Ariel Helms Named Truman Scholar

As a Honors College Scholar, Max Kade Fellow and Research Team Member at the Vanderbilt Diabetes Center, Ariel dreams of finding cures for diseases through research and through recruiting the next generation of scientists into the STEM fields. Ariel is a Molecular & Cellular Biology major with a Chemistry minor and is planning to become a physician-scientist. She is the Founder and President of the Scientific Immersion & Mentorship Program, which is an undergraduate research program at Vanderbilt. As a tribal member of the Cherokee Nation, Ariel aims to integrate biomedical research into tribal healthcare networks and to recruit and train minorities in the STEM fields in an effort to preserve the health of the Native community.

Ariel Helms recognized by Goldwater Foundation

Helms studies the role of the cystic fibrosis transmembrane conductance regulator (CFTR) in pancreatic beta cells in the laboratory of
Dr. Alvin C. Powers. The goal of this ongoing research is to characterize the role of CFTR in cystic fibrosis-related diabetes.

There is a strong, bi-directional link between diabetes and Alzheimer’s disease. Fiona Harrison, Ph.D., and colleagues tested whether the effects of obesity on diabetic status and cognitive decline in Alzheimer’s disease are permanent or reversible.

Vanderbilt mourns loss of diabetes research icon
Charles R. “Rollo” Park, M.D. »

2016 Chancellor Faculty Fellows
"These extraordinary faculty members exemplify our academic mission, and are an investment in Vanderbilt's future."

Vanderbilt Diabetes Research and Training Center
Featured Faculty Member: Daniel J. Moore, Ph.D.
Video:
A New Approach To Retraining Immunity
In Patients With Type 1 Diabetes »

Article:
"Tolerating a Transplant:
Read More »

Online Tool Helps Manage Diabetes »
Type 1 Diabetes TrialNet at Vanderbilt »
Vanderbilt Diabetes Clinical Trials »
Vanderbilt Diabetes Research Honorees »