

PhDs since 2000

- Darren Narayan
 - May 2000
 - The reversing number of a digraph
 - advisor, Garth Isaak
 - now at Rochester Institute of Technology, Rochester, New York
- Lyn Phy
 - May 2000
 - Applications of weak*-basic sequences and biorthogonal systems to questions in Banach space theory
 - advisor, Andrew Snyder
 - now at Kutztown University, Kutztown, Pennsylvania
- Daniel Rose
 - May 2000
 - Asymptotic behavior of combinatorial optimization and proximity graphs on random point sets
 - advisor, Joe Yukich
 - Now at Mercer County Community College, West Windsor Township, New Jersey
- Michael Fisher
 - May 2001
 - Topics in v_1 -periodic homotopy theory
 - advisor, Donald Davis
 - Now at West Chester University, West Chester, Pennsylvania
- Lisa Marano
 - May 2001
 - On the global and local moduli of continuity of Brownian motion with applications to mathematical finance
 - advisor, Vladimir Dobric

- Now at West Chester University, West Chester, Pennsylvania
- Tom Shimkus
 - May 2002
 - Immersions of 2-torsion lens spaces
 - advisor, Don Davis
 - Now at University of Scranton, Scranton, Pennsylvania
- Mike Fraboni
 - May 2002
 - Some q -convexity properties of coverings of convex manifolds
 - advisor, Terry Napier
 - Now at Moravian College, Bethlehem, Pennsylvania
- Leyla Batakci
 - June 2002
 - Cohomology of the Steenrod algebra mod nilpotents
 - advisor, Don Davis
 - Now at Elizabethtown College, Elizabethtown, Pennsylvania
- John Frommeyer
 - January 2003
 - Arithmetic on free abelian groups
 - advisor, Clifford Queen
 - Now a Programmer/Analyst at the University of Pennsylvania, Philadelphia, Pennsylvania
- Miranda Teboh-Ewungkem
 - May 2003
 - Mathematical analysis of oxygen and substrate transport within a multicapillary system in skeletal muscle
 - advisor, Eric Salathe
- Tracy Bowers
 - May 2003

- Characterization of minimal submanifolds by total Gaussian curvature
 - advisor, David Johnson
- Katarzyna Potocka
 - May 2004
 - Number of summands in v_1 -periodic homotopy groups of $SU(n)$
 - advisor, Don Davis
 - Now at Ramapo College, NJ
- Beth Shimkus
 - May 2004
 - Limit theory for functionals on random bipartite sets
 - advisor, Joe Yukich
- Trisha Moller
 - May 2004
 - t-split interval orders
 - advisor, Garth Isaak
 - Now at Moravian College
- Francisco Ojeda
 - January 2006
 - Orthonormal expansions for Gaussian processes
 - advisor, Vladimir Dobric
- Brian Heinold
 - May 2006
 - Sum List Coloring and Choosability
 - advisor, Garth Isaak
 - Now at Mount St. Mary's College, Emmitsburg, Md.
- Nate Shank
 - May 2006
 - Limit theorems for random Euclidean graphs
 - advisor, Joe Yukich
 - Now at Moravian College, Bethlehem, Pennsylvania

- Murugiah Muraleetharan
 - May 2006
 - Evolution of curves by curvature flow
 - advisor, David Johnson
- Nasrine Bendjilali
 - May 2007
 - New approaches to multiple comparisons
 - advisor, Wei-Min Huang
 - Now at Rowan University
- Clement Akongnwi Mformbele
 - May 2007
 - Time Dependent and Steady State Interaction Among Capillaries in Skeletal Muscle
 - advisor, Eric Salathe
- Xiaoxue Li
 - May 2007
 - Some properties of the v_1 -periodic spectrum associated to exceptional Lie groups
 - advisor, Don Davis
 - Now at Emory and Henry College
- Jennifer Gorman
 - July 2007
 - Nested Traveling Salesperson Problems
 - advisor, Garth Isaak
- Ellen Panofsky
 - May 2008
 - Graph Labeling Problems with Distance Conditions
 - advisor, Garth Isaak
 - Now at Temple University
- Patrick Gorman
 - August 2008

