

PRESENTATION

International
conference on Food
Safety Risk Analysis
and Antimicrobial
Resistance

Moscow, Russian
Federation, 17- 18
12/2019

ПРЕЗЕНТАЦИЯ

Международная
конференция по
вопросам анализа
риска безопасности
пищевой
продукции и
устойчивости к
противомикробны
м препаратам

Москва, Российская
Федерация, 17 -18
12/2019



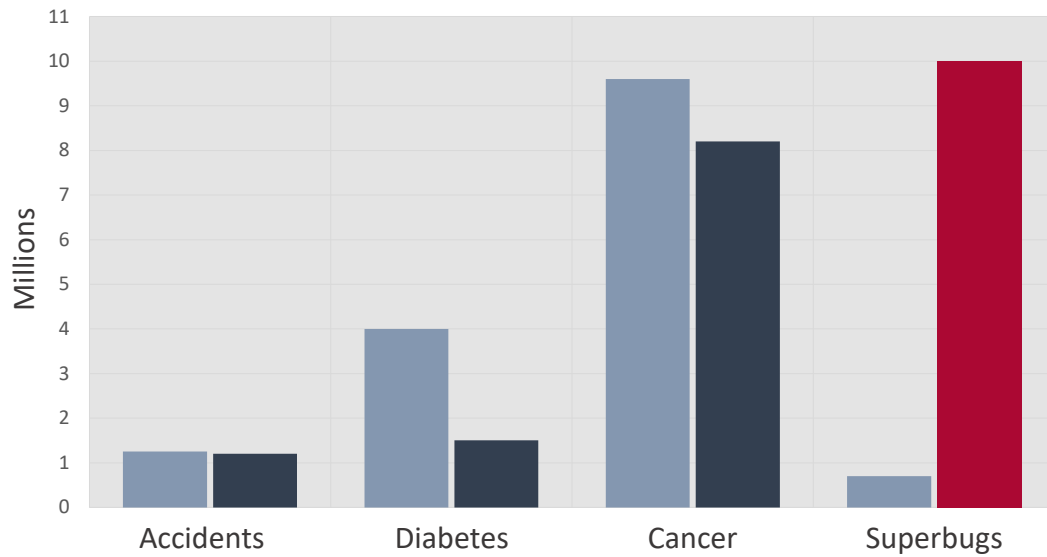
Coordination Across Sectors: Strategies for Success

Michael Oglesbee DVM, PhD



THE OHIO STATE UNIVERSITY
INFECTIOUS DISEASES INSTITUTE

Global Death Rates: 2018 vs 2050



Stewardship

Medicine
Veterinary Medicine
Agriculture

Surveillance

Public Health
Environmental Sciences

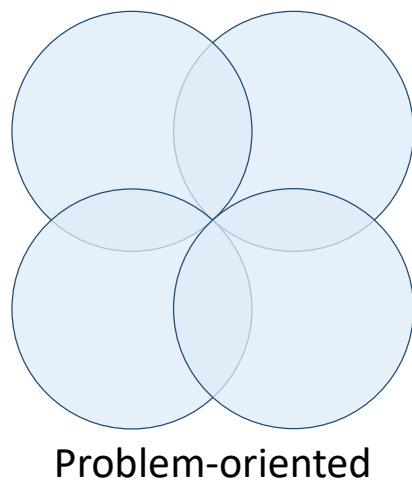
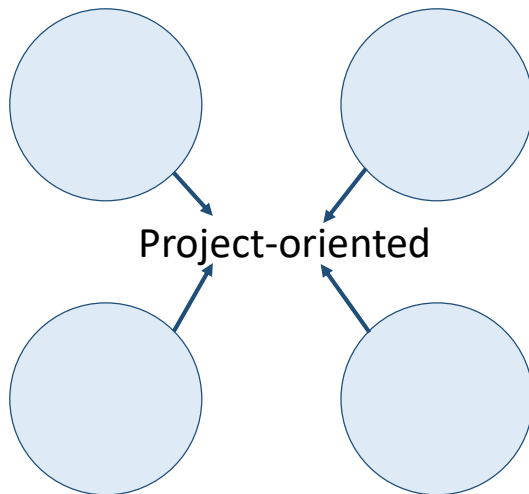
Knowledge

