foliar Epicuticular Waxes in *Sabal minor* and *Sabal palmetto*”. Texas A & M University System LSAMP Symposium, Prairie View A & M University, March 2 -3, 2017.
- Youngblood, Y.** and Thompson, A. National Association of African American Studies & Affiliates, 25th Anniversary Conference , February 13, 2017.
- *Garcia, F. and **Youngblood, Y. R.** 2016. PVAMU’s Summer Research Experience for Undergraduates Research Symposium. **2nd Place winner.**
- *Nunley, T. and **Youngblood, Y. R.** 2016. I-SWEEP International Science Fair, Houston TX (**Bronze Winner – Environment**). <http://isweeep.org/wp-content/uploads/2016/05/2016-Category-Award-Winners.pdf>

- *Cook, C. and **Youngblood, Y.** 2016. PVAMU's Summer Research Experience for High School Students Symposium, Prairie View A & M University.
- *Jones, K., Ortega, B. and **Youngblood, Y.R.** 2015. "A Comparison of Foliar Epicuticular Waxes in *Sabal minor* and *Sabal palmetto*". Texas A & M University System 12th Annual Pathways Student Research Symposium. Corpus Christi, TX. Retrieved from http://pathways.tamucc.edu/assets/poster_presentations/LIFE_SCIENCE.pdf
- *Jones, K. and **Youngblood, Y. R.** 2015. "Correlating Micro-respiratory Measurement of Foliar Epicuticular Waxes in *Sabal minor* and *Sabal palmetto*". Texas A & M University System 12th Annual Pathways Student Research Symposium. Corpus Christi, TX. Retrieved from http://pathways.tamucc.edu/assets/poster_presentations/ENVIRONMENTAL_SCIENCE.pdf
- *Ogbonna, K., Walls, I. Faison, S., Holmes, M. and **Youngblood, Y.R.** Evidence of Global Warming. PVAMU Biology Research Symposium. October 10, 2015.
- Youngblood, Y.R.** and *Taylor, A. 2013. " Effects of Hurricane Isaac and the BP oil spill on shapes and patterns of foliar epicuticular wax found on *Sabal palmetto*". Gulf Coast Oil Spill and Ecosystem Science Conference, New Orleans, LA January 22, 2013.
- *Harris, D. and **Youngblood, Y. R.** 2013. "The effects of the BP oil spill on the Epicuticular Wax of Cordgrass". Gulf Coast Oil Spill and Ecosystem Conference, New Orleans, LA. January 22, 2013.
- Youngblood, Y. R.** 2008 "Capital Area Biotechnology partnership". Science Education for New Civic Engagements and Responsibilities' Posters on the Hill Symposium. Washington, D.C. April 14, 2008. (Sponsored by National Science Foundation)

Secured Funding

External Funding

1. PVAMU's 2019 OpenStax Institutional Partnership. In-kind grant from Rice University for Open Educational Resources.
2. Principal Investigator for NSF's HBCU-UP RIA grant proposal "Characterization and development of young leaves of Glyphosate Susceptible (GS) *Amaranthus palmeri* vs Glyphosate Resistant (GR) *Amaranthus palmeri* after exposure to varying concentrations of acetic acid- (\$345,000.00). NSF Proposal Number: 1800864.
3. STEM Women of Color Conclave Travel Award, 2014, 2015, 2016, 2019.
4. American Association for Colleges & Universities (AAC&U) Preparing Critical Faculty for the Future (PCFF) grant program <https://sites.google.com/site/pcffproject/cohort-3/yolander-youngblood> . (September 2012, \$9000).
5. Louisiana Board of Regents Enhancement Grant Program. Co-PI for Proposal entitled "Enhancement of General Biology, M microbiology, Cell and Molecular Biology, and Genetics Teaching and Research Instruction Infrastructure at Southern University at New Orleans" (Proposal number- 042UG-12. Awarded 2012 \$69, 733).

External Funding cont.

