“Thanks to the ADVANCE External Mentor Program, I have benefited greatly from the collaboration/interactions with my mentor for my career development. I wanted to understand extrinsic synaptic noise and intrinsic channel noise: What roles these noises play in shaping oscillation and their patterns of neuronal activity that arise through the central nervous system. I reached out to Dr. James Keener, a distinguished professor of mathematics and adjunct professor of bioengineering at the University of Utah, who specializes in mathematics biology, especially in the field of cardiac electrophysiology, scroll waves, bidomain equations, and defibrillation. Together, we worked on mathematical modeling and analysis of this project to develop novel theoretical and numerical approaches to study excitable cells.”

—Dr. Xueying Wang, Mathematics
2013 External Mentor Grant Recipient

“Through ADVANCE at WSU’s External Mentor Program, I was able to have Dr. Murat Kacira, an associate professor in the Department of Agricultural and Biosystems Engineering at the University of Arizona, visit my lab to further understand the potentials, limitations, and challenges in utilizing sensing technologies for crop phenotyping. Dr. Kacira also put me in touch with other experts working in this area and he gave me very useful tips on developing my short- and long-term goals in research in order to be successful.”

—Dr. Sindhu Sankaran, Biological Systems Engineering
2013 External Mentor Grant Recipient (pictured inside)

For further information, please contact:

ADVANCE
AT WSU

Lighty Building, 190F PO
Box 641061
Pullman, WA 99164-1061
509-335-9739

Dr. Suzanne Appleyard with her External Mentor, Dr. Martin Myers Jr.
pictured on the cover

To learn how the External Mentor Program can benefit you and to apply, visit:

advance.wsu.edu/externalmentors

Scan the QR code with your smart phone to access

advance.wsu.edu
THE PROGRAM

The External Mentor Program is offered to tenured and tenure-track women faculty in STEMM disciplines and diverse faculty, with diversity defined in terms of underrepresented minority status, in any discipline. Its aim is to foster career development by supporting mentor relationships with leaders outside our university. These mentors provide training and guidance, facilitate collaborative research efforts, and serve as role models.

After successfully participating in the External Mentor opportunity, faculty become eligible for the External Mentor Pilot Extension program designed to support preliminary data collection efforts with the mentor.

RESEARCH: EFFECTIVENESS OF THE EXTERNAL MENTOR PROGRAM

The Social and Economic Sciences Research Center (SESRC) conducted a survey asking participants to rate the impact of the External Mentor Program on several indicators of career success and quality of life. The results show that the External Mentor Program had a strong, positive impact among participating faculty.

FUNDING

ADVANCE at WSU funding is provided to enable significant interaction between a mentee and mentor. The proposed use of funds should emphasize a significant intention to improve career advancement opportunities. The grant enables participating faculty to travel to each other’s university to work collaboratively, attend and present at conferences together, and have the opportunity to learn from an established researcher in their field.