

Amanda A. Kepley

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EDUCATION	Ph.D. in Astronomy University of Wisconsin–Madison – Advisor: Dr. Eric M. Wilcots – Thesis: <i>Magnetic Fields in Irregular Galaxies</i>	Expected Summer 2008 Madison, WI
	M.S. in Astronomy University of Wisconsin–Madison	August 2004 Madison, WI
	B.S. in Astronomy, summa cum laude Case Western Reserve University (CWRU)	August 2002 Cleveland, OH
PROFESSIONAL EXPERIENCE	Summer Research Student Case Western Reserve University – Advisor: Dr. Heather Morrison – Project: <i>Halo Star Streams in the Solar Neighborhood</i>	Summer 2001 - Summer 2002 Cleveland, OH
	Summer Research Student Research Experiences for Undergraduates Center for Astrophysical Research in Antarctica – Advisor: Dr. Roger Hildebrand	Summer 2000 Chicago, IL
AWARDS & HONORS	National Science Foundation Graduate Research Fellowship Awarded stipend (\$30,000 per year for 3 years) and institutional funds (\$10,500 per year for 3 years) to support thesis research.	2003-2007 NSF
	GBT Student Support Awarded \$9,000 to support observations in 05C, 06C, and 07A semesters.	2005-2007 GBT
	Wisconsin Space Grant Consortium Graduate Fellowship Awarded grants of \$5,000 and \$2,547 to support research.	2003,2007 WSGC
	Karl Guthe Jansky and Alice Knapp Jansky Award Awarded “to an outstanding graduate student pursuing an advanced degree with preference given to a student interested in astrophysics/radio astronomy.”	2006 UW–Madison
	Jason J. Nassau Prize Awarded “to an outstanding senior student in the Department of Astronomy.”	2002 CWRU
	Krumhansl Family Prize Awarded “to an outstanding undergraduate woman for her academic accomplishments in the Department of Physics.”	2001 CWRU
OUTREACH	Public Talks Gave a public talk on “The Radio Universe” for the Northwest Suburban Astronomers, an amateur astronomy group in northern Illinois, for UW Space Place, the astronomy and space science outreach center at UW–Madison, and for Gail Borden Public Library.	2006-2007
	Washburn Nights Showed visitors the skies using the historic Washburn Observatory refractor.	2003–Present Madison, WI
	Expanding Your Horizons Developed and led astronomy activities designed to increase the interest of middle-school girls in science.	2003, 2005, 2006 Madison, WI
	Informal Science Education for Scientists: A Practicum Attended seminar dealing with how to develop and evaluate outreach activities. Developed activity in this class for use in the Expanding Your Horizons program.	Fall 2003 Madison, WI
	Universe in the Park Showed people throughout Wisconsin the wonders of the universe.	2003, 2006 WI

TEACHING	Tutor for Introductory Astronomy Classes University of Wisconsin–Madison – tutored students needing assistance with introductory astronomy classes.	2005–2007 Madison, WI
	Teaching Assistant University of Wisconsin–Madison – led six discussion sections per week for an introductory astronomy course.	Fall 2003 Madison, WI
	Teaching and Learning with Style University of Wisconsin–Madison – Attended seminar about how to use a variety of learning styles in the classroom.	Summer 2003 Madison, WI
	Tutor Case Western Reserve University – tutored students in mathematics and physics as part of the TUTORING-By-Appointment (TUBA) program.	Spring 2002 Cleveland, OH
SERVICE	Galaxies Lunch Coordinator Organized weekly informal lunch talks by astronomy department personnel and visitors to the department.	Summer 2006 – Present Madison, WI
	Enforcer Ensured that graduate students sign-up for and complete their chores.	2005 – 2007 Madison, WI
	Graduate Curriculum Committee One of two graduate student representatives on a committee to review the astronomy graduate curriculum.	2006 Madison, WI
	Prospective Committee Co-chaired committee responsible for arranging transportation, hosting, and activities for prospective graduate students.	2004 Madison, WI
OBSERVING	Green Bank Telescope (GBT): 66.8 hours	
	Very Large Array (VLA): 96 hours	
	Australia Telescope Compact Array (ATCA): 48 hours	
	Giant Metrewave Radio Telescope (GMRT): 54 hours	
	Wisconsin Indian Yale NOAO (WIYN): 11.5 nights	
MEETINGS	Galaxies in the Local Volume Talk: <i>Magnetic Fields in Irregular Galaxies</i>	July 2007 Sydney, Australia
	209th Meeting of the American Astronomical Society Poster: <i>Magnetic Fields in Irregular Galaxies: NGC 4214</i>	January 2007 Seattle, WA
	The Origin and Evolution of Cosmic Magnetism Participant	August 2005 Bologna, Italy
	Wisconsin Space Grant Consortium Conference Talk: <i>A High Resolution Study of the Neutral Hydrogen of Local Group Dwarf Irregular WLM</i>	August 2004 La Crosse, WI
	The Local Group as an Astrophysical Laboratory Poster: <i>A High Resolution Study of the Neutral Hydrogen of Local Group Dwarf Irregular WLM</i>	May 2003 STScI
SUMMER SCHOOLS	Summer School in Statistics for Astronomers & Physicists Participant	June 2005 University Park, PA
	9th Synthesis Imaging Summer School Participant	June 2004 Socorro, NM
	NRAO/NAIC Single Dish Summer School Participant	August 2003 Green Bank, WV
PUBLICATIONS	Kepley, A. A., Morrison, H. L., Helmi, A., Kinman, T. D., van Duyne, J., Martin, J. C., Harding, P., Norris, J. E., & Freeman, K. C. “Halo Star Streams in the Solar Neighborhood.” 2007, AJ, 134, 1579	
	Kepley, A. A., Wilcots, E. M., Hunter, D. A., & Nordgren, T. “A High-Resolution Study of the H I Content of Local Group Dwarf Irregular Galaxy WLM” 2007, AJ, 133, 2242	