

**Profile of
Shubhangi Stalder
Professor, Department of Mathematics, University of Wisconsin-Waukesha
2015 Regents Teaching Excellence Award Recipient**

Highlights from nomination materials:

- Ph.D. and M.S., Mathematics, UW-Milwaukee; M.S. and B.S., Mathematics, University of Pune (India).
- Has taught a broad range of math classes at UW Colleges since 1993.
- Developed the innovative new MAT 103 course that combines the content of a developmental course, Elementary Algebra, with a credit-bearing course, Intermediate Algebra; the course has been highly successful, with approximately 80 percent of students passing on their first attempt and many students indicating it positively transformed their relationship to math.
- Incorporates active learning pedagogies, new technology, and mindfulness techniques to help students minimize anxiety; uses the flipped classroom model, in which students learn theory at home and participate in active problem solving during class time.
- Supplements class material with more than 100 free course videos she developed; monitors student progress through portfolios and ALEKS, a web-based assessment and learning software system.
- Asked to adapt the MAT 103 course for UW-Milwaukee, where it was piloted successfully, and for the UW Flexible Option.
- Earned the Kaplan Award for innovation in teaching at UW-Waukesha in 2013, and is the recipient of numerous grants, including a Gates Foundation grant.
- Has organized a conference on math for elementary teachers, bringing together public and private university teachers, as well as K-12 teachers.

In Shubhangi Stalder's own words:

- “One saying from my culture is that to teach or to learn, one must leave one’s ego at the door. This concept underlies some of my attempts to make students comfortable with making mistakes...I try in all my courses to show the power of positive thinking. I don’t allow students to utter negative remarks about themselves, others, or math. If students say they ‘don’t know’ or ‘don’t understand anything,’ then I stop the class and we investigate the nature and source of these remarks. I’m usually able to show these students how they actually do understand some things.”

In the words of colleagues:

- “I am constantly impressed by the success Dr. Stalder’s students experience in her mathematics courses and her outstanding efforts to develop and adapt course materials that are geared toward improving student success in mathematics. The UW Colleges is grateful for all of Dr. Stalder’s efforts both inside and outside of the classroom experience.” —*Gregory P. Lampe, Provost and Vice Chancellor, Academic and Student Affairs, UW Colleges*
- “To quote one of the instructors implementing Dr. Stalder’s program at scale at UWM this fall, ‘I’ve had a lot of experience teaching developmental mathematics, but this is the first time I feel as if I am building successful college students.’ From developing critical thinking to instilling student confidence and poise in communicating to others, Dr. Stalder’s approach is unmatched.” —*Kyle Swanson, Professor and Chair, Department of Mathematical Sciences, UW-Milwaukee*