Kyle D. Haven
Curriculum Vitae

General Information

Address:	Department of Mathematics and Statistics
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Education

Ph.D. University of Massachusetts at Amherst, (expected May 2001).
Department of Mathematics and Statistics
Dissertation topic: Equivalence of Ensembles for Models of Turbulence
Advisor: Richard S. Ellis

M.S. with Honors. Northern Arizona University, May 1996.
Department of Mathematics and Statistics

B.A. Magna Cum Laude. State University of New York at Oneonta, May 1991.
Department of Mathematics9

Research Assistantships and Grants

- Supported by a grant from the Department of Energy(DE-FG02-99ER25376) for 1999-2000 academic year.

- Graduate Research Assistantship, T-7 Division, Los Alamos National Laboratory, Summer 1999.
  Sponsor: Richard Jordan

Honors

- Certificate for excellence in teaching by the Division of Continuing Education, University of Massachusetts at Amherst, 1998.

- Certificate for high academic achievement, Department of Mathematics, University of New York at Oneonta, 1991.

Teaching Experience

- Department of Mathematics and Statistics, University of Massachusetts at Amherst, 1996-99. Teaching a wide range of introductory mathematics and statistics courses: Basic Mathematics Skills for the Modern World, Differential Calculus, Integral Calculus, Multivariate Calculus, Introduction to Statistics.

- Department of Mathematics and Statistics, Northern Arizona University, 1994-96.
  Teaching algebra.

- Peace Corps of the United States, 1992.
  Teaching basic math skills in Chad, Central Africa.

Preprints

- "Large Deviation Principles and Complete Equivalence and Nonequivalence Results for Pure and Mixed Ensembles," with Richard S. Ellis and Bruce Turkington, preprint (2000).

- "The Large Deviation Principle for Coarse-Grained Processes," with Richard S. Ellis and Bruce Turkington, preprint (2000).

- "Nonequivalent Statistical Equilibrium Ensembles and Refined Stability Theorems for Most Probable Flows," with Richard S. Ellis and Bruce Turkington, preprint (2000).

Talks Given

- "Entropy," Graduate Student Seminar, Department of Mathematics and Statistics, University of Massachusetts at Amherst, February 9, 2000.

- "Searching for Structures in Turbulence," Graduate Student Seminar, Department of Mathematics and Statistics, University of Massachusetts at Amherst, October 13, 1999.

- "Statistical Equilibrium Predictions for Two-Dimensional Fluid Flows," T7/CNLS Seminar, Los Alamos National Laboratory, July 19, 1999.

- "An Introduction to Large Deviations," Graduate Student Seminar, Department of Mathematics and Statistics, University of Massachusetts at Amherst, November 14, 1998.