

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: New Center to be Called the Center for Food Security and Public Health, ISU
Date: May 6, 2002

Recommended Action:

Accept Iowa State University's report of a new center to be called the Center for Food Security and Public Health.

Executive Summary:

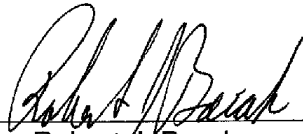
Board Policy The Board of Regents policy (*Policy Manual §6.06*) requires that the Board be informed of new centers or institutes that are financed from external sources and do not require a "major commitment of State appropriated/institutional funds in excess of \$25,000. When the external funding expires, these units are to be terminated or Board approval is needed for their continuance.

Mission The primary goal of the Center for Food Security and Public Health will be to increase national preparedness for accidental or intentional introductions of disease agents that threaten food production or public health. This Center will integrate animal health activities in Ames with the ongoing activities and needs of the Centers for Disease Control as related to veterinary medicine and zoonotic diseases (diseases that are communicable from animals to persons under natural conditions). It will focus on formal education, continuing education and surveillance. More details can be found in the accompanying document.

External Funding This Center is being funded through the Centers for Disease Control and Prevention (CDC). An appropriation of \$1 million was provided in FY02 and additional appropriations are expected. The ISU Center will be closed upon expiration of the CDC funding unless other external funds are secured to continue its operation.

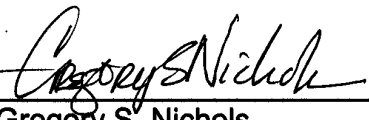
Regent Review
Questions

A copy of the University's responses to the Regent Review Questions on
new centers and institutes is attached (pages 3-6).



Robert J. Barak

h/aa/docket/2002/may/isuA4

Approved: 

Gregory S. Nichols

**Proposal for the establishment of the
Center for Food Security and Public Health
at Iowa State University**

1. Title of Proposed Center or Institute

Center for Food Security and Public Health

2. Administrative Relationship to Other Entities on Campus

The *Center for Food Security and Public Health* will be administered by the College of Veterinary Medicine at Iowa State University.

3. To whom will the Administrative Director Report?

The administrative director of the *Center for Food Security and Public Health* will report to the Dean of the College of Veterinary Medicine.

4. Describe the Basic Purposes and Objectives of the Center

The primary goal of the Center is to increase national preparedness for accidental or intentional introductions of disease agents that threaten food production or public health. This Center will integrate animal health activities in Ames with the ongoing activities and needs of the Centers for Disease Control as related to veterinary medicine and zoonotic diseases. Working together, both groups will have an enhanced ability to protect public health and animal agriculture from zoonotic and foreign animal disease threats. The Center will focus on formal education, continuing education, and surveillance.

Formal Education: Development of a joint training program for DVMs to seek the MS or PhD degree in infectious diseases/ epidemiology/ risk analysis/ public health. Students in this program could receive training at ISU, the USDA laboratories in Ames and at the CDC during their course of study. This would help to integrate activities and communication among the institutions and provide a valuable pool of public health professionals.

Continuing Education:

- Development of training materials and delivery of training on zoonotic diseases that are potential threats for bioterrorism or agroterrorism. This would emphasize innovative and novel delivery technologies.
- Development of continuing education materials on prevention of transmission of zoonotic diseases from animals to man in the veterinary clinic setting, on the farm, and in the home. Prevention of spread of zoonotic diseases to immunocompromised individuals will be emphasized.
- Development of reference materials and continuing education materials on zoonotic diseases for veterinarians and animal owners. These materials will improve the ability of the animal health community to recognize symptoms of diseases in animals and the humans they associate with.

- Development of reference materials and continuing education materials on foreign animal diseases for veterinarians and animal owners. This material will improve the ability of the animal health community to recognize and respond to incursions of foreign animal diseases. Reference materials for the items above will be in a variety of formats (printed materials - reference notebooks, wall charts, laminated sheets, etc; video, CD and web based).

Surveillance for Zoonotic and Foreign Animal Diseases: Private veterinary practitioners, as primary care givers, and veterinary teaching hospitals as referral centers, are potential rich sources of information for zoonotic and foreign animal disease surveillance purposes. The Center will work to develop surveillance and reporting systems that can help to detect and track outbreaks of zoonotic and foreign animal diseases. The continuing education activities listed above will be essential for achieving this goal. In addition, reporting networks will need to be enhanced which integrate with state and federal disease reporting requirements.

4a. How will the Activities of the Center Relate to the General Mission and Teaching Programs of the University?

The *Center for Food Security and Public Health* addresses the teaching, service and research missions of the University. Funding from this initiative for graduate education in food security and public health will result in more qualified scientists for this growing field. In addition, it will benefit the College of Veterinary Medicine and faculty who mentor these students. The research that the students conduct in pursuit of their degree will enhance the base of knowledge in this area. The continuing education courses and materials that will be developed and delivered to the public are central to the outreach service mission of the university and will help the people of Iowa be better prepared for threats to the food supply and public health.

