



Research Interests

- Microbial Source Tracking
- Molecular Mechanisms of Human Factor H
- Environmental Monitoring

Future Research

- Genomics

Nurul Alam, Ph.D.

7101 University Avenue ■ Texarkana, TX 75503 ■ 903.334.6671 ■
Nurul.alam@tamut.edu ■ Office SCIT 309K

Professor of Biology 2006 to Present Texas A&M University-Texarkana

Recently Taught Courses (Past 2 Years)

BIOL 1308: Biology for non-Majors I	BIOL 481: Seminar in Biology
BIOL 1309: Biology for non-Majors II	BIOL 311: Gen. Microbiology
BIOL 310: Genetics	BIOL 402: Cell & Mol. Biol.
BIOL 312: Botany	IS 1100: Univ. Foundations

Education

GIFU UNIVERSITY – GIFU, JAPAN
Ph.D. Bio-resource Science, 1998

SHINSHU UNIVERSITY – NAGANO, JAPAN
M.S. in Bioscience and Biotechnology, 1995

UNIVERSITY OF DHAKA – DHAKA, BANGLADESH
M.Sc. in Microbiology, 1989
B. Sc. (honors), Major: Botany, Minors: Zoology, and
Biochemistry, 1988

Academic Experience

TEXAS A&M UNIVERSITY- TEXARKANA; Texarkana, TX
Professor of Biology, 9/17 - to Present
Associate Professor of Biology, 9/09 to 8/17
Assistant Professor of Biology, 9/06 to 8/09

JARVIS CHRISTIAN COLLEGE, Hawkins, TX
Assistant Professor of Biology, 09/02 – 8/06

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER, TYLER
Postdoctoral Research Associate/Visiting Scientist (PRN), 09/02 – 8/12
Postdoctoral Research Associate, 1/99 – 8/02

UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADA
Postdoctoral Research Associate, 4/98 – 12/98

Significant Professional Publications (last 5 years)

- Haque, A, Cortes C, M. **Alam M. N.**, Sreedhar M., Ferreria V., and Pangburn M. K., Characterization of binding properties of individual functional sites of complement factor H, 11, *Frontiers in Immunology*, 11, article 1228, 2020.
- Haque, A, Cortes, C, **Alam, M.N.**, Sreedhar, M., Ferreira, V., and Pangburn, M.K., Characterization of binding properties of individual functional sites of complement Factor H, International Complement Workshop, Santa Fe, New Mexico, September, 2018.
- **Alam, M.N.**, Jackson, D., Thompson, A., and Simoneau, D., Indicator Bacterial Source Tracking in Selected Bodies of Water in Northeast Texas, IASTEM – 523rd International Conference on Environment and Natural Science (ICENS), Proceedings of IASTEM Conference, Dhaka, Bangladesh, December, 2018.