

**Office of Research Affairs
Boonshoft School of Medicine**

Accomplishments:

- BSOM extramural research funding and associated F&A increased 20% over the last 2 years.
- Facilitated BSOM participation in the winning NASA Translational Research Institute (TRI) Cooperative Agreement Notice (CAN) proposal. Details of this \$246M / 12 year project are continuing to develop. The NASA TRI represents a significant opportunity for BSOM research.
- Continued to develop congressional support of military health and performance research that should translate into funded BSOM research in the future.
- Began transition of CTRA from WSRI to BSOM.
- According to the latest AAMC graduate questionnaire, a substantial percentage of BSOM graduates continue to complete a research project with a faculty member during their matriculation (rate persists in the high 60%).
- The Central Research Forum and Medical Student Research Symposium were very successful (as evidenced by continued high number of posters, judges and participants).
- Completed multiple successful Linkage Events.

Research Funding:

- Awarded the Office of Naval Research (ONR) Multidisciplinary University Research Initiative (MURI) PHITE project. MURIs are one of the most prestigious basic science research awards in the Department of Defense.

This \$7.5M / 5 year BSOM grant is focused on epigenetics of human performance and includes Drs. Madhavi Kadakia and Michael Raymer.

- Within the Ohio Federal Research Network Human Performance (OFRN) Human Performance Health Science (HPHS) Center of Excellence (COE), research teams obtained additional biomedical research funding (additional ~ \$2.5M and total ~ \$4M). Funded biomedical projects include Regional LVC (focused on transition of care), Advanced Cognitive and Physical Sweat Sensing, and Motion Sickness with Spine Disorders. These collaborative interdisciplinary projects include BSOM research and faculty. Role- Proposal PI.
- Awarded the Premier Health Brain-Behavior Fellowship. Initial funding at ~ \$500K / 2 years. BMB faculty currently being recruited. Role- PI (with Dr Kadakia).
- Served as PI on large DARPA LEAP research proposal (base \$7.7M / 4 years) which was selected for award in March 2017.

Challenges:

- The major administrative challenge for Research Affairs in 2016 remained limited financial support of BSOM research programs (as a result of ongoing WSU financial challenges).
- While BSOM extramural research funding and associated F&A increased 20% over the last 2 years, BSOM supported a relatively limited number of Translational and Bridging research grants in 2016. The total amount of support for existing / new grants was \$100,000. Fortunately, preliminary review of extramural funding in 2016 suggests that research funding will continue to increase. Unfortunately, I expect fiscal challenges in the University will force suspension of new Research Affairs Translational and Bridging grant proposals in 2017.