One Health Grand Challenge: Process & Timeline

Bringing Together the Brain Trust Across Campus to Solve Societal Issues involving Animal Health, Human Health, and the Connection to the Environment

**One Health Campus Council**

Advisory Council – “to ensure that One Health is a highly successful interdisciplinary initiative which exerts positive impact within our state, nation, and world. This will be accomplished through active engagement of faculty, staff, and students from across campus and beyond, as well as constituents and other leaders.” – Dean Eleanor