

# Robin Marie Givens

College of William & Mary  
Department of Computer Science  
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## RESEARCH INTERESTS

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Graph Theory, Optimization

## EDUCATION

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Ongoing Ph.D. in Computer Science, College of William & Mary  
M.S. in Computer Science, College of William & Mary, 2014  
B.S. in Mathematics (Honors) and Computer Science, University of Richmond, 2006

## RESEARCH + PROFESSIONAL EXPERIENCE

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Graduate Dean Fellow, Graduate Dean's Office, College of William & Mary, May 2015 – August 2015  
Research Assistant, Computer Science Department, College of William & Mary, January 2014 – August 2014  
Techie, Computer Science Department, College of William & Mary, January 2012 – May 2012  
Research Consultant – Data Analysis, Pure Culture Consulting, Richmond, VA, July 2007 – December 2012  
Research Consultant – Simulation, Best Practices, Fairfax, VA, June 2006 – March 2007

## TEACHING EXPERIENCE

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Instructor, Christopher Newport University, Fall 2015 – Spring 2016

- CPSC 250 – Computers & Programming II
- CPSC 250L – Computers & Programming II Lab
- CPSC 150L – Computers & Programming I Lab

Teaching Fellow, College of William & Mary, Spring 2015

- CS 243 – Discrete Structures

Teaching Assistant, College of William & Mary, Fall 2012 – Fall 2013

- CS 426/526 – Simulation
- CS 141L – Computational Problem Solving Lab
- CS 131 – Concepts in Computer Science

## AWARDS

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HP Scholarship for 2012 Grace Hopper Celebration of Women in Computing  
Phi Beta Kappa, University Of Richmond, 2006  
Ethyl and Albemarle Science Scholar, University of Richmond, 2002 – 2006

## PUBLICATIONS + PRESENTATIONS

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- **R. Givens.** "Sensor Location Problems: Open Locating-Dominating Sets." INFORMS Annual Meeting. Philadelphia, PA. November 2015.
- **R. Givens.** "OLD-sets in Circulant Graphs." 14<sup>th</sup> Annual Graduate Research Symposium. The College of William and Mary. Williamsburg, VA. March 2015.

**SERVICE**

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Professor's Roundtable Committee, Graduate Student Association, W&M, Spring 2015

President, Computer Science Graduate Student Association, W&M, 2014 – 2015

Vice President, Computer Science Graduate Student Association, W&M, 2013 – 2014

**SKILLS**

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Languages: Java, C, C++, Python

Tools: LaTeX, Gnuplot, R, Mathematica, MATLAB

Graphics, Web: Cascade, Dreamweaver, Illustrator, Photoshop