

Contact: Rachel Boon

**FACULTY PRESENTATION: PROTECTING THE WORLD FROM ANTIMICROBIAL
RESISTANCE**

Action requested: Receive the presentation.

Executive Summary: Antimicrobial resistance (AMR) – when bacteria develop the ability to defeat the drugs designed to kill them – is one of the greatest threats to society, human and animal health, and economic prosperity. Professor Paul Plummer leads the National Institute of Antimicrobial Resistance Research and Education (www.niamrre.org), a consortium of 40 academic, food, and health industry partners housed at the Iowa State University Research Park. The Institute’s mission is to drive collaborative research, education, and engagement to address the myriad challenges of AMR; contributing to the health of humans, animals, and the environment; and supporting Iowa’s food animal economy.

In addition to his duties at Iowa State, Plummer currently chairs the Presidential Advisory Council for Combating Antimicrobial Resistant Bacteria, which recently issued a report on Preparing for the Next Pandemic in the Era of Antimicrobial Resistance.

He holds bachelor’s and doctor of veterinary medicine degrees from the University of Tennessee, and a Ph.D. in veterinary microbiology from Iowa State University. He joined Iowa State in 2009. A clinical specialist in internal medicine and infectious disease of ruminants, Plummer is the only individual in the U.S. that is board-certified by the European College of Small Ruminant Health Management, the world’s only specialty board for sheep and goats.

Presenter:

Dr. Paul Plummer

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Executive Director, National Institute of Antimicrobial Resistance
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