

1. **Name: Sheena M. Reeves, Ph.D.**
2. **Education:**
B.S., Chemical Engineering, Mississippi State University, Mississippi State, MS, 2006
Ph.D., Engineering (Chemical Engineering), Mississippi State University, Mississippi State, MS, 2011
3. **Academic experience:**
Prairie View A&M University, Associate Professor, September 2020 – Present, full-time
Prairie View A&M University, Assistant Professor, 2014 – 2020, full-time
Prairie View A&M University, Adjunct Instructor, 2012 – 2014, full-time
4. **Non-academic experience:** N/A
5. **Certifications or professional registrations:**
Materials Certification, Bagley College of Engineering, Mississippi State University, 2010
6. **Current membership in professional organizations:**
American Institute of Chemical Engineers (AIChE); South Texas section of AIChE (STS-AIChE); American Society for Engineering Education (ASEE); Gulf Southwest Section of ASEE (GSW ASEE); National Society of Black Engineers – Houston Chapter (NSBE-HP) Order of the Engineer
7. **Honors and awards:**
 - i. Best Faculty Paper Award, ASEE GSW, March 2022
 - ii. South Texas section-AIChE 2018 Best In-Practice Paper, awarded October 2019
 - iii. Supervisor of PVAMU Graduate Employee of the Year, 2019
 - iv. Outstanding Faculty Teaching Award, Roy G. Perry College of Engineering, 2018
 - v. Invited Speaker, WIC 20th Anniversary Symposium, AIChE Annual Meeting, Pittsburg, PA, October 2018
 - vi. Invited Panelist, AIChE Annual Student Conference, Executive Leadership Panel, Pittsburg, PA, October 2018
 - vii. South Texas Section (STS) AIChE 2017 Outstanding Young Professional Award
 - viii. NSBE-HP, STEM Teacher of the Year Award, 2017-2018
 - ix. Outstanding Faculty Service Award, Roy G. Perry College of Engineering, 2017
 - x. American Institute of Chemical Engineers (AIChE) 35 under 35 Award, 2017
8. **Service activities (SHORT LIST):**
 - i. Sloan Foundation – Equitable Pathways Initiative Steering Committee, 2021 – 2022
 - ii. College of Engineering Faculty Governance Council – Member 2021 – 2022; Chair 2022
 - iii. Faculty Senator - Member 2014 – 2016, 2020 - 2022
 - iv. AIChE Societal Impact Operating Committee - Member, 2015 – 2021; Vice Chair 2019; Chair 2020; Past Chair 2021; DEI Taskforce 2020 - 2021
 - v. AIChE WIC Member, 2015 – Present, Spring Programming co-Chair, 2021
 - vi. AIChE Particle Technology Forum, co-Chair of Breakage and Comminution, 2021; Chair of 3D Design Applications, 2022
 - vii. Future of STEM Scholars Initiative (FOSSI), Scholarship Reviewer, 2021
 - viii. OXE Advisor: 2015 – Present; CHEG Freshman Advisor: 2019 - 2022
 - ix. Search and Hiring Committees - Engineering Dean 2018; Assistant Professors 2019; Assistant Dean 2020

- x. Reviewer for ASEE Conference papers, European Scientific Journal, and NSF grants.
- xi. AIChE STS Executive Committee - Position 2 – Outreach Director 2016 – 2017 (Term 1), 2018 -2019 (Term 2)
- xii. Volunteer for MATHCOUNTS competition, FLUOR, Sugarland, TX, 2019
- xiii. Creator/Leader, Chemical Engineering Monthly Seminar Series, PVAMU, 2017 – Present

9. Important Publications and Presentations from the Last Five Years:

- i. Reeves, S. M. (2022, March), “Factors Affecting the Success Rate of First Year Chemical Engineering Students.” Paper presented at 2022 ASEE Gulf Southwest Annual Conference, Prairie View, Texas. <https://peer.asee.org/39182>
- ii. Rincon, Y. B., & Reeves, S. M. (2022, March), “Design of 3D Printed Molds for Tablet Formation.” Paper presented at 2022 ASEE Gulf Southwest Annual Conference, Prairie View, Texas. <https://peer.asee.org/39170>
- iii. Reeves, S. M., Jackson, J., and A. Lawal, “Characterization and surface impact of paracetamol granules formed by binder dropping,” *Journal of Drug Delivery Science and Technology*, 61, February 2021, 102153.
- iv. Priscilla J. Hill and Sheena M. Reeves, “Effect of particle breakage conditions on child particle aspect ratio,” *Powder Technology*, 355, 564-572, (2019).
- v. Matthew N.O. Sadiku, Sheena M. Reeves, and Sarhan M. Musa, “The Impact of Computational Pharmacology,” *European Scientific Journal*, 15(9), 151-156, (2019).
- vi. Reeves, S.M, and A.K. Thompson, “HBCUs and Chemical Engineering: Analysis of Baccalaureate Programs,” *Chemical Engineering Education*, 52 (2), 72-78, (2018).
- vii. S.M. Reeves, “The Role of Chemical Engineers in Pharmaceutical Development,” *Invited Talk*, WIC 20th Anniversary, AIChE, November 2018.

10. Most recent professional development activities (SHORT LIST):

- i. AIChE Spring Meetings - San Antonio 2022; Virtual 2021; Virtual 2020; New Orleans 2019; Orlando 2018
- ii. NSBE Annual Convention - Virtual 2021
- iii. AIChE Annual Meetings - Boston 2021; Virtual 2020; Orlando 2019; Pittsburg 2018
- iv. ASEE Annual Conference, Minneapolis 2022; Virtual 2020; Salt Lake City 2018
- v. Quality Matters/Online Teaching Certification, PVAMU/CANVAS - May 2020
- vi. Southwest Process Technology Conference - Sugar Land, TX, October 2019
- vii. GSW ASEE Meeting - PVAMU 2022; UT-Tyler 2019; Austin, TX 2018
- viii. Order of the Engineering Ceremony – AIChE Pittsburg, PA, November 2018
- ix. Southwest Process Technology Conference – Sugar Land 2019; Galveston 2018
- x. World Congress on Particle Technology - Orlando, FL, April 2018
- xi. HYSYS Training for CHEG Faculty - PVAMU April 2018
- xii. Process Safety SACHE/CCPS at LyondellBassel - Channelview, TX, January 2018