



**Professor/Director  
National Institute for Microbial Forensics &  
Food and Agricultural Biosecurity  
Oklahoma State University  
Division of Agricultural Sciences and Natural Resources  
50% Administration, 40% Research, 10% Teaching**

**The National Institute for Microbial Forensics & Food and Agricultural Biosecurity:**

Oklahoma State University's National Institute for Microbial Forensics & Food and Agricultural Biosecurity (NIMFFAB) addresses critical and emerging needs related to national and international plant and food biosecurity, homeland security, microbial forensics, emerging plant disease issues, food safety, and other topics related to potential threats (invasive diseases/pests, bioterrorism, etc.) to production agriculture and a safe and sustainable food supply. NIMFFAB, the only entity in the U.S. with this specific focus, currently includes five faculty members having specific appointments within the Institute, and several affiliated faculty experienced in microbial forensics, pathogen detection and disease diagnostics, vector entomology, human pathogens on plants, molecular biology, and population biology, and their associated staff and students.

**Responsibilities**

The successful candidate will serve in an 11-month tenure track position as the Director of NIMFFAB to provide strong and creative leadership to the NIMFFAB team and coordinate efforts within the Division of Agricultural Sciences and Natural Resources (DASNR) in conducting outstanding research, education and outreach that are responsive to stakeholders in the U.S. and Oklahoma defense, security and food safety communities. He or she will facilitate the development of cooperative programs, maintain a vision for Institute growth and success, and enhance capacity in emerging areas of investigation (microbial forensics, food/commodity safety and security, vector-borne pathogen transmission, etc.).

**Research:** The successful candidate will develop an externally-funded, stakeholder-targeted research program related to agricultural/food biosecurity and microbial forensics. He or she will actively seek funding and facilitate funding efforts to support research and graduate education in agricultural biosecurity and microbial forensics. This will require leadership in creating and leading interactive and interdisciplinary scientific teams, including collaborations within and outside of NIMFFAB, DASNR, and Oklahoma State University to improve agricultural health and food biosecurity in commodities relevant to Oklahoma and the United States (may include plant and/or animal health, food microbiology, etc.).

**Teaching:** The successful candidate will teach a course relevant to her/his expertise, mentor graduate and undergraduate students, and help to develop and offer educational programs that will prepare young scientists to meet national staffing needs in emerging areas of homeland security and agricultural biosecurity.

**Extension:** This position will carry no formal Extension appointment but the incumbent will have occasional opportunities to provide educational programs or exercises related to biosecurity and attribution of potential bioterrorism/biocriminal events to Federal groups, such as the FBI, as well as to Oklahoma entities such as the Oklahoma Department of Agriculture, Food and Forestry. These opportunities will target diverse communities and stakeholders including law enforcement, regulatory officials, security agencies, crop producers, food handlers and processors, plant and animal disease diagnosticians, Cooperative Extension educators, and researchers.

### **Qualifications**

Candidates should have a Ph.D. in Plant Sciences (Plant Pathology, Crop Science, Horticulture, etc.), Animal Science, Food Science, Biochemistry, Molecular Biology, Forensic Sciences, or another relevant discipline, and have demonstrated scholarly achievement in research meriting appointment as a full professor with tenure in one of the Division's academic departments. Preference will be given to individuals having knowledge of, connections with, and a history of productive collaborations and established interactions with members of Federal and international law enforcement, security, and policy-making agencies such as APHIS, CDC, DOD, DHS, CPHST, FBI, etc. To remain at the center of national focus for such issues, the incumbent must be a U.S. citizen and be eligible for federal security clearances.

### **Strategic Plan**

This position fills needs within the plant science and natural resource goals of DASNR's Strategic Plan and the incumbent may serve on any of the interdisciplinary DASNR Teams: Host-Pathogen Interactions – Plants, Crop Management, Food Safety, Homeland Security, or other relevant commodity-focused teams.

### **Applications/Nominations**

While applications and nominations will be accepted until a successful candidate has been identified, interested parties are encouraged to submit their information by September 8, 2015, to receive optimal consideration.

Submit nominations and/or address questions to: Dr. Bob Hunger, Chair, NIMFFAB Director Search and Screen Committee, 405-744-9958, or [bob.hunger@okstate.edu](mailto:bob.hunger@okstate.edu)  
Nominations should include the name, address, e-mail address, and telephone number of the nominee.

Submit application to: <https://jobs.okstate.edu> (Search by keyword req # 742). Applicant materials should include a letter indicating interest, qualifications and experience, a curriculum vita, and a list of five names, with telephone number and e-mail address for those who may be contacted for additional information.

**More information about NIMFFAB can be accessed at:**

<http://dasnr.okstate.edu>  
<http://entoplpl.okstate.edu/nimffab>

**More information about OSU & Stillwater can be accessed at:**

<http://okstate.edu>  
<http://visitstillwater.org>  
<http://stillwaterchamber.org>

*Oklahoma State University is an Affirmative Action/Equal Opportunity/E-verify employer committed to diversity and all qualified applicants will receive consideration for employment and will not be discriminated against based on age, race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. OSU is a VEVRAA Federal Contractor and desires priority referrals of protected veterans for its openings.*