

Tracy Kay Camp Biography (November 2011)

Tracy Camp joined the Colorado School of Mines in 1998 and is currently a Full Professor of computer science and Interim Head of Electrical Engineering and Computer Science. She is the Founder and Director of the Toilers (<http://toilers.mines.edu>), an active ad hoc networks research group currently consisting of two faculty members, ten graduate students, and four undergraduate students. Her current research interests include (1) the credibility of ad hoc network simulation studies, (2) the use of wireless sensor networks in geosystems, and (3) collision resolution protocols for wireless communications.

Dr. Camp has received 19 grants from the National Science Foundation, including a CAREER award in 1997 and an award in 2003 with an acceptance rate of only 4.5%. In total, her projects have received over \$8.5 million dollars in external funding. This funding has produced 12 software packages which have been requested from (and shared with) more than 2000 researchers in 73 countries (as of June 2010). Dr. Camp is an ACM Distinguished Lecturer, an IEEE Senior Member, and an ACM Distinguished Scientist. In December 2007, Dr. Camp received the Board of Trustees Outstanding Faculty Award at the Colorado School of Mines; this award has only been given five times between 1998-2007. In May 2010, Dr. Camp received the Computer Science Outstanding Undergraduate Faculty Award. In July 2010, Dr. Camp was a Distinguished Visitor to the University of Bonn, Germany.

Dr. Camp has published over 70 refereed articles and 12 invited articles, many of which are in prestigious venues such as the ACM International Conference on Mobile Computing and Networking (12.3% acceptance rate), the ACM International Symposium on Mobile Ad Hoc Networking and Computing (16.4% acceptance rate), and the Joint Conference of the IEEE Computer and Communications Societies (20.5% acceptance rate). As of November 2011, her articles had been cited over 6,000 times (per Google Scholar) and her h-index (Hirsch number) is 23. In other words, Dr. Camp has 23 articles with 23+ citations per Google Scholar. (NOTE: Google Scholar over-estimates citation rates).

Dr. Camp was a Fulbright Scholar in New Zealand from February to June, 2006. She has been a member of the following editorial boards: IEEE Transactions on Mobile Computing, the Pervasive and Mobile Computing, Ad Hoc Networks, and Computer Communications. Dr. Camp was the elected Treasurer of ACM's Special Interest Group on Mobile Computing (SIGMOBILE) from 2005-2009. She has been on the program committee of several conferences, including ACM's International Conference on Mobile Computing and Networking (MobiCom), ACM's International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc), IEEE's International Conference on Distributed Computing Systems (ICDCS), IEEE's Wireless Communications and Networking Conference (WCNC), IEEE's International Conference on Mobile Ad-hoc and Sensor Systems (MASS), IEEE's International Conference on Communications (ICC), and IEEE's International Conference on Parallel and Distributed Systems (ICPADS). Dr. Camp is currently the Finance Chair of MobiCom 2012 and the General Co-Chair of SIGCSE 2013. In 2010, she was honored to serve as the General Chair of the Grace Hopper Celebration of Women in Computing. A full list of her service to conferences is available in Dr. Camp's vitae.

Dr. Camp's research into the plight of women in the sciences has appeared in over 15 newspaper and magazine articles, including the N.Y. Times, the Chicago Tribune, USA Today, and Scientific American. She served as the co-chair of ACM's Committee on Women in Computing from 1998-2002, and continues to participate today as a member of its Council. She is currently Co-Chair of the Computing Research Association's Committee on the Status of Women in Computing Research (CRA-W). Dr. Camp was honored to be the keynote speaker at the 2006 Australian Women in IT Conference (AusWIT), the 2009 Ohio Celebration of Women in Computing (OCWIC), the 2009 STARS Celebration, the 2010 International Conference on Simulation Tools and Techniques (SIMUTools) held in Spain, the 2011 TRIWIC, and the 7th International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP 2011) to be held in Adelaide, Australia.