

DAVID H. CROMBECQUE

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Education

- **Ph.D in Mathematics** University of Southern California, Los Angeles, 2006
Advisor: Ko Honda
- **Masters in Mathematics** University of Sciences and Technologies of Lille, France, 1999

Research Interests

- **Contact Geometry**
- **Low Dimensional Topology and Geometry**

Teaching Experience

- **Lecturer in Mathematics**—,
Bryn Mawr College, 2006-present
 - Calculus 1, Fall 2006
 - Multivariable Calculus (Enriched), Fall 2006
 - Calculus 2, Spring 2007, Fall 2007
 - Linear Algebra, Spring 2007, Spring 2008
 - Differential Equations, Fall 2007
 - Senior Conference: Differential Forms and Contact Geometry, Fall 2007
 - Knot Theory, Spring 2008
- **Peer Led Instruction Coordinator** Peer Led Instruction Program, Bryn Mawr College, 2006-2007
- **Instructor for Johns Hopkins University Center for Talented Youth** California Lutheran University, Summer 2007
- **Teaching Assistant** University of Southern California, 2001-2006
- **Teaching Assistant Mentor** University of Southern California, 2003 and 2004
- **Workshop Facilitator For AP Calculus**, Mathematics, Engineering, Science Achievement (MESA), 2001-2004

Special Programs

- **The Professorate: Preparing for the Future**
Center for Excellence in Teaching, USC, 2003-2004
- **Carnegie Initiative on the Doctorate**
Student Member of a Leadership Team, USC, 2003-2004
- **Preparation Program for Teaching Mathematics in High School and College** University of Sciences and Technologies of Lille, France, 1999-2000

Publications

- **Nonorientable Contact Structures on 3-Manifolds** (preprint)

Talks

- **Bryn Mawr Colloquium** May 2006
- **Haverford Colloquium** September 2006
- **USC topology/geometry seminar** October 2006
- **Philadelphia Area Contact Topology (PACT) seminar** February 2007
- **University of Pennsylvania topology/geometry seminar** September 2007
- **AMS-MAA national meeting, geometry/topology session 1** January 2008