6. Louisiana Board of Regents Enhancement Grant Program. Co-PI for Proposal entitled "Enhancing Faculty and Undergraduate Student Readiness for Online Learning in the Disciplines of English, Communications and Biology" (# -22MUL-12.-April 2012 \$85,100).
7. Louisiana Board of Regents Enhancement Grant Program (TR & UG) **Enhanced Workforce Development**, Student Success and College Access for Chemistry, Biochemistry and Biotechnology (ENH-00004809-2010, April 2011 \$48,000.00).
8. **Workforce Leadership grant** for "Capital Area Biotechnology Partnership" (2006 - 2009 - \$535,000). Sponsored by the Pennsylvania Department of Community and Economic Development (DCED).
9. Science Education for New Civic Engagements and Responsibilities (SENCER) Summer Institute grant (August 2005 - \$3500).
10. Whitaker Foundation grant for Enhancing Communities, "Pioneers of a New Generation", Harrisburg, Pennsylvania – (July 2005 – \$7500).
11. Scholars in Service to Pennsylvania AmeriCorps Education Program (in partnership with Harrisburg Area Community College – (2005/2006, 12 @ \$1250/award).

Internal Funding

12. Prairie View A & M University's 2016 Summer Research mini grant award. Principal Investigator (PI) for - "Agricultural Vinegar: Effective as an Organic Weed control on young *Amaranthus palmeri* leaves". (\$20,000).
13. Prairie View A & M University's 2015 Summer Research mini grant award. Co-PI for - "Cellular Senescence in Correspondence with Redox Activity and Longevity". (\$20,000).

Selected Awards and Recognition

- 2021 Fellow at the Center for the Advancement of STEM Leaders.
- 2020 Cell Press and the Community of Scholars' "1000 Inspiring Black Scientists in America" <https://crosstalk.cell.com/blog/1000-inspiring-black-scientists-in-america>.
- 2020 Prairie View A & M University's Outstanding Faculty Service Award.
- 2019 Biology Department, Outstanding Faculty of the Year Award, PVAMU.
- 2017 Faculty Ambassador Award Nominee – Faculty Senate, PVAMU.
- 2016 - Biology Department, Faculty of the Year Award, Prairie View A & M University.
- 2016 Inductee of Texas Medical Center/Rice University, Sigma Xi Research Honor Society.
- My Research students inducted in Sigma Xi Research Honor Society – Kierra S. Jones and Beatriz Ortega (2016).
- Biology Department Nominee for 2016 PVAMU Faculty of the Year Award.

Selected Awards and Recognition cont.

- 2015 Outstanding Faculty Mentor Award, PVAMU, Research Experience for Undergraduates and High School students (REU\REH) program, Summer 2015.
- Preparing Critical Faculty for the Future (PCFF), 2012
Association of American Colleges and Universities (AAC&U)
- Institute for Cultural Partnership 2007 Nominee for Champion of Diversity Award.
- Delta Sigma Theta (New Orleans Alumnae Chapter) Community Service Award 2001 & 2002.
- Beta Beta Beta Biological Honor Society 2000.
- U. Florida Black Graduate Student Organization Legacy Award 1999.
- National Blue Key Honor Society 1998.
- U. Florida Minority Graduate Student Fellowship 1995 – 1998.
- UNCF/NCEA Faculty Development Fellowship 1995 – 1996.
- U. South Florida Graduate Educational Opportunity Grant 1993 – 1995.