Microbiology
Genetics
Data Science

Treatment

Engineering
Pharmacology

Multidisciplinary vs Interdisciplinary



Surveillance



Basic Research



Clinical Trials

Veterinary Medicine as an Integrator

The University as an Incubator

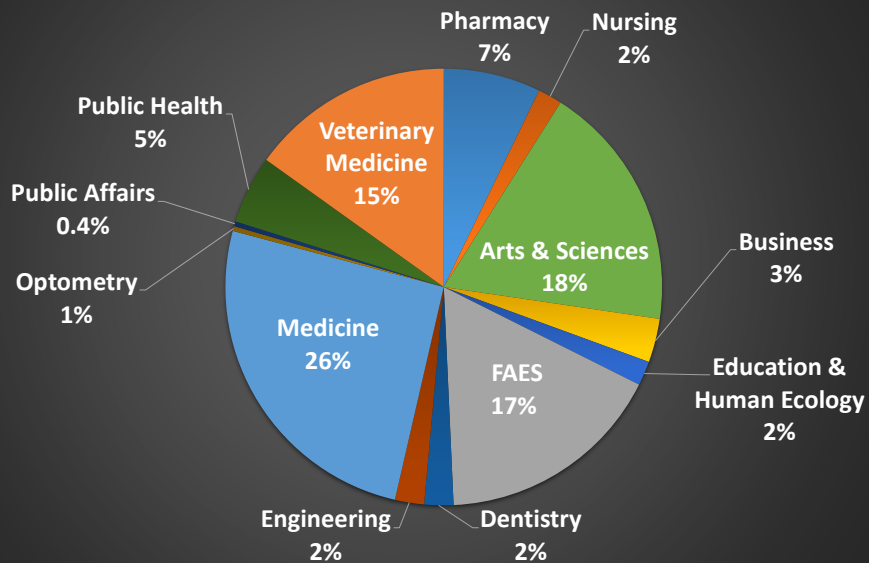
- Medicine
- Veterinary Medicine
- Public Health
- Food, Agriculture, and Environmental Science
- Public Affairs
- ...and 10 other Colleges



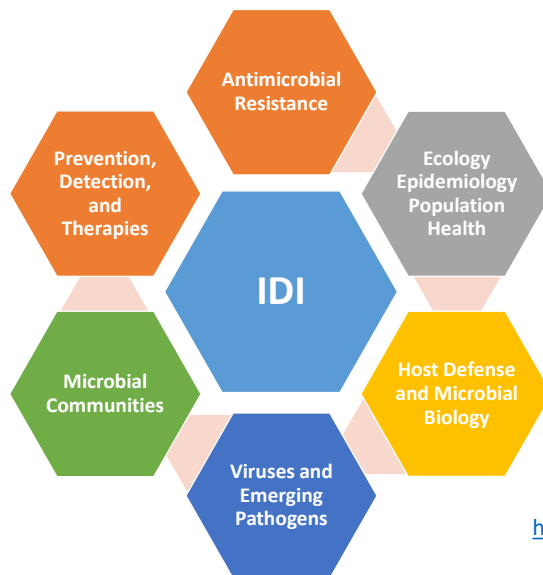
THE OHIO STATE UNIVERSITY
INFECTIOUS DISEASES INSTITUTE

Mission: Generate solutions to the detrimental effects of microbes on the health of humans, animals, plants and the environment for the benefit of society

