

Jarrett L. Johnson

Los Alamos National Laboratory
P.O. Box 1663, MS-B227
Los Alamos, NM 87545

Phone: 505-665-8739
Email: jlj@lanl.gov
URL: www.mpe.mpg.de/tmox/jjohnson

Education:

Ph.D.,	Astronomy	The University of Texas at Austin	May 2009
	Advisor: Professor Volker Bromm		
	Dissertation: "Star Formation in the Assembly of the First Galaxies"		
M.A.,	Astronomy	The University of Texas at Austin	August 2006
B.S.,	Physics	Truman State University	May 2004
	<i>Summa Cum Laude, with Honors in Physics, minors in Spanish and Mathematics</i>		

Positions:

Director's Postdoctoral Fellow, Los Alamos National Laboratory	2011-present
Postdoctoral Research Fellow, Max Planck Institute for Extraterrestrial Physics	2009-2011
Wendell Gordon Graduate Fellow, The University of Texas at Austin	2008-2009
Graduate Research Assistant, The University of Texas at Austin	2005-2008
Graduate Teaching Assistant, The University of Texas at Austin	2004-2008
Courses: Astrophysics (AST 353), History and Philosophy of Astronomy (AST 350L), Introduction to Astronomy (AST 301), Introductory Astronomy (AST 307), Astronomical Observations (AST 103L)	

Fellowships & Honors:

David Allen Benfield Memorial Scholarship, The University of Texas at Austin	2008
Office of Graduate Studies Professional Development Award	2007, 2008 & 2009
University of Texas Graduate School Continuing University Fellowship	2007
Outstanding Master's Thesis Award, The University of Texas at Austin	2007
Frank N. Edmonds Memorial Fellowship, The University of Texas at Austin	2007
McDonald Observatory Board of Visitors Second Year Research Defense Award	2006
Outstanding Student in Physics at Truman State University	2004
Phi Beta Kappa, Truman State University	2004
Sigma Pi Sigma, Truman State University	2002

Professional Services:

Chambliss Award Judge, American Astronomical Society	2012
Academic Tutor, The University of Texas at Austin, Athletics Department	2008-2009
Guest speaker, Astronomy Students Association, The University of Texas at Austin	2007 & 2009
Guest speaker, McDonald Observatory Board of Visitors summer meeting	2007
Guest speaker, Texas Advanced Computing Center Supercomputing Institute	2007
President, Society of Physics Students, Truman State University	2003-2004
Academic Tutor, Truman State University, Physics Department	2002-2004
Journal Referee for ApJ, MNRAS, C&QG	

Research Interests:

Observable properties of the first galaxies; primordial and low-metallicity star formation; formation and growth of the first massive black holes; cosmological hydrodynamics and radiative transfer simulations; gamma-ray bursts; low-metallicity planet formation