Committee and Service Assignments

Committee Assignments

- Texas A & M University System's OER Roadmap committee.
- Brailsford College of Arts and Sciences Curriculum committee - 2018 to present. As a committee we approve curriculum revisions for departments within the college based on PVAMU curriculum policies and procedures.
- Committee Chairperson for "Scientific Research Symposium", sponsored by PV Sigma Xi Chapter, and PV Biology Department, 2017.
- Committee member for the development of the Biology department's Forensic Master's Degree Program. 2016 – Present.
- Coordinator for Biology 106 Committee, Jan. 2012 to 2013. Developed pre and post assessment tests and common exams. Presented reports to department (SUNO).
- Faculty liaison: United Negro College Fund's special program for HIV/AIDS Orientation and Professional Education (HOPE) Fairfax VA.
Fall 2000 – 2002 Served as liaison for Xavier University of Louisiana (XU).
- Graduate Student Affairs Cabinet, Co-Director 1998-1999.
- Graduate Student Council, Graduate Student Orientation Committee, 1996.
- University Minority Recruitment and Retention Committee - Student Member (Appointed by the University President), 1996-1998.
- Black Graduate Student Organization (BGSO), Member 1995-1999.
President, 1997-1998. Vice-President, 1996-1997.
Started BGSO Graduate Student Scholarship Award 1998.
Black Graduate and Professional Students Association, President, 1994-1995.

Community and Professional Service

- Judge for PVAMU's Annual Research Symposium. I judged posters and created the Poster Development workshop for new graduate students (2019 – 2021).
- Co-Advisor for PVAMU Women in STEM student organization, 2017 to 2020.
- Judge Texas A&M University System Pathways Student Research Symposia 2015 -2018.

Community and Professional Service

- Coordinator for annual Biology Research Symposium, 2015 to 2019. Create booklets, recruit students, recruit vendors, recruit judges, and solicit prizes.
- Instructor for Andre Elementary School, All Girls STEM Camp, 3/25/2017.
- Co-Organizer for Grad School Fair for Society of Biological Engineering (Dr. A. Thompson Advisor) – (2/21/2017).
- LSAMP Research Advisor 2016 – 2017 for Kierra Jones.
- 2017, 2016 and 2015 PVAMU REU/REH Faculty Mentor (undergraduates, F. Garcia, K. Jones, C. Long and high school students - N. Novelo, C. Cook and T. Nunley).
- Wacky Science Instructor for Girl Scout Council of San Jacinto 2016 Summer Camp.
- Co-Advisor –Beta Beta Beta Biological Honor Society, PVAMU 2016 to present.
- Judge, PVAMU’s iRISE-UP Research Symposium, March 2, 2016.
- Judge, Sigma Xi- TMC/Rice Chapter, Annual Science Celebration, December 5, 2015.
- Judge for PVAMU Summer Research Experience Programs, August 7, 2015.
- SUNO Presenter for PRAXIS II Elementary Education Content Knowledge Test Exam Cram Workshop, February 25, 2011. Conducted workshops on Science portion.
- SUNO Day Presenter at area high schools Fall 2010 to present. Presented workshops and assisted the Admissions department in recruitment efforts.
- Christ Fellowship Prayer Tabernacle Church – Speaker for Great Women Honoring a Great Woman program – October 9, 2005.
- Campus Representative: Pennsylvania Scholars in Residence Awards Program for HU students who received the \$1250 award for community service. Fall 2005.
- City of Gainesville Bicycle and Pedestrian Committee, Member 1997-1998. (Appointed by the Gainesville, Fl. City Commission).
- Dimensions, (promoting science in Hillsborough County Junior High Schools) Vice-President, 1993-1995. Founding Member. University of South Florida, Tampa, Fl.
- Delta Sigma Theta Sorority, Inc.,
Houston Alumnae Chapter 2020 – (current chapter)
North Harris Alumnae Chapter 2016 – 2018
Louisiana Tri-Parish Alumnae Chapter, 2010 - present.
 EMBODI committee member- present.
 2011/2012 Cotillion committee member –Responsible for Date with Daddy.
 Nominating committee member - 2011.
Harrisburg Alumnae Chapter, 2002-2009.
 Founders Day Celebration – Chair 2006 event.
 Betty Shabazz Delta Academy – Science.
 Workshop presenter (2000 – 2006).
 Jabberwock – Co chair 2004 event.
New Orleans Alumnae Fall 1999 – 2002.
Gainesville Alumnae Chapter, Spring 1999.

