

# JONATHAN MERLINI

## EDUCATION

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DATES	<b>August 2013 — Present</b>	
DEGREE	<b>PhD Candidate in Mathematics</b>	
UNIVERSITY	<b>University of Oklahoma</b>	Norman, OK, USA

DATES	<b>August 2011 — May 2013</b>	
DEGREE	<b>Master of Science in Mathematics</b>	
UNIVERSITY	<b>University of North Carolina Wilmington</b>	Wilmington, NC, USA
THESIS TITLE	Multiplicities in Tensor Products with the Adjoint Representation	
THESIS ADVISOR	Dijana Jakelić	

DATES	<b>August 2006 — May 2010</b>	
DEGREE	<b>Bachelor of Science in Mathematics</b>	
UNIVERSITY	<b>North Carolina State University</b>	Raleigh, NC, USA

DATES	<b>May 2010 — July 2010</b>	
PROGRAM	<b>NCSU Egypt Study Abroad Program</b>	
SCHOOL	<b>Kalimate Language &amp; Cultural Center</b>	Cairo, Egypt

## CURRENT INTERESTS

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- Lie Theory
- Modern Algebra
- Differential Geometry
- Representation Theory
- Riemannian Geometry
- Topology

## RELATED WORK EXPERIENCE

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DATES	<b>August 2013 — Present</b>	
EMPLOYER	<b>University of Oklahoma</b>	Norman, OK, USA
	<b>Department of Mathematics</b>	
JOB TITLE	<b>Teaching Assistant</b>	
CLASSES TAUGHT	College Algebra Business Precalculus Calculus II Calculus I Discussion Section Calculus II Discussion Section	

DATES	<b>August 2011 — May 2013</b>	
EMPLOYER	<b>University of North Carolina Wilmington</b> <b>Department of Mathematics and Statistics</b>	Wilmington, NC, USA
JOB TITLE	<b>Teaching Assistant</b>	
CLASSES TAUGHT	Mathematical Study Skills and Algebra Review Calculus III Problem Session College Algebra Problem Session	
DATES	<b>August 2009 — May 2010</b>	
EMPLOYER	<b>North Carolina State University</b> <b>Department of Mathematics</b>	Raleigh, NC, USA
JOB TITLE	<b>Lecture Assistant</b>	
DATES	<b>January 2011 — May 2011</b>	
EMPLOYER	<b>North Carolina State University</b> <b>GLBT Center</b>	Raleigh, NC, USA
JOB TITLE	<b>Student Assistant</b>	
DATES	<b>August 2008 — May 2009</b>	
EMPLOYER	<b>North Carolina State University</b> <b>University Housing</b>	Raleigh, NC, USA
JOB TITLE	<b>Administrative Coordinator</b>	
DATES	<b>May 2008 — August 2008</b>	
EMPLOYER	<b>North Carolina State University</b> <b>University Housing</b>	Raleigh, NC, USA
JOB TITLE	<b>Summer Conference Assistant</b>	
DATES	<b>August 2007 — May 2008</b>	
EMPLOYER	<b>North Carolina State University</b> <b>University Housing</b>	Raleigh, NC, USA
JOB TITLE	<b>Resident Assistant</b>	

#### CONFERENCES AND WORKSHOPS

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DATE	<b>January 18, 2015 — January 22, 2015</b>	
CONFERENCE	<b>Introductory Workshop: Modern Riemannian Geometry</b>	
LOCATION	Mathematical Sciences Research Institute	Berkeley, CA, USA
DATE	<b>March 28, 2015 — March 29, 2015</b>	
CONFERENCE	<b>TORA for Students, Organizer</b>	
LOCATION	University of Oklahoma	Norman, OK, USA
DATE	<b>October 4, 2014</b>	
CONFERENCE	<b>Graduate Algebra Symposium, Organizer</b>	
LOCATION	University of Oklahoma	Norman, OK, USA
DATE	<b>May 16, 2014 — May 17, 2014</b>	
CONFERENCE	<b>Southeastern Lie Theory Workshop</b>	
LOCATION	University of Georgia	Athens, GA, USA

DATE	<b>November 9, 2013</b>	
CONFERENCE	<b>Joint UNT, UTA, and OU Algebra Symposium</b>	
LOCATION	University of North Texas	Denton, TX, USA

DATE	<b>September 20, 2013 — September 22, 2013</b>	
CONFERENCE	<b>Texas-Oklahoma Representations and Automorphic Forms (TORA) V</b>	
LOCATION	Oklahoma State University	Stillwater, OK, USA

DATE	<b>November 3, 2012</b>	
CONFERENCE	<b>Regional Mathematics and Statistics Conference</b>	
LOCATION	University of North Carolina Greensboro	Greensboro, NC, USA
TALK TITLE	Steinberg's Multiplicity Formula and Maximal Root	

DATES	<b>October 13, 2012 — October 14, 2012</b>	
CONFERENCE	<b>AMS Fall Southeastern Section Meeting</b>	
LOCATION	Tulane University	New Orleans, LA, USA

DATES	<b>April 21, 2012 — April 22, 2012</b>	
CONFERENCE	<b>Southeastern Lie Theory Workshop</b>	
LOCATION	North Carolina State University	Raleigh, NC, USA

#### AWARDS

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- College of Physical and Mathematical Sciences Leadership Award, NCSU, 2010
- Inducted into National Residence Hall Honorary, NCSU, 2008
- Math Gold Award, Bishop McGuinness High School, 2006
- A.J. Drexel Scholarship, 2006

#### RELATED SKILLS

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<b>Languages</b>	English, French (Proficient), Spanish (Proficient), Arabic (Basic Knowledge)
<b>Computer Programs</b>	Mathematica, Maple, Microsoft Office, Photoshop
<b>Computer Languages</b>	$\LaTeX$ , HTML, CSS, PHP, Java

#### ORGANIZATIONS

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- Norman Science Café Coordinator, Norman Public Library, 2014-Present
- Mathematics Graduate Student Association, President, OU, 2015-2016
- Graduate Student Senate, Senator, OU, 2014-2016
- Mathematics Graduate Student Association, President, OU, 2014
- Mathematics Graduate Student Association, Treasurer, OU, 2013
- Mathematics Graduate Student Association, Founder and President, UNCW, 2012-2013
- UNCW Graduate Student Association, Treasurer, 2012-2013
- Physical and Mathematical Sciences Council, NCSU, 2009-2010
- NC Association of Residence Halls, VP of NC Residence Hall Honorary, 2009-2010

- Inter Residence Council, Turlington Representative, NCSU, 2009-2010
- NCSU Chapter of National Residence Hall Honorary, Treasurer, NCSU, 2009-2010
- Turlington Hall Council, NCSU, 2009-2010
- Society for Undergraduate Mathematicians, NCSU, 2008-2010
- Inter Residence Council, West Campus Liaison, NCSU, 2007-2009
- NCSU Chapter of National Residence Hall Honorary, NCSU, 2007-2009
- Scholars Council, Webmaster, NCSU, 2007-2009
- Student Government, NCSU, 2007-2008
- Sullivan Hall Activities Council, NCSU, 2006-2009
- Accepting and Embracing Gender Identity and Sexuality, President, NCSU, 2007-2008
- Accepting and Embracing Gender Identity and Sexuality, Treasurer, NCSU, 2006-2007
- Habitat for Humanity, Web Designer, NCSU, 2006-2007
- Scholars Council, Publicity Chair, NCSU, 2006-2007