

Dr. Benton Tyler

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Station 6491
Montevallo, AL 35115

Education

2005 Doctor of Philosophy, Mathematics, University of Mississippi
2002 Master of Science, Mathematics, University of Mississippi
2000 Bachelor of Science, Mathematics, Delta State University

Work Experience

University of Montevallo

Positions:

2011-present Associate Professor of Mathematics
2005-2011 Assistant Professor of Mathematics

Classes taught:

- Tabletop RPGs (GSD 295)
- Intermediate Algebra (Math 131)
- Pre-Calculus Algebra (Math 144)
- Finite mathematics (Math 147)
- Pre-Calculus Trigonometry (Math 149)
- Pre-Calculus Algebra & Trigonometry (Math 150)
- The Nature of Mathematics (Math 154)
- Introduction to Statistics (Math 157)
- Basic Mathematics for Elementary Teachers I (Math 160)
- Basic Mathematics for Elementary Teachers II (Math 162)
- Calculus I (Math 170)
- Survey of Mathematics (Math 185)
- Mathematics of Games (Math 202)
- Introduction to the History of Mathematics (Math 205)
- Introduction to Discrete Mathematics (Math 247)
- Introduction to Graph Theory (Math 287)
- Graph Theory (Math 387)
- Special Topics (Math 395)
- Directed Reading in Mathematics (Math 484)
- Senior Seminar (Math 485)
- Special Topics (Math 595)
- Undergraduate Research (UR 300)
- Becoming 101 (UM 101)

Committee work:

- Faculty Senate [2009-2014]
 - Faculty Senate President [2012-2013]
 - Governance & Senate Operations subcommittee (also served as chair) [2011-2014]
 - Finance, Benefits and Resources subcommittee (also served as chair) [2009-2011]
- Undergraduate Curriculum and Standards Committee [2011-2014]
- Traffic Appeals Committee (also served as chair) [2006-present]
- Intercollegiate Athletics Committee (currently chair) [2006-present]
 - Sports Expansion subcommittee [2009-2010]
- Technology Advisory Council, alternate member [2009-2010]
- Hiring committee chair, Director of Athletics [2014]
- Hiring committee co-chair, Game Studies & Design Professor [2011]
- Hiring committee, Tennis coach [2014]
- Hiring committee, Softball coach [2013]
- Hiring committees, Mathematics Professor (5 positions) [2005-2008, 2011-2013]
- Interdisciplinary Studies major development committee [2010-2011]
- Numerous Teacher Education Program (TEP) committees [2006-2012]
- Space Utilization Committee [2012-2013]
- President's Cabinet [2012-2013]
- General Education Review Committee [2012-2015]
- RPM Committee [2015]

Other service and activities:

- Faculty Athletics Representative [2014-present]
- Faculty Adviser, Montevallo Organization of Gaming (MOG) [2005-present]
- Faculty Co-Adviser, University of Montevallo Cosplay Association (UMCA) [2015-present]
- Assisted in establishing and helping to maintain the Game Studies & Design minor at Montevallo
- Assisted in establishing and funding the Melanie Tyler Owen Memorial Scholarship at Delta State University
- Advised roughly fifteen mathematics senior seminar projects
- Advised two undergraduate research projects
- Served as the coordinator for selecting recipients for various mathematics scholarships
- Served as the academic adviser for numerous students, including mathematics and non-mathematics majors
- Ran a week-long games summer camp for Birmingham middle school children [2015]
- Served in numerous volunteer activities as a member of the Alabama Garrison of the 501st. These activities include raising money for various charities, as well as volunteering with events at Birmingham Children's Hospital, Pinson public library, Hoover public library, Alabaster public library, and other places.
- Worked at various recruiting events for the mathematics program

- Worked at numerous events recruiting for the Game Studies and Design minor. These events include Play-On-Con, Alabama Phoenix Festival, Kami-Con, Birmingham Game Days, and Dice-Tower Con
- Gave several guest talks to various classes at the University of Montevallo
- Won the 12th annual life raft debate
- Participated in the 13th annual Life Raft Debate
- Spoke to students at Montevallo High School
- Worked with the Future Falcons and gave lectures to middle school students involved with the program
- Gave a lecture to students from the Jewish Day School of Birmingham
- Worked as a volunteer judge for the Greek Week games
- Served as a judge at the Baptist Student Union's Mr. Motown competition
- Assisted in establishing a mathematics trail for local high school students
- Took University of Montevallo mathematics majors to the University of Mississippi on trips to explore the graduate program in mathematics

Publications

- W. Staton and B. Tyler, *On Tiling the n -Dimensional Cube*, Mathematics Magazine, volume 78, number 4, (2005), 305-309.
- W. Staton and B. Tyler, *On the Extremal Question for Odd Girth*, Bulletin of the ICA, volume 47, (2006), 33-36.
- W. Staton and B. Tyler, *On the Erdos Square-Packing Conjecture*, Geombinatorics, XVII (2), (2007), 88-94.
- W. Staton and B. Tyler, *On Visible Tilings*, Geombinatorics, *to appear* (expected publication date: early 2016).
- C. Martin and B. Tyler, *Descent to Munchkin: From Pen-and-Paper to Board and Card*, *to appear* in an as yet-untitled edited collection (expected publication date: late 2015 or early 2016).

Professional Memberships

- Mathematics Association of America

Honors and Awards

- University of Montevallo Faculty Service Award (2014)
- Resolution of Appreciation from the University of Montevallo Board of Trustees (2013)