

CURRICULUM VITAE

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ACADEMIC APPOINTMENTS

Assistant Professor St. Edward's University, Austin, TX	August 2014 – present
Visiting Assistant Professor St. Edward's University, Austin, TX	August 2012 – August 2014
Teacher of Record (as a graduate student) Baylor University, Waco, TX	August 2007 – August 2012
Math Lab Instructor and Teaching Assistant Baylor University, Waco, TX	August 2006 – August 2007

Courses Taught: College Algebra, Business Precalculus, Business Calculus, Precalculus, Calculus Lab, Calculus I, Calculus II, Ordinary Differential Equations, and Introduction to Analysis (TA)

EDUCATION: BAYLOR UNIVERSITY, WACO, TX

Ph.D., Mathematics, Dissertation: <i>Orbit Structures of Homeomorphisms</i> Advisor: Brian Raines, D.Phil.	August 2012
M.S., Mathematics	May 2011
B.S., Mathematics, <i>Summa cum Laude</i>	May 2006

PUBLICATIONS

- C. Good, S. Greenwood, B. Raines, C. Sherman, A compact metric space that is universal for orbit spectra of homeomorphisms. *Advances in Mathematics* (2012).
- C. Sherman, A Lebesgue-like measure for inverse limit spaces of piecewise strictly monotone maps of an interval, *Topology and its Applications* (2012).
- C. Sherman, Characterizing orbit structures of homeomorphisms on Cantor sets, (2014), *under review*.
- C. Good, S. Greenwood, B. Raines, C. Sherman, Characterizing orbit structures of homeomorphisms on continua, 2014, *preprint*.

INVITED TALKS

<i>Orbit structures of homeomorphisms on continua</i> Summer Conference on Topology and its Applications, Staten Island, NY	July 2014
<i>Dynamical systems, chaos, and symbolic dynamics</i> University of Mary Hardin-Baylor, TX	April 2014
<i>Orbit structures which imply the existence of a nondegenerate connected subset</i> Spring Topology and Dynamics Conference, Tyler, TX	March 2011
<i>Periodic orbits which shadow a \mathbb{Z}-orbit</i> Topology Seminar, The University of Auckland, Auckland, New Zealand	April 2010

OTHER TALKS

<i>Orbit structures of homeomorphisms on Cantor sets</i> Joint Mathematics Meetings, Baltimore, MD	January 2014
<i>Online Homework in the General Education Mathematics Courses (with Jason Callahan, Monica Ciccicarelli, Edward Early and Carol Gee)</i> Teaching Symposium 2013: A Conference on College Teaching, St. Edward's, Austin, TX	August 2013

<i>A characterization of homeomorphisms on Cantor sets by orbit structures</i> Joint Mathematics Meetings, Boston, MA	January 2012
<i>A Lebesgue-like measure for inverse limit spaces of multimodal maps of an interval</i> Spring Topology and Dynamics Conference, Gainesville, FL	March 2009
<i>Using inverse limits to construct an arcless continuum</i> Baylor Topology and Dynamics Seminar, Waco, TX	Fall 2008

UNDERGRADUATE RESEARCH SUPERVISION

Discrete Bidding Nim, Justin Myers	Fall 2014 – present
Extending Instant Insanity II, Alex Rudder	Fall 2014 – present
Periodic Orbits of Billiards on an Equilateral Triangle, Joseph Grantham Presented: TUMC, Oct. 2013, Texas Section of MAA, April 2014	November 2012 – Summer 2014
Dots’N’Boxes, Noah Whitaker	Summer 2014
A Bayesian Skill Rating for NCAA Basketball, Alvin Chen Presented at Texas Section of the MAA, April 2014	November 2012 – May 2014
A Square Tiling of the Quarter Plane, Gregory Popelka	November 2012 – May 2014
Chaotic Dynamical Systems and Symbolic Dynamics, Elia Norton and Nick Soberon Presented at 2013 LLC/TG Summer Research Symposium	Summer 2013

SERVICE

Travel Policy Review Committee	Spring 2015
Quality Enhancement Plan Committee	Spring 2015
SOURCE Co-Chair	Spring 2015
Precalculus Course Coordinator	Fall 2013 – present
SOURCE Committee (Symposium on Undergraduate Research and Creative Expression)	Fall 2013 – Fall 2014
Article Review, PRIMUS	August 2014
Calculus Lab Course Redesign Updated, typed, and redesigned old worksheets Designed two new labs	Summer 2014
J-Source Editorial Board	Fall 2013
McNair Research Journal Reviewer	Fall 2013
Precalculus Course Redesign Committee Evaluated topics covered Selected new textbook Designed new homework in online platform	Summer 2013
Internal Department Review Committee	Fall 2012
University Mathematics Placement Test Search Committee	Fall 2012

GRANTS, FELLOWSHIPS AND OTHER HONORS

Mentored undergraduate research Bro. Romard Scholarship	Summer 2014
Mentored undergraduate research under NSF STEP Grant #0969153	Summer 2013
Mentored undergraduate research funded by TG's Public Benefit Grant Program, 2012-2015	Summer 2013
Project NExT Fellow	2013 – 2014
Baylor Presidential Scholar	August 2006 – August 2011
Graduate Student Teaching Award	Spring 2008
Phi Beta Kappa	Spring 2006

CONFERENCES ATTENDED

MAA Mathfest, Portland, OR	August 2014
Summer Conference on Topology and its Applications, Staten Island, NY	July 2014
Texas Section Meeting of the MAA, Laredo, TX	April 2014
Joint Mathematics Meetings, Baltimore, MD	January 2014
MAA Mathfest, Hartford, CT	August 2013
Texas Section Meeting of the MAA, Lubbock, TX	April 2013
Joint Mathematics Meetings, Boston, MA	January 2012
Spring Topology and Dynamics Conference, Tyler, TX	March 2011
AMS Central Sectional Meeting, Baylor University, Waco, TX	October 2009
Spring Topology and Dynamics Conference, Gainesville, FL	March 2009

MEMBERSHIPS

American Mathematical Society
Mathematical Association of America