



Swine Health Information Center

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Call for Research Funding Proposals – Bioexclusion of Emerging Disease Pathogen(s)

Bioexclusion refers to procedures needed to prevent entry of a pathogen or disease and contact with a population of animals (a part of biosecurity).

The Swine Health Information Center (SHIC) [2021 Plan of Work](#) includes the investigation of bioexclusion as a tool to help prevent or control an emerging swine disease outbreak on farms. SHIC is soliciting proposals to investigate cost-effective, innovative technologies, protocols, or ideas to implement bioexclusion to prevent or control an emerging disease outbreak on swine farms. Specifically, SHIC would like proposals that address the following 2021 Plan of Work items:

- The pork industry now uses a variety of bioexclusion protocols to protect swine health in breeding, farrowing and grow-finish facilities. More information is needed to motivate compliance, especially in grow-finish facilities. Demonstration projects or research validating the implementation of innovative bioexclusion protocols that include, for example, the use of record keeping, employees on-farm and between farm traffic patterns and service vendors and their equipment could be used to facilitate implementation.
- A variety of commodity groups and organizations employ bioexclusion to protect their interests and facilities. A survey of these bioexclusion practices in other industries or in federal, state, or private organizations will help to look for innovative, cost-effective practices that may be implementable in the pork industry to help prevent disease introduction onto farms.

There is a pool of approximately \$150,000 available for the research, but individual project proposals could be higher with sufficient justification. Collaborative projects demonstrating the most **urgency and timeliness of completion**, as well as efficient use of funds, **will be prioritized** for funding.

The proposal template and instructions for completion and submission can be found [here](#). **The deadline for proposal submission is 5:00 PM CDT, May 14, 2021.** For questions, contact Dr. Paul Sundberg at psundberg@swinehealth.org or (515) 451-6652.