

CURRICULUM VITAE
Richard O. Ketchersid

PERSONAL INFORMATION:

Born September 4, 1966 in Bryan, Texas.
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EDUCATION:

May, 1990 B.A., Mathematics
Texas A&M University
College Station Texas
May, 2000 Ph.D.
University of California at Berkeley
Group for Logic and Methodology of Science

RESEARCH INTERESTS: Axiom of Determinacy; Large Cardinals; Inner Model Theory

EMPLOYMENT:

2000-2003 VIGRE Postdoc UCLA
2003-2005 Visiting Assistant Professor, University of North Texas

PUBLICATIONS:

- *Toward $AD_{\mathbb{R}}$ from the Continuum Hypothesis and an ω_1 -dense ideal on ω_1* , May 2000, dissertation.

IN PREPARATION:

- *Completeness of the reducibility relation among Boolean(Σ_3^0) equivalence relations*
- *The strength of an ω_1 -dense ideal on ω_1 under CH*

INVITED TALKS:

- Fine structure meeting at Oberwolfach, March 2001, *Non-tame mice without large cardinals in V*
- AMS Special session in set theory, April 2001, *On the strength of “CH + there is an ω_1 -dense ideal on ω_1 ”*
- Greater Boston Logic Meeting, May 2001, *A condensation property for iteration strategies*
- ASL Annual Meeting, June 2002, *Determinacy and large cardinals from ideals*
- BEST, March 2003, *More on the complexity of reals in inner models of set theory*
- AMS Sectional Meeting, January 2004, *More on non-tame mice from “CH + there is an ω_1 -dense ideal on ω_1 ”*
- BEST, March 2004, *A hard question concerning simple equivalence relations*

COLLOQUIA TALKS AND LECTURE SERIES

- Minicourse on AD^+ at Bonn, October 2000, *AD^+ and the closure of the Suslin cardinals*
- UCLA Logic Colloquium, February 2001, *The core model induction to reach $AD_{\mathbb{R}}$*
- CUNY Logic colloquium, March 2002, *More on the complexity of reals in inner models of set theory*
- MIT Logic Colloquium, March 2003, *The core model induction to reach non-tame mice.*

CONTRIBUTED TALKS:

- ASL Annual Meeting at Urbana-Champaign, June 2000, *Toward $AD_{\mathbb{R}}$ from the Continuum Hypothesis and an ω_1 -dense ideal on ω_1 .*

TEACHING EXPERIENCE:

- 1990-2000 10 semesters as a teaching assistant at UC Berkeley
- 2000-2003 7 quarters as an assistant professor at UCLA including undergraduate discrete mathematics, calculus, analysis, differential equations, and linear algebra, a graduate course on constructibility as well as participating seminars on forcing and determinacy
- 2003-2005 5 semesters as a visiting assistant professor at UNT including undergraduate business calculus, college algebra, discrete mathematics, graduate course in set theory, logic seminar

GRANTS, HONORS, MEMBERSHIPS:

- 1992-1993 Julia B. Robinson Fellowship (Berkeley)
- 1995-1997 Research assistant to Leo Harrington (Berkeley)
- Summer 1999 Research assistant to Hugh Woodin (Berkeley)
- 2000- VIGRE Assistant Professor (UCLA)
- 1989- Member of ASL
- 1999- Member AMS