

## **CURRICULUM VITA**

**1. Name:** Paul Orleans Biney

**2. Education**

B.Sc., M.E., University of Science & Technology, Ghana, 1976.  
M.S, M.E., Oklahoma State University, Stillwater, OK, 1980.  
Ph.D., M.E., University of Houston, Houston, Texas, 1987.

**3. Academic experience – institution, rank, title** (chair, coordinator, etc. if appropriate), when (e.g., 2002-2007), full-time or part-time.

**Prairie View A&M University**

Professor, Director of FAST Center, Assessment Coordinator, 2003-Present, Full-time.  
Professor, Director of FAST Center, 1997-2003, Full-time.  
Associate Professor, Department Head, 1994-1997, Full-time.  
Associate Professor, Department of Mechanical Engineering, 1991-1994, Full-time.  
Assistant Professor, 1987-1991, Full-time.  
Visiting Lecturer, Department of Mechanical Engineering,, 1984-1987, Full-time.

**4. Non-academic Experience**

Brown & Root Inc., Houston, TX; Associate Engineer ((HVAC and Plumbing Dept.),  
Feb.-Aug. 1981, Full-time.

**5. Certification and professional registrations:** PE (Texas)

**6. Current Membership in Professional Organizations:**

(a) Member of ASME, (b) Member of ASEE, (c) Member of SAMPE.

**7. Honors & Awards**

- C.L. Wilson Educator Award by South Texas Section of ASME, April 2010.
- Roy G. Perry College of Engineering Service Award for the 2008-09 Academic Year.
- ASME Outstanding faculty Advisor Award, 2008.
- Outstanding ASME Faculty Advisor, Region X, 2005 – 2006.
- Roy G. Perry College of Engineering Service Award for the 2017-18 Academic Year

**8. Service Activities (within and outside of the institution)**

- Chairman of College ABET Committee
- Director of FAST Center
- Member of PVAMU Institutional Effectiveness Council
- Co-Chair PVAMU SACS Data Team
- Member of University Curriculum Committee
- Served on the Advisory Committee of the State of Texas Railroad Commission's Alternate Fuels Research & Education Division since 2003 to 2010.

## 9. Publications and Presentations from the Last Five Years

- i. "Experimental and Theoretical Investigation of Ignition Temperature and Vapor Explosion of the Aluminum-Water Reaction", Biney, Paul; Lee, Kevin, International Conference on Nuclear Engineering (ICONE26) London, UK, July 22-26, 2018,
- ii. "Effects of Extended Surfaces on Temperature Distribution inside a Fixed-bed Biofuel Pyrolysis Reactor", Kamau M. Tillmuth, Paul O. Biney, Proceedings of the ASME 2015 International Mechanical Engineering Congress & Exposition IMECE 2015, Paper Number IMECE2015-52232.
- iii. "Collaboration between IT and Academics for Successful Assessment", Felecia M. Nave, Charlene Stubblefield, Paul Biney, James Palmer, Michael Nojeim and Rahim Quazi, 2015 AAC&U Centennial Annual Meeting, 01/21-01/24/2015, Washington, DC.
- iv. "Kinetics of the Pyrolysis of Arundo, Sawdust, Corn Stover and Switch Grass Biomass by Thermogravimetric Analysis Using a Multi-stage Model", Paul O. Biney, Michael Gyamerah, Jiacheng Shen, and Bruna Menezes, Bioresource Technology, 2014.
- v. Ashley Merritt, Paul O. Biney, Michael Gyamerah "*Multistage Model for Biomass Pyrolysis Using Thermogravimetric Data*", Texas A&M University System 11th Annual Pathways Student Research Symposium, Kingsville, Texas, 11/08/2013.
- vi. "Determination of Carbon, Hydrogen, Nitrogen, Sulfur, Oxygen Elemental Composition and Moisture Content of Biomass for Biofuels Research", Magen Norwood, Paul O. Biney, Michael Gyamerah, Texas A&M University System 11th Annual Pathways Student Research Symposium, Kingsville, Texas, 11/08/2013.
- vii. "Graded Organic-Inorganic Hybrid Materials for Extreme Environments", Paul O. Biney, Remi Oki, 2013 AFRL Sponsored Minority Leaders Program Technical Conference, Dayton, Ohio, September 4-6, 2013.

## 10. Brief List of Most Recent Professional Development Activities

- ABET Symposium, Dallas, Texas, April 10-13, 2019
- 26th International Conference on Composites or Nano Engineering (ICCE-26), Paris, France, July 15-21, 2018
- International Conference on Nuclear Engineering (ICONE26), London, UK, 7/22-26, 2018.
- International Mechanical Engineering Congress & Exposition, Houston, Texas, November 13-19, 2015.
- ABET Symposium and Workshop on Fundamentals of Program Assessment, Atlanta, April 23-24, 2015.
- Air Force Research Lab, Minority leaders program presentation on "Graded Organic-Inorganic Hybrid Materials for Extreme Environments", Dayton, Ohio, August 2013.
- Minority leaders program conference, "Processing, Fabrication & Characterization of Hybrid Materials", Baton Rouge, Louisiana, November 2011.
- Texas A&M University Annual Assessment Conference, College Station, Texas, February 2009. Attended the three days conference and workshops.
- ASEE National Conference and Exposition, June 2008, Pittsburg, PA. Attended and presented a paper on "Development of Performance Criteria for Assessing Program Outcomes in Engineering, Engineering Technology and Computer Science Program".