

Ann and H.J. Smead  
Aerospace Engineering Sciences

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**Jade Morton**



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- Laboratory Website (<http://gnssrange.com/>)

ECNT 414

## Education

PhD, Electrical Engineering, The Pennsylvania State University, 1991  
MS, Electrical Engineering, Case Western Reserve University, 1987  
BS, Physics, Nanjing University, 1983

## Professional Experience

2018 - Present, Chair for Graduate Studies, Aerospace Engineering Sciences, University of Colorado  
2017 - Present, Professor, Aerospace Engineering Sciences, University of Colorado  
2014 - 2017, Professor, Electrical and Computer Engineering, Colorado State University  
2009 - 2014, Professor, Electrical and Computer Engineering, Miami University  
2006 - 2009, Associate Professor, Electrical and Computer Engineering, Miami University  
2000 - 2006, Assistant Professor, Electrical and Computer Engineering, Miami University  
1991 - 1993, Post-doctoral Fellow, Space Physics Research Laboratories, The University of Michigan  
1987 - 1991, Graduate Research Assistant, Electrical and Computer Engineering, The Pennsylvania State University  
1985 - 1987, Graduate Research Assistant, Electrical Engineering and Applied Physics, Case Western Reserve University  
1983 - 1985, Faculty, Physics Department, Nanjing University

## Awards (Selected)

Samuel M. Burka Award, Institute of Navigation (ION) (2016)  
Best session paper, ION GPS/GNSS/GNSS+ Conference (2016, 2015, 2014, 2011, 2007, 2004)  
GPS World Leadership Service Award, GPS World Magazine (2015)  
Fellow, ION (2015)  
Fellow, IEEE (2014)  
Tan Chin Tuan Faculty Fellow, Nanyang Technological University, Singapore (2014)  
First place team advisor, ION Autonomous Snowplow Competition (2014)  
Distinguished Scholar, Miami University (2013)  
Thurlow Award, ION (2013)  
Woman's Leadership Award, Miami University (2013)  
Jennie Elder Suel Distinguished Woman of Color Award, Miami University (2013)  
Best paper, Colloquium Sci. Fundamental Aspects Galileo Program (2013)  
Best paper in track, IEEE/ION PLANS Conference (2012)  
Best paper, IEEE NAECON (2011)  
Outstanding Researcher, School of Eng. & Applied Sci., Miami University (2011, 2005)  
Sigma Xi Researcher of the Year, Miami University (2009)  
Teaching Excellence award, School of Engineering & Applied Sci., Miami University (2007)  
National Research Council/AFOSR Summer Faculty Fellow (2004, 2003, 2002)  
First place, Annual Graduate Research Exhibition, Penn State University (1990)

# Research Interests

Global Navigation Satellite Systems (GNSS) receiver technology for navigation in challenging environments and for remote sensing of the ionosphere, atmosphere, and Earth's surface.

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