

2006 PhDs

Eighteen PhDs were awarded in mathematics at UW-Madison during 2006. Here are their names, their advisors, present employment(as best we can find out!), and their thesis titles:

Anderson, Jaclyn Ann (Advisor, Ken Ono)

Two Problems in the Theory of T-Core Partitions

Chakrabarti, Debraj (Advisor, J-P Rosay)

Postdoc at University Western Ontario
Approximation of Maps with Values in a Complex or Almost Complex Manifold

Griffeth, Stephen P. (Advisor, Arun Ram)

Postdoc at University of Minnesota
Rational Cherednik Algebras and Coinvariant Rings

Hartwig, Brian (Advisor, Paul Terwilliger)

National Security Agency
Tridiagonal Pairs, the Onsager Algebra, and the Three-Point $(s/l)_2$ Loop Algebra

Hollingsworth, Susan (Advisor, Richard Brualdi)

Visiting Professor at Edgewood College in Madison
Packing trees into complete bipartite graphs

Hur, Youngmi (Advisor, Amos Ron)

C.L.E. Moore Instructor in Pure Math at MIT.
Novel Methodologies for Effective Wavelet Constructions in High Dimensions

Jenkins, Paul (Advisor, Ken Ono)

Hedrick Assistant Professor, UCLA
Traces of Singular Moduli, Modular Forms, and Maass Forms

Leida, Johann K. (Advisor, Alejandro Adem)

Milliman Consulting, in Minneapolis
Orbifolds and Stable Homotopy Theory

Liao, Xiaomei (Advisor, Shi Jin)

Computational High Frequency Waves in Heterogeneous Media

Mahlburg, Karl E. (Advisor, Ken Ono)

C.L.E. Moore Instructor in Pure Math at MIT
The Andrews-Garvan-Dyson Crank

Newton, Benjamin W. (Advisor, Martin Isaacs)

Assistant Professor of Mathematics and Computer Science, Beloit College
Complex p -Solvable Linear Groups of Finite Order

Nguyen, Xuan Hien (Advisor, Sigurd Angenent)

Visiting Assistant Professor at the University of Cincinnati
Construction of Complete Embedded Self-Similar Surfaces Under Mean Curvature Flow

Novak, Kyle A. (Advisor, Shi Jin)

Assistant Professor, Air Force Institute of Technology
A Semiclassical Model for Thin Quantum Barriers

Raichev, Alexander (Advisor, Steffen Lempp)

Postdoctoral Research Fellow,
The University of Auckland
Relative Randomness via rK -Reducibility

Spaeth, Peter (Advisor, Yong-Geun Oh)

Lecturer, Penn State University
Floer homology and engulfable Hamiltonian diffeomorphisms

Sutton, Talieson (Advisor, Tong Hai Yang)

Postdoc at University of Arizona
Automorphic forms on Quaternions and Central L-values

Vasquez, Elisa (Advisors, Steffen Lempp and Patrick Speissegger)

Assistant Professor, Augsburg College
Geometric Partitions of Definable Sets and the Cauchy-Crofton Formula