

Chronic Disease Research Program (CDRP) Pilot Grants

The Chronic Disease Research Program targets small, focused research projects related to the multi-disciplinary research theme of WV-INBRE to generate preliminary data for publications and grant applications. Chronic diseases include, but are not limited to, addiction, cardiovascular disease, cancer and diabetes. WV-INBRE dedicates \$120,000 yearly to fund two-year CDRP pilot awards of up to \$30,000 per year each. This level of support provides for at least four awards each year at the lead and partner institutions. The program is directed by Dr. Stan Hileman (WVU). Applicants must use the most recent NIH PHS 398 forms and complete all sections using the PHS 398 instructions. Senior lead institution investigators are considered to be independent and mentoring programs are already in place at the lead institutions for junior investigators. The Mentoring Coordinator, Dr. Drew Shiemke (WVU), assists with selection of voluntary mentors for the PUI investigators. Each project investigator must submit a progress report to Dr. Hileman at the end of the award documenting publications, presentations, progress toward each aim and student involvement. Requests for Proposals are released as needed to fulfill the number of available awards.

2019 Awards

Recipient	Institution	Project Title	Award
Dr. Paul Chantler	West Virginia University	Xanthine Oxidase Mediates the Cerebral Dysfunction with Chronic Stress	\$25,000
Dr. Mark Olfert	West Virginia University	Vaping and Stroke: Insights from Vascular Endothelial Function	\$25,000
Dr. Jeremy McAleer	Marshall University	Role of GPR68 in Inflammatory Bowel Disease	\$25,000

2020 Awards

Recipient	Institution	Project Title	Award
Dr. Jung Han Kim	Marshall University	Identification of genetic factors conferring obesity and hypercholesterolemia on chromosome 1 in a novel congenic mouse strain	\$30,000
Dr. Gregory Dudley	West Virginia University	Design and synthesis of phosphatase inhibitors as potential chemotherapeutics of chronic diseases	\$45,000
Dr. Yonque Lu	Marshall University	CYP2A5, nicotine, and steatohepatitis-associated liver fibrosis	\$30,000

Dr. W. Christopher Risher	Marshall University	Effects of prenatal opioid exposure on astrocyte-mediated synaptic connectivity	\$30,000
Dr. Brandon Henderson	Marshall University	Identifying the neurobiological changes following co-use of nicotine and opioids	\$30,000
Dr. Lydia Bogomolnaya	Marshall University	Impact of butyrate on Salmonella colonization of diabetic host	\$30,000
Dr. Joseph Horzempa	West Liberty University	The potential of dillapiole as a treatment for chronic infections	\$30,000