- Stability of a terrestrial Planet in a planetary System with a Hot Jupiter
 - advisor, George McCluskey
 - Now at University of Nevada, Las Vegas
- Joel Mohler
 - May 2009
 - Residues of Weyl Group Multiple Dirichlet Series
 - advisors, Gautam Chinta and Bruce Dodson
 - Software developer
- Huiyu Qian
 - May 2009
 - On Data-driven Chi square statistics
 - advisors, Bennett Eisenberg and Wei-Min Huang
 - Now at San Diego State University
- Nicholas Zoller
 - August 2009
 - Galois Groups of CM Fields of Degrees 12, 16, 18, 20 and 24
 - advisor, Bruce Dodson
 - Now at Southern Nazarene University
- Charles Buehrle
 - May 2010
 - The Hecke Algebra of the Symmetric Group and the Quantum Immanant Space
 - advisor, Mark Skandera
 - Now at Notre Dame of Maryland University
- Christopher Godbout
 - May 2010
 - On the Behavior of Chern-Simons Classes under Ricci Flow
 - advisor, David Johnson
- Jonelle Hook
 - May 2010

- The Classification of critical graphs and Star-critical Ramsey Numbers
 - advisor, Garth Isaak
 - Now at Mount St. Mary's College, Emmitsburg, Maryland
- Justin Lambright
 - May 2011
 - A generalization of Kazhdan and Lustzig's R-polynomials
 - advisor, Mark Skandera
 - Now at Anderson University
- Melissa Stoner
 - May 2011
 - Existence and stability of Standing and Traveling Wave Solutions Arising from Synaptically Coupled Neuronal Networks
 - advisor, Linghai Zhang
 - Now at Salisbury State University
- Karen McCready
 - May 2012
 - Exponent bounds for $SU(n)$
 - advisor, Don Davis
 - Now at King's College, Wilkes-Barre, Pennsylvania
- Meng Zhu
 - May 2012
 - On Stability and Rigidity of Gradient Ricci Solitons
 - advisor, Huai-Dong Cao
 - Now at East China Normal University
- Marina Skyers
 - May 2012
 - A Tale of Two Sequences: A Story of Convergence, Weak and Almost Sure ○
 - advisor, Lee Stanley
 - Now at Penn State Brandywine
- Qiang Chen

- May 2013
 - Some Uniqueness and Rigidity Results on Gradient Ricci Solitons
 - advisor, Huai-Dong Cao
- Brittany Ohlinger (Shelton)
 - May 2013
 - Combinatorial Interpretations of Induced Sign
 - advisor, Mark Skandera
 - Now at Albright College
- Breeanne Swart (Baker)
 - May 2013
 - The k -Fixed-Endpoint Path Partition Problem
 - advisor, Garth Isaak
 - Now at The Citadel
- Patricia Garmirian
 - Sep 2013
 - The Central Limit Theorem and the Estimation of the Concentration of Measure for Fractional Brownian Motion
 - advisor, Vladimir Dobric
- Kathleen Ryan
 - Sep 2013
 - Degree Sequences of Edge-Colored Graphs in Specified Families and Related Problems
 - advisor, Garth Isaak
 - Now at DeSales University, Center Valley, Pennsylvania
- Christopher Haines
 - Jan 2014
 - The Relative Advantage of Knowing an Initiation Time or a Mean Time When Estimating a Parameter from an Exponential Distribution Using Type-II Left Censored Data
 - advisor, Bennett Eisenberg

- Now teaching at Binghamton University
- Alexander Halperin
 - May 2014
 - Subdivisions with Distance Constraints in Large Graphs
 - advisor, Vincent Coll and Colton Magnant
 - Now at Salisbury State University
- Yingying Zhang
 - May 2014
 - Geometric Quantization of Classical Metrics on the Moduli Space of Canonical Metrics
 - advisor, Huai-Dong Cao and Xiaofeng Sun
 - Now at Tsinghua University
- Rivka Win
 - Jan 2015
 - Statistical Comparisons of Time Series
 - advisor, Wei-Min Huang
 - Now at Pennsylvania College of Technology, Williamsport, Pennsylvania
- James T. Long
 - May 2015
 - Computational Topics in Infinite-Time Turing Computation
 - advisor, Lee Stanley
 - Now working as a computer programmer
- Matt Prudente
 - May 2015
 - Two-Player Variation of Graph Pebbling Computational Topics in Infinite-Time Turing Computation
 - advisor, Garth Isaak
 - Now at Alvernia University, Reading, Pennsylvania
- Samuel Clearman