Conferences and Workshops Attended

- HBCU-UP/CREST/LSAMP PI meeting, Washington, DC - 2019.
- Emerging Researchers National (ERN) Conference, Washington, DC - 2019.
- HBCU Faculty Development Network Annual Conference, Jackson, MS – 2018.
- Open Educational Resource Summit, San Antonio TX – 2018.
- Council on Undergraduate Research, Flagstaff, Arizona – 2017.
- STEM Women of Color Conclave, Washington DC – June 2014, 2015, 2016.
- Gulf of Mexico Oil Spill and Ecosystem Conference, Houston TX, 2015.
- PVAMU workshops conducted through the Center for Teaching Excellence
 - PVAMU -PI Bootcamp, 2018.
 - PVAMU- Grant writing workshops, 2016, 2017.
- Institute on Integrative Learning and the Departments, American Association of Colleges and Universities, July 2013.
- Global Conference on Education, Ontario, CA. November 16, 2012.
- Next Generation STEM Learning: Investigate, Innovate, Inspire, November (American Association of Colleges and Universities) 2012.
- NSF's HBCU Grant Opportunities Conference, New Orleans LA. January 2011.
- Collaboration 2008, Pennsylvania Department of Community and Economic Development. Harrisburg PA. Fall 2008.
- Nanotechnology Workshop, sponsored by Capital Area Intermediate Unit and Penn State University, March 17, 2005.
- Process Oriented Guided Inquiry Learning (POGIL) Conference at Franklin and Marshall, Lancaster, PA. Spring 2005.
- Seventh Annual Pennsylvania Higher Education Network for Neighborhood Development (PHENND) Conference. Civic Engagement: Beyond Voting and Volunteering, Widener University, Chester, PA. Spring 2005.

Professional and Civic Organizations

- Delta Sigma Theta, Sorority, Inc. – A Service Sorority.
- President, Sigma Xi Research Honor Society PVAMU Chapter.
- STEM Women of Color Society.
- Council of Undergraduate Research.
- Native Plant Society of Texas, Houston Clear Lake Chapter.
- Texas Academy of Science.

References

Dr. Audie Thompson

Assistant Professor
Robert E. Babcock, Sr. Professorship
Ralph E. Martin Department of Chemical Engineering
University of Arkansas
3202 Bell Engineering Center
Fayetteville, AR 72701-1201
Phone: (479) 575-3857
Email: akt022@uark.edu

Relationship: Dr. Thompson and I created *PURSUE: Undergraduate Research Journal* at Prairie View A & M University. I have known her since 2014. We also co-organized the Grad School Fair for the Society of Biological Engineering at Prairie View.

Dr. Orlando Taylor

Vice President for Strategic Initiatives and Research and
Executive Director of Center for Advancement in STEM Leadership (CASL)
Fielding Graduate University
Email: otaylor@fielding.edu
(202) 486-7866

Relationship: Dr. Orlando Taylor is the former President of the Washington, D.C. campus of the Chicago School of Professional Psychology. I met him in 2013. He also conducted the Leadership conclaves sponsored by Fielding Graduate University.

Dr. Clytrice Watson

Associate Provost
Delaware State University
1200 N. DuPont Highway
Dover, DE 19901
cawatson@desu.edu
(443) 614-1542

Relationship: I met Dr. Watson in 2014. We were both part of the NSF-OURS program with the Chicago School of Professional Psychology with Dr. Orlando Taylor. She has also been instrumental in working with *PURSUE: Undergraduate Research Journal*.

Dr. Jasmine M. Hamilton

Associate Professor – Department of Health and Kinesiology
Assessment Liaison – Whitlowe R. Green College of Education
Prairie View A & M University
700 University Dr.
Prairie View, TX 77446
Email: jmhamilton@pvamu.edu
Phone: (936) 261-3534

Relationship: I met Dr. Hamilton in 2014. She often serves as a judge for the Biology Undergraduate Research Symposium that I coordinate.