4b. Relationship to the Strategic Mission of the College and University

The *Center for Food Security and Public Health* will address the learning, engagement and discovery missions of the College of Veterinary Medicine and Iowa State University. Ames, Iowa has a strong College of Veterinary Medicine that focuses on infectious diseases of food producing animals and a College of Agriculture with strengths in both animal and plant agriculture. The College of Veterinary Medicine has one of the largest state diagnostic laboratories in the nation. What truly makes Ames unique is the USDA animal health groups located here:

- The USDA APHIS Center for Veterinary Biologics (CVB);
- The USDA APHIS National Veterinary Services Laboratories (NVSL);
- The USDA ARS National Animal Disease Center (NADC).

The *Center for Food Security and Public Health* will help ISU, USDA laboratories in Ames, and the State of Iowa to expand efforts in food security and public health. Protecting public health and ensuring that food is safe and plentiful has always been a component of the missions of the College of Veterinary Medicine and the USDA laboratories in Ames. However, given growing international trade and the resulting increased risk for accidental introduction of pathogens, the events of September 11, 2001, and incidents of anthrax have heightened the need for increased efforts in this area. The combined expertise of scientists at the ISU College of Veterinary Medicine and at the three USDA laboratories will ensure that the Center can meet the objectives outlined above.

5. Do Similar Units Exist at Other Public or Private Colleges or Universities in Iowa?

Yes. *The Iowa Center for Public Health Preparedness* at the University of Iowa. This Center is funded by the Centers for Disease Control and Prevention through a cooperative agreement with the Association of the Schools of Public Health. This Center is implementing training programs for Iowa's public health workforce (including medical doctors, nurses, hospitals, emergency responders, and public health specialists) to prepare for, promptly identify and respond to public health threats. The *Center for Food Security and Public Health* will focus on maintaining a safe and plentiful food supply through animal and plant agriculture. The Center will target efforts toward farmers, animal producers, veterinarians, food processors, commodity groups, and public health specialists. The *Center for Food Security and Public Health* was represented at the April 8, 2002 Conference of the *Iowa Center for Public Health Preparedness* held in Iowa City. It is anticipated that the two Centers will collaborate on projects and serve as a resource for each other.

6. Proposed Sources and Annual Amounts of Funding for the Unit

The Centers for Disease Control and Prevention provides funds for the *Center for Food Security and Public Health*. An appropriation of \$1 million was provided in 2002. Additional appropriations are expected.

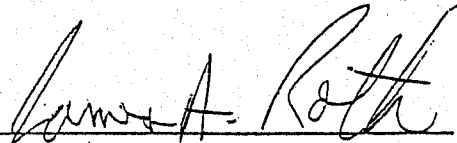
Budgetary Item	Source of Funds	Annual Amount
Salaries	CDC	\$510,000
Conference Expenses	CDC	\$ 60,000
Continuing Education Delivery	CDC	\$ 75,000
Supplies	CDC	\$ 20,000
Equipment	CDC	\$ 10,000
Travel	CDC	\$ 10,000
Indirect Costs	CDC	<u>\$315,000</u>
		\$1,000,000

7. New Financial Obligations to the General Fund

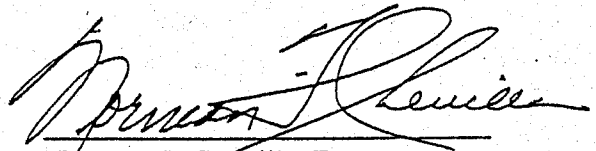
No new additional funds are being requested.

Proposal for Board of Regents approval
for establishment of the
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at Iowa State University

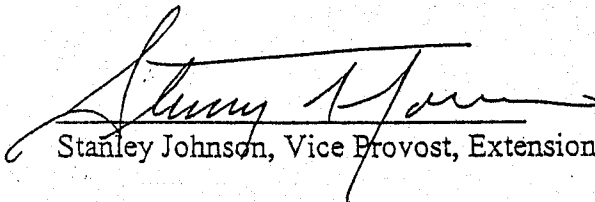
Endorsed by



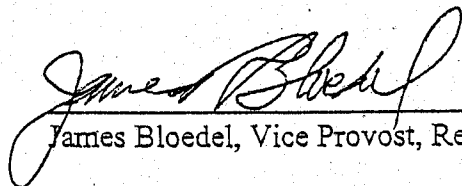
James A. Roth, Director
Center for Food Security and Public Health



Norman F. Cheville, Dean
College of Veterinary Medicine



Stanley Johnson, Vice Provost, Extension



James Bloedel, Vice Provost, Research



Rollin C. Richmond, Provost