- May 2016
 - Combinatorial Aspects of Hecke Algebra Characters
 - advisor, Mark Skandera
 - Now working as a software engineer
- Xin Cui
 - May 2016
 - On Curvature, Volume Growth and Uniqueness of Steady Ricci Solitons
 - advisor, Huai-Dong Cao
- Sarah Dumnich
 - May 2016
 - A Measure Theoretic Approach to the Construction of Scaling Functions for Wavelets
 - advisor, Vladimir Dobric and Robert Neel
 - Now at St. Vincent College, Latrobe, Pennsylvania
- Cuneyt Ferahlar
 - May 2016
 - A Weitzenböck Formula for Compact Complex Manifolds and Application to the Hopf Conjecture in real dimension 6
 - advisor, David Johnson
- Mackenzie Wildman
 - May 2016
 - The Dobric-Ojeda Process with Applications to Option Pricing and the Stochastic Heat Equation
 - advisor, Daniel Conus and Vladimir Dobric
- Alex Borselli
 - August 2016
 - Galois Groups of CM Fields in Degrees 24, 28, and 30
 - advisor, Bruce Dodson
 - Now at St. Vincent College, Latrobe, Pennsylvania
- Aydin Gerek

- Jan 2017
 - Hendry's Conjecture on Chordal Graph Subclasses
 - advisor, Garth Isaak
 - Now research engineer at Huawei
- William Franczak
 - May 2018
 - K-Triviality and Computable Measures
 - advisor, Lee Stanley
 - Now at The College of New Jersey
- Pamela Gordon
 - May 2018
 - Structural considerations for interval orders with length constraints
 - advisor, Garth Isaak
- Caitlin Owens
 - May 2018
 - Forbidden Subgraphs for Hamiltonian Problems on 2-Trees
 - advisor, Garth Isaak
 - Now data scientist, USDA
- Steve Scheirer
 - May 2018
 - Topological complexity of graph configuration spaces
 - advisor, Don Davis
 - Now at Susquehanna University
- Robert Short
 - May 2018
 - Relative topological complexity of a pair
 - advisor, Don Davis
 - Now at NASA
- Aria Dougherty
 - May 2019

- Regular Functionals on Seaweed Lie Algebras
 - advisor, Vincent Coll
 - Now at Ranger College
- Alan Dyson
 - May 2019
 - Existence, Uniqueness, and Stability of Traveling Waves in Neural Field Models
 - advisor, Linghai Zhang
- Alex Cameron
 - August 2019
 - Combinatorial Index Formulas for Lie Algebras of Seaweed Type and the Unbroken Spectrum of Frobenius Seaweeds
 - advisor, Vincent Coll
- Nicholas Mayers
 - May 2020
 - advisor, Vincent Coll
 - Now at North Carolina State University
- Han Chen
 - May 2021
 - A Clustering-Based Analysis Procedure for Dynamic Models with Blocked Data and Its Applications
 - advisor, Wei-Min Huang
 - Now a machine learning scientist at Wayfair
- Thomas Dickson
 - May 2021
 - Intermittency and the Stochastic Logistic Differential Equation
 - advisor, Daniel Conus
- Jiangtao Yu
 - May 2021
 - Type II self-similar solutions to the Ricci flow and the mean curvature flow

- advisor, Huai-Dong Cao
 - Now at University of Science and Technology of China
- Alan Hylton
 - January 2022
 - On the Cohomology of Seaweed Algebras
 - advisor, Vincent Coll
 - now a Computer Engineer at NASA
- Tianbo Liu
 - May 2022
 - advisor, Huai-Dong Cao
- Nick Russoniello
 - May 2022
 - advisor, Vincent Coll
- Robert McCloskey
 - August 2022
 - advisor, Angela Hicks
- Ruxiao Qian
 - August 2022
 - advisor, Daniel Conus
- James Siene
 - December 2022
 - advisor, Huai-Dong Cao
- Huaqian You
 - December 2022
 - advisor, Yue Yu
- Junming Xie
 - May 2023
 - advisor, Huai-Dong Cao
- Peter Conley
 - August 2023
 - advisor, Garth Isaak
- Mashael Alshammari
 - May 2024
 - advisor,
- Hang Zhao
 - May 2024
 - advisor, Don Davis
- Logan Hambric
 - August 2024
 - advisor, Andrew Harder
- Samantha Miller-Brown
 - August 2024
 - advisor, Angela Hicks
- Jerry Guo

- December 2024
 - advisor, Si Tang
- Ningxi Wei
 - December 2024
 - advisor, Wei-Min Huang
- Xinshuo Wu
 - December 2024
 - advisor, Wei-Min Huang
- Daoyuan Han
 - December 2024
 - advisor, Huai-Dong Cao
- Jacob Hauser
 - May 2025
 - advisor, Garth Isaak
- Caleb Scutt
 - May 2025
 - advisor, Mark Skandera
- Yiming Fan
 - August 2025
 - advisor, Yue Yu
- Peipei Wang
 - August 2025
 - advisor, Daniel Conus