

REID R. G. DALE

University of California at Berkeley
Group in Logic and the Methodology of Science

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- EDUCATION PhD Student, University of California at Berkeley, 2014 –
Group in Logic and the Methodology of Science
Expected Advisor: Thomas Scanlon
- BS, University of Washington, 2010 – 2014
Mathematics, Philosophy (minor)
Advisor: James Morrow
Thesis: *Model Theoretic Methods in Discrete Inverse Problems: o-minimality and n-to-1 Graphs in the Study of Electrical Networks*
- Transition School at the University of Washington Robinson Center for Young Scholars
- INTERESTS *Model Theory* – motivic integration, extremal combinatorics, valued fields, (differential) algebraic geometry, applications to inverse problems.
- CONFERENCES AND RESEARCH EXPERIENCES CIRM Model Theory, Difference/Differential Equations and Applications, April 2015
- Visiting Researcher, UC Berkeley Department of Mathematics, hosted by Thomas Scanlon, Spring 2014
- Participant in the UCLA Logic Summer School, Summer 2013
- Student Researcher in the University of Washington Summer REU on Inverse Problems in Electrical Networks, advised by James Morrow, Summer 2013
- Participant in the MSRI Summer Graduate School in Model Theory and Arithmetic Dynamics, Summer 2012
- HONORS AND AWARDS National Science Foundation Graduate Research Fellow, 2014 – 2019
- Dean’s Medalist in the Natural Sciences, University of Washington, 2014
- Member, Phi Beta Kappa, 2014
- Outstanding Graduating Mathematics Major (Standard Option), University of Washington Department of Mathematics, 2014
- Gullicksen Prize for Outstanding Junior Mathematics Major, University of Washington Department of Mathematics, 2013
- Robinson Center for Young Scholars Paradise Scholarship, 2013
- Andrew Hilten Prize for Outstanding Critical Expository Essay, University of Washington Department of English, 2012

PUBLICATIONS AND MANUSCRIPTS Model Theoretic Methods in Discrete Inverse Problems: o -minimality and n -to-1 Graphs in the Study of Electrical Networks
Senior Thesis

TEACHING EXPERIENCE Graduate Student Instructor, Math 10A: Calculus for the Life Sciences, UC Berkeley

Lead Instructor, Inquiring Minds: The Art of Critical Thinking, University of Washington Robinson Center for Young Scholars, Summer 2014

TA, University of Washington Summer REU on Inverse Problems in Electrical Networks, Summer 2014

Grader, Math 443: Differential Geometry, UW Math, Spring 2013

Grader, Math 427-8: Complex Analysis, UW Math, Fall 2011- Winter 2012

TA, English, University of Washington Robinson Center for Young Scholars, Academic Years 2011-2012 and 2012-2013

OUTREACH Instructor, University of Washington Math Circles, Fall 2013

Instructor, Montlake Math Challenge, Fall 2012 - Spring 2013

Guest Lecturer, Federal Way Public Academy, 2010 -

OTHER ACTIVITIES Squash, basketball, golf, tennis, poetry, photography, cooking, philosophy