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Join Michigan State University's Global Impact Initiative, designed to address the grand challenges through the creation of over 100 new faculty positions in some of the most promising and exciting fields of research. We welcome applicants from diverse backgrounds. MSU offers an inclusive and collaborative work environment.

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## MULTIPLE DEPARTMENTS

### Leadership in Antimicrobial Resistance Research

**Michigan State University** aims to develop prominence in combating the global threat of antimicrobial resistance by major investments in multidisciplinary hires of up to eight new faculty investigators across all academic ranks (Assistant Professor to Professor). With a remarkable scope of research in a wide range of disciplines and colleges, Michigan State offers an outstanding environment for carrying out basic and translational research on antimicrobial resistance from all perspectives.

Academic homes in any of several Departments and Colleges at Michigan State are expected, including Plant, Soil & Microbial Sciences; Microbiology & Molecular Genetics; Medicine (Infectious Diseases); Pediatrics; Pharmacology & Toxicology; Large Animal Clinical Sciences; Chemistry; Food Science and Human Nutrition; Biomedical & Biosystems Engineering. Research areas of interest will include environmental and human health risk-assessment of antimicrobial resistance; evolution of resistance; horizontal transmission of resistance traits; infectious threats from resistant microbes in humans and animals; behavior of antimicrobial agents in the environment; the international dimension of antimicrobial resistance; identification of novel therapeutic targets; drug development. These areas complement existing strengths from public policy to drug discovery. Competitive startup and salary packages are available for these positions.

Applicants with a Ph.D., D.V.M., or M.D. or equivalent degree(s) and, for senior-level applicants, an internationally recognized research program, should apply with: i) NIH Biosketch in the current format (<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-032.html>); ii) statement of not more than 5 pages describing future research plans, **and the impact the applicant aims to have on the field in the next five-10 years**; iii) contact information for three individuals who could serve as references addressing the applicant's potential and past record of accomplishments. Candidates will be consulted before references are contacted.

Please send enquiries or application materials (as a single PDF) or to the Global Impact Initiative AMR Steering Group c/o Ms. Katie Conley ([galla134@msu.edu](mailto:galla134@msu.edu)).

Michigan State University has been advancing the common good with uncommon will for more than 160 years. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges.

MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.