

Azime Serpil Saydam, Ph.D.

Associate Professor of Mathematics, Interim Dean
College of Science, Engineering and Technology
Texas Southern University, Houston, TX77004

Telephone: (713) 313 1396/7007
Fax : (713) 313 1928
E-mail: Azime.Saydam@tsu.edu

PROFESSIONAL PREPARATION

Ege University, Izmir, Turkey	B.S. Mathematics	June 1985
University of Nebraska-Lincoln	M.S. Mathematics	December 1991
University of Nebraska-Lincoln	Ph.D. Mathematics	December 1998

APPOINTMENTS

September 1, 2018 - Present	Interim Dean, College of Science, Engineering and Technology, Texas Southern University
January 2011- September 30, 2018	Department Chair, Department of Mathematics, Texas Southern University
January 2010-December 2010	Department Head, Department of Mathematics and Physics, University of Louisiana at Monroe
August 2009-December 2009	Assistant Department Head, Department of Mathematics and Physics, University of Louisiana at Monroe
August 2005-December 2010	Associate Professor, Department of Mathematics and Physics, University of Louisiana at Monroe
August 1999-2005	Assistant Professor, Department of Mathematics, University of Louisiana at Monroe
August 1994-December 1997	Graduate Teaching Assistant, Department of Mathematics and Statistics, University of Nebraska-Lincoln
August 1998-December 1998	Graduate Teaching Assistant, Department of Mathematics and Statistics, University of Nebraska-Lincoln

PUBLICATIONS

- The spectra of birational extensions of two dimensional power series rings with C. Eubanks-Turner and M. Luckas, Communications in Algebra 41 no 2 (2013), pp. 703-735.

- Assessing the Performance of College Algebra Using Modularity and Technology: A Two Year Case Study of NCAT's Supplemental Model with A. Dale Magoun, David Hare, Charlotte H. Owens, Elizabeth T. Smith, submitted, SITE 2010 Conference Proceedings, March 29, 2010.
- Reversing the pattern of low performance in college algebra using the National Center for Academic Transformations' Roadmap to Redesign approach with A. Dale Magoun, Charlotte H. Owens, Elizabeth T. Smith, ED-MEDIA 2008 Conference Proceedings, Vienna, Austria June 30, 2008.
- iCAM&T - Integrating college algebra with modularity and technology with A. Dale Magoun, Stephen P. Richters, Charlotte H. Owens, Elizabeth T. Smith, Proceedings of Society for Information Technology & Teacher Education International Conference 2008 (pp. 4505-4509).
- On the ascent of completely integrally closed property to simple overrings with A.J. Hetzel, Communications in Algebra 34 no 11(2006), pp. 4157-4165.

Other significant publications

- On the ascent of ACCP to simple overrings with A.J.Hetzel, Communications in Algebra 33 no 9(2005), pp. 3149-3155.
- Prime ideals in birational extensions of two-dimensional domains over orders, with S. Wiegand, Journal of Pure and Applied Algebra 201 (2005), pp. 142-153.
- Completions, valuations and ultrapowers of Noetherian domains with B. Olberding and Jay Shapiro, Journal of Pure and Applied Algebra 197 (2005), pp. 213-237.
- Ultraproducts of commutative rings, with B. Olberding, Commutative Ring Theory and Applications 231(2002), pp.369-387.
- Noetherian domains with the same prime ideal structure as the polynomials over the odd denominators rationals, with S. Wiegand, The Arabian Journal for Science and Engineering 26(2001), pp.187-199.

SYNERGISTIC ACTIVITIES

Grants Awarded:

- Targeted Infusion Project: Establishment of an Undergraduate Peer-Mentor Project-Based Program in STEM at Texas Southern University: Co-PI, June 1, 2017 to May 31, 2020, \$393,985.
- NSH HBC-UP: Conference: Invitation to Mathematics: PI, August 1, 2018 to July 31, 2019, \$17,312.

Presentations

- "COST Recitation Development", COST Faculty Open Forum, TSU COST Enhancement Session Series, November 5, 2014.
- Thomas F. Freeman Honors College Faculty Fellow Presentation, Thomas F. Freeman Honors College, TSU, September 29, 2014.
- "On the Ascent of Properties Related to Unique Factorization Domains", invited colloquium presentation at the Sam Houston State University, Huntsville, TX, April 11, 2012.

Collaborators and Other Affiliations (within the last 48 months):

- Dr. Yunjiao Wang, Texas Southern University, COSET
- Dr. Alamelu Sundaresan, Texas Southern University, COSET
- Dr. Mark Harvey, Texas Southern University, COSET
- Dr. John, Sapp, Texas Southern University, COSET
- Dr. Collette Bloom, Texas Southern University, College of Education
- Dr. Bernnell Peltier-Glaze, Texas Southern University, College of Education
- Dr. Ken Smith, Sam Houston State University
- Dr. Tuncay Aktosun, University of Texas-Arlington