Shamim Ara Begum, Ph.D., P.E.
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Education:

Ph.D.	2009	Civil and Environmental Engineering	University of Nevada Las Vegas (UNLV), USA
M.Sc.	2003	Sanitary Engineering	UNESCO-IHE institute for Water Education, Delft, The Netherlands
M.E.	2001	Environmental Engineering	Bangladesh University of Engineering and Technology, Dhaka, Bangladesh
B.Sc.	1997	Civil Engineering	Bangladesh University of Engineering and Technology, Dhaka, Bangladesh

Academic Experience:

June 2022	Present	Interim Department Head, Department of Chemical Engineering, Tuskegee University
June 2016	Present	Associate Professor, Department of Chemical Engineering, Tuskegee University
Oct. 2010	May 2016	Assistant Professor, Department of Chemical Engineering, Tuskegee University
Aug. 2009	Sep. 2010	Instructor, Department of Chemical Engineering, Tuskegee University
Aug. 2004	Dec. 2006	Teaching Assistant, Civil & Environmental Engg. Dept., University of Nevada Las Vegas

Industrial Experience:

2007-2009 Program Assistant, Clark County Water Reclamation District, Las Vegas

1999-2001 Assistant Engineer, Department of Public Health Engineering, Dhaka, Bangladesh

1998-1999 Engineer, House of Consultant [illegible] Bangladesh

Board Certification:

Professional Engineer ([illegible] Alabama L[illegible] No[illegible]

PEs

Presented a poster in the SETAC North America 38th Annual Meeting, Minneapolis, MN, USA, Nov. 12-13, 2017.

6. Qwanikwia Hicklen, Taylor Crocker, **Shamim A. Begum** and Ben Oni. Sorption Characteristics of Nitrogen and Phosphorus onto Biochar from Aqueous Solution. DOE Projec
   Sep. 14, 2017.
7. Tierra Webster, David Baah, Ben Oni, **Shamim A. Begum**. Adsorption of Aqueous Ammonium-Nitrogen. Presented in the Eighth Joint Annual Research Symposium, Tompkins Hall, Tuskegee University (TU), Tuskegee, March 17, 2017.
8. Shaylynn Crum, Tierra Webster, **Shamim A. Begum**. Adsorption of Hexavalent

   Summer 2016 Research, TU, Sep. 13, 2016.
9. **Shamim A. Begum**, AHM Golam Hyder, Nader Vahdat. Adsorption Characteristics of

146, 2015.

5. Tamara Floyd-Smith

Synergistic Activities:

Member, College of Engineering Personnel Committee (Tenure & Promotion), October 11, 2023 - Present

Chair, COE Grading Review Committee, Fall 2022 and Spring 2023

Co-Director, MS and PhD programs in Agricultural and Environmental Sciences Engineering, June 2022 - Present

Chair, Faculty Hiring Committee, Chemical Engineering Department, TU, October, 2022 - Present

Chair, COE Ad hoc Grading Review Committee, from January 31, 2022 - February 14, 2022.

Chair, COE Ad hoc Committee on Student Performance Expectation, January 25, 2021

Advisor: Omega Chi Epsilon Honor Society, Tuskegee University (TU), January 2010-Present

Academic Advisor: Chemical Engineering Department, TU, Spring 2010-Present

Member: Graduate Council, May 25, 2023 - Present, TU

Member: Faculty Senate, TU, SP2016 SP2018

Member: Award Committee, College of Engineering, TU, August 2011-present

Member: Civil Engineering Planning Committee, College of Engineering, TU, Spring 2011-Fall 2011

Member: TU Judicial System, April 2015 - present

Member: Student Code of Conduct Review Committee, TU, June 2015 - Present

Member: Educational Policy Committee, College of Engineering, TU, November 2015 Present

Member: Faculty Search Committee, Chemical Engineering, TU, Fall 2013-present

Member: Biosafety Committee, TU, Tuskegee, October 2019 - 2022

Judge: The "Sixth Joint Annual Research Symposium", Kellogg Hotel and Conference Center, TU, Tuskegee, on February 26-27, **2015**.

Judge: The "Seventh Joint Annual Research Symposium", Kellogg Hotel and Conference Center, TU, Tuskegee, March 17-18, **2016**.

Judge: The "Eight Joint Annual Research Symposium",