

MONTANA STATE UNIVERSITY

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Four Montana State University students have been awarded prestigious [Goldwater scholarships](#), the nation's top scholarship for undergraduates majoring in the natural sciences, engineering and mathematics, making MSU one of the country's top institutions in the number of scholarship recipients.

Brianna Bull Shows, an enrolled member of the Apsáalooke (Crow) Nation from Pryor, was selected as a [Udall Scholar in the tribal health care category](#).

MSU senior Amanda Leckband has won a \$100,000 [Grand Challenges Exploration Grant](#) from the Bill and Melinda Gates Foundation to further her research into antibiotic resistance in calves, lambs and other young animals. She is the first MSU undergraduate to receive one of these grants.

MSU professor David Mogk is the author of a [new article in the journal Science](#) that examines the state of research worldwide on nanomaterials.

Backed by a grant from the Army's research wing, MSU professor James Wilking and his colleagues [use 3-D printing to better understand microbial communities](#). Their work could reveal more about how microbial communities cause antibiotic-resistant infections on hip implants or remove pollution from groundwater.

Graduating seniors from Montana State University's Jake Jobs College of Business and Entrepreneurship [excelled on a national test](#) taken by students at hundreds of U.S. business colleges.

MSU's Peter Buerhaus, professor in the College of Nursing and director of the MSU Center for Interdisciplinary Health Workforce Studies, has been named to the [National Academies of Sciences, Engineering, and Medicine's Committee on the Future of Nursing 2020-2030](#).

Students enrolled in business and graphic design programs at MSU recently placed [second at the regional level](#) of the National Student Advertising Competition.

High School students from Joliet and Belgrade got a first-hand look at the field of biomechanics. The event [introduced the students to the science and technology](#) of how the human body moves.

MSU's McCall Voy, of Great Falls, will travel to Laos on a [Fulbright Teaching English](#) Assistantship this summer. The program is the largest U.S. exchange program and offers opportunities for recent graduates and graduate students to undertake international graduate study, advanced research, university teaching, and primary and secondary school teaching in more than 140 countries.

MSU doctoral student Anna Schenfisch earned a [National Science Foundation Graduate Research Fellowship](#) to continue her research using mathematics and computer science to improve cancer diagnosis.

Two MSU faculty members have recently launched projects aimed to [strengthen behavioral health in youth](#) in Gallatin and Park counties and across the state. Mark Schure and Katey Franklin, both in the [College of Education, Health and Human Development's Department of Health and Human Development](#), have received grants to help fund their projects.