

# Andrew C. Rausch

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## EDUCATION

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<b>Doctor of Medicine</b> 2014	<b>Tufts University School of Medicine, <i>Boston, MA</i></b> <i>Anticipated</i>
<b>Bachelor of Arts</b> 2008	<b>Carleton College, <i>Northfield, MN</i></b> Graduated cum laude with a major in Physics & Astronomy

## RESEARCH & WORK EXPERIENCE

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<b>Research Scholarship</b> June-August 2011	<b>Tufts Evidence-based Practice Center, <i>Boston, MA</i></b> <i>Harold Williams Scholarship funded research with Dr. Joseph Lau</i> Systematic reviews & meta-analysis from primary interventional cardiology literature Designed topic identification pipeline for the Agency for Healthcare Research & Quality
<b>Research Assistant</b> January 2009-August 2010	<b>Psychiatry Neuroimaging Laboratory, <i>Boston, MA</i></b> <i>Brigham &amp; Womens Hospital advanced imaging laboratory under Prof. Martha Shenton</i> Stochastic tractography of DT-MRI data in schizophrenia and traumatic brain injury
<b>Project Manager</b> October-December 2008	<b>Hennepin County Medical Center, <i>Minneapolis, MN</i></b> <i>Projects in the Medical Specialty Clinics under Director Mary Kurvers</i> Managed EPIC EMR and Vocera communications adoption in the Cancer Center LEAN team data analyst, appointment fail rate & medical device adverse outcomes studies
<b>Research Assistant</b> March-November 2007	<b>Carleton College, <i>Northfield, MN</i></b> <i>Astronomical imaging laboratory directed by Professor Cynthia Blaha</i> Telescopic image analysis of nebulae in Andromeda (M31) and Pinwheel (M33) galaxies
<b>Lab Assistant &amp; Tutor</b> September 2005-June 2008	<b>Physics Department, Carleton College, <i>Northfield, MN</i></b> Taught and guided undergraduates in laboratory sections Tutored groups of 5-20 students twice weekly in advanced physics courses Led tours and open houses at the Observatory, teaching constellations and astronomy
<b>Laboratory Assistant</b> June-September 2004-2005	<b>University of Minnesota, <i>Minneapolis/St. Paul, MN</i></b> <i>Department of Agronomy &amp; Plant Genetics Lab under Dr. Ron Okagaki</i> Developed oat-maize genetic hybrids to isolate corn chromosomes for characterization

## SELECTED PUBLICATIONS

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<b>Articles</b>	<b>Identification of Topics for Comparative Effectiveness Systematic Reviews in the Field of Cancer Imaging.</b> <i>J Comp Eff Res.</i> M. Rao, et al. 2013. <i>In Press.</i> <b>Fiber geometry in the corpus callosum in schizophrenia: Evidence for transcallosal misconnection.</b> <i>Schiz Res.</i> T. Whitford, et al. 2011. PMID: 21831601 <b>Electrophysiological and Diffusion-Tensor Imaging evidence of delayed corollary discharges in patients with schizophrenia.</b> <i>Psychol Med.</i> T. Whitford, et al. 2010. PMID: 20663254
<b>Posters</b>	<b>Identification of Topics for Comparative Effectiveness Systematic Reviews in the Field of Cancer Imaging.</b> <i>Tufts Med MD Research Day.</i> A.C. Rausch, et al. 2011 <b>Factor Analysis Of Automatic White Matter Clustering and Neuropsychology Measures In Patients With Schizophrenia.</b> <i>Mysell Harvard Research Day, Psychiatry Annual Meeting.</i> DP Terry, et al. 2010 <i>Full list of publications available online at <a href="http://AndrewRausch.com/publications">AndrewRausch.com/publications</a></i>

## AWARDS

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2011	Harold Williams Summer Research Fellowship
2007	Mike Ewers Award, Minnesota Space Grant Consortium
2004-2008	National Merit Scholar

## MEMBERSHIPS & COMMITTEES

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Member	Admissions Committee, <i>Tufts University School of Medicine</i> , present
Member	Student Self Study Committee for LCME accreditation, <i>Tufts</i> , present
Class Representative	Student Library Activities Committee, <i>Tufts</i> , present
Info. Tech. Representative	Medical Education Representative Committee, <i>Tufts</i> , 2010-11
Student Representative	Committee on Interspecialty, Massachusetts Medical Society, 2010-11