Interdisciplinary Infectious Disease Faculty



IDI Thematic Programs

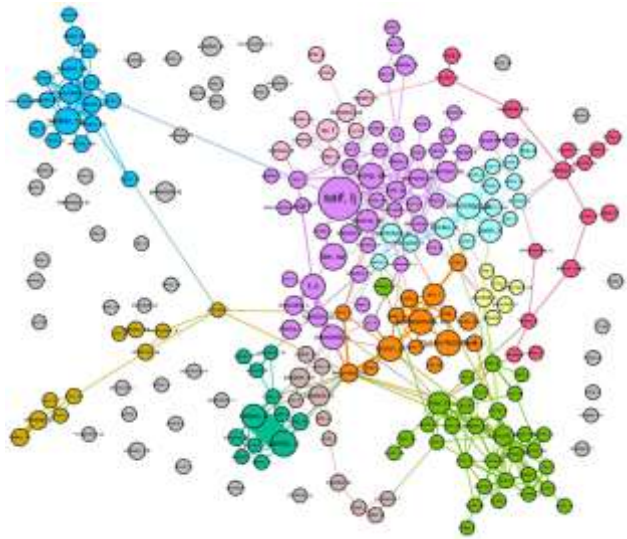


<https://idi.osu.edu/our-work>

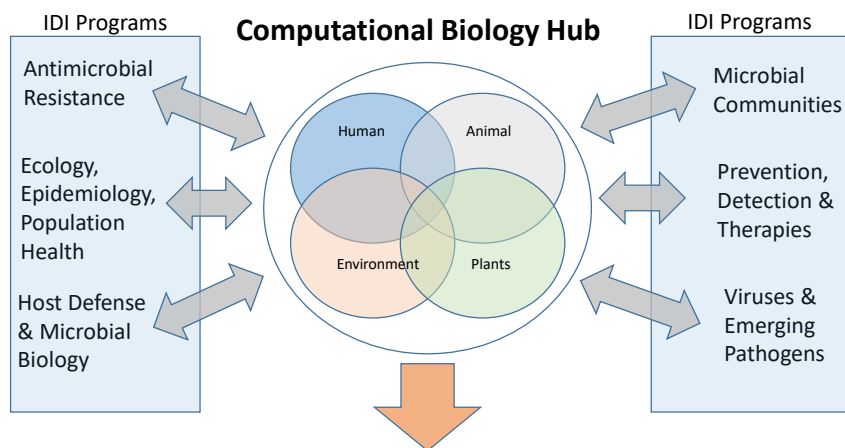
Function as interdisciplinary networks

Define competencies and capacity

Strengthen networks



Strengthen networks through strategic faculty and staff hires:



Biosensors, Disease Prediction/Modeling, Drug Discovery, Policy

Strengthen networks through internal partnerships:



Strengthen networks through external partnerships:



Empower networks: representative leadership at the local level

PROGRAM DIRECTORS



ERICA REED
Lead Specialty Practice
Pharmacist
Pharmacy

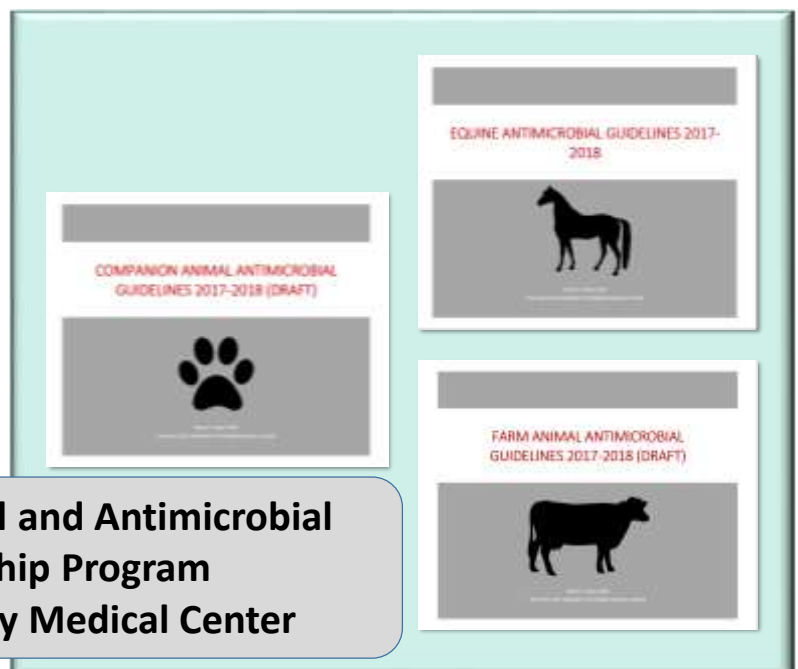


TOM WITTUM
Professor And Chair
*Veterinary Preventative
Medicine*

Empower networks:

- Discretionary budgets
- Interdisciplinary seed grants
- Institute targeted investments

**Infection Control and Antimicrobial
Stewardship Program
OSU Veterinary Medical Center**



Staff support for proposal development (Proposal Development Specialist) and identification of opportunities (Strategic Alliance Officer):

Positioning – evaluate opportunities in context of competencies

Capture Planning – define the team and needed resources

Solicitation Release

Proposal Preparation & Submission

Staff support for communication: website



To control infections, we must understand how resistance develops.

idi.osu.edu

Staff support for communication:

- Social media
- Communications training (Discovery Talks)



HOW DANGEROUS IS GIVING ANTIBIOTICS JUST IN CASE?

Debbie Goff

▶ WATCH



ENCOURAGING JUDICIOUS USE OF ANTIBIOTICS IN CATTLE

Greg Habing

▶ WATCH

A world free from the threat of AMR



Infectious Diseases Institute