



FOR RELEASE  
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## **Tau Beta Pi Announces Antonette M. Logar as 2016 McDonald Mentor**

Tau Beta Pi, the engineering honor society, has named its 11<sup>th</sup> McDonald Mentor. The award celebrates excellence in mentoring and advising among Tau Beta Pi educators and engineers who consistently support the personal and professional development of their students and colleagues. While the primary goal of Tau Beta Pi is to recognize students of superior scholarship and exemplary character and to honor eminent practicing engineers, the Association also lauds excellence in engineering education and in the ethical practice of engineering.

**Antonette M. Logar**, Ph.D., *South Dakota Alpha '78*, is a professor in the math and computer science department at the South Dakota School of Mines & Technology. She is the *2016 Tau Beta Pi-McDonald Mentor*, and will be honored on October 7, 2016, at the 111th annual Convention to be held in San Diego, CA. Tau Beta Pi President J.P. Blackford will present \$1,000 and an engraved medallion and pin to Dr. Logar. Another \$1,000 grant will be presented to the South Dakota Alpha Chapter of Tau Beta Pi for nominating her.

Established in 2005 by Marion and Capers W. McDonald (*NC G '74*) and the Association, the McDonald Mentor Award recognizes engineering educators or professionals in industry, government, or service organizations who have shown true concern for the individual, supporting an environment for developing talents, and who have earned respect and recognition for contributions to their field and to the greater community.

Dr. Logar was endorsed for her outstanding support of traditional, non-traditional, and female students. She has demonstrated a commitment to mentoring undergraduates to unprecedented success in competitions and professional achievement through hard work and an inquisitive approach to teaching.

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Dr. Logar received a B.S. in geology from Lehigh University, a B.S. in computer science from the South Dakota School of Mines & Technology (SD Mines), an M.S. in computer science from the University of Minnesota, a Ph.D. in computer science from Texas Tech University, and a J.D. (law) from the University of Louisville. She has been a member of the faculty at SD Mines since 1986.

Inducted as a TBP eminent engineer in 2000, Dr. Logar has served as an advisor to the South Dakota Alpha Chapter of Tau Beta Pi since 2005. In addition, she has served for the past 25 years as the Association for Computing Machinery (ACM) programming team coach at SD Mines. In this role, she has guided six teams to the International Collegiate Programming Contest (ACM ICPC) World Finals (the “Olympics of computer science”).

Not only does she focus on improving student competitors’ programming proficiency, but she also helps them gain confidence and presentation skills. She is an unmatched personal and career development mentor; serving as an academic advisor to most junior and senior female computer science students. In this role, she encourages all of her advisees to meet periodically to help develop a support system for the students. Dr. Logar excels as a strong female role model in a typically male-dominated profession.

In her application packet, she was cited for writing excellent letters of recommendation, going out of her way to find company contacts to secure internships, and helping students both in and out of class. Dr. Logar is also active in the local community – as a curriculum coordinator for a professional development program (Leadership Rapid City), on the symphony board, on the Mt. Rushmore National Memorial Society Board of Directors, and in the community theater.

Dr. Logar has been recognized for her dedication to advising and teaching with the Presidential Outstanding Professor Award, the Ennenga Teaching Award, and the Boeing Outstanding Educator Award. However, helping students succeed gives her the most satisfaction.

Describing her experience working with Dr. Logar and entering a project in the national Microsoft Imagine Cup (that finished fourth place overall), one former mentee said, “Dr. Logar was an exceptional mentor inspiring me to take on projects that inspired and challenged me. Even after graduating, she continues to be an inspirational role model in my life.”

Other achievements that illustrate Dr. Logar’s professional success include being featured as a computer scientist in a national brochure produced by IEEE, holding the title of commissioner within ABET, and attaining the titles of department chair and dean of graduate education.

Dr. Logar’s dedication to the success of those around her and for creating a challenging environment to bring out the best in her students has made her an example of the highest level of mentorship. For these contributions as an advisor and for guiding students to exceed academic and personal goals, Antonette M. Logar, Ph.D., is the 2016 Tau Beta Pi-McDonald Mentor.

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**Tau Beta Pi is the Engineering Honor Society, founded at Lehigh University in 1885. It has collegiate chapters at 245 engineering colleges in the United States and active alumni chapters in 40 cities. It has initiated more than 574,000 members in its 131-year history and is the world’s largest engineering society. (See <https://www.tbp.org/>)**