



CU · News & Events

Jeanna Matthews Promoted to Full Professor at Clarkson University

Friday May 22, 2020

Clarkson University President Tony Collins has announced that Jeanna N. Matthews has been promoted from associate professor to full professor of computer science in the School of Arts & Sciences. Promotion to professor is considered to be virtually the highest honor that a university can bestow upon its faculty.

Her current research focuses on securing societal decision-making processes and supporting the rights of individuals in a world of automation. She received a 2018-2019 Brown Institute Magic Grant to research differences in DNA software programs used in the criminal justice system.

Other research interests include operating systems, virtualization, computer networking, computer security, file systems, cloud computing, distributed systems, storage systems, open source software development, and database systems.

Matthews is also an affiliate at Data and Society, an independent nonprofit research organization that studies the social implications of data and automation, producing original research to ground informed, evidence-based public debate about emerging technology. She was a Fellow there in 2017-2018.

Matthews is the author of *Computer Networking Internet Protocols in Action*; and the co-author of *Running Xen: A Hands-On Guide to the Art of Virtualization* and a chapter in *High Performance Mass Storage and Parallel I/O: Technologies and Applications*.

She has published work in numerous journals on a broad range of systems topics from virtualization and cloud computing to social media security and distributed file systems. She has also delivered many conferences, technical and educational presentations.

She has been a four-time presenter at DEF CON, one of the world's largest and most notable hacker conventions, on topics including security vulnerabilities in virtual environments (2015 and 2016), adversarial testing of criminal justice software (2018) and trolling (2018).

A senior member of the Association for Computing Machinery (ACM), she is an ACM Distinguished Speaker, founding co-chair of the ACM Technology Policy Subcommittee on Artificial Intelligence and Algorithm Accountability, and a member of the ACM Technology Policy Committee.



Jeanna N. Matthews

She is a member of the ACM Council (2015-present), and has served as chair of the ACM Special Interest Group Governing Board (2016-2018), chair of the ACM Special Interest Group on Operating Systems (SIGOPS) from 2011 to 2015. She was a Fulbright Specialist in Colombia in 2019.

Matthews received her Ph.D. and master of science degrees in computer science from the University of California at Berkeley, her bachelor of science in mathematics and computer science from Ohio State University and her bachelor of arts in Spanish from SUNY Potsdam.

Matthews was previously an assistant professor at Cornell University.

As a private, national research university, Clarkson is a leader in technological education and sustainable economic development through teaching, scholarship, research and innovation. We ignite personal connections across academic fields and industries to create the entrepreneurial mindset, knowledge and intellectual curiosity needed to innovate world-relevant solutions and cultivate the leaders of tomorrow. With its main campus located in Potsdam, N.Y., and additional graduate program and research facilities in the New York Capital Region, Beacon, N.Y., and New York City, Clarkson educates 4,300 students across 95 rigorous programs of study in engineering, business, the arts, education, sciences and health professions. Our alumni earn salaries that are among the top 2.5% in the nation and realize accelerated career growth. One in five already leads as a CEO, senior executive or owner of a company. To learn more about Clarkson University, go to www.clarkson.edu.

Photograph for media use is available at:

</sites/default/files/media/image/2018-05/jeanna-matthews.jpg>

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News directors and editors: For more information, contact Melissa Lindell, Director of Media Relations, at [315-268-6716](tel:315-268-6716) or mlindell@clarkson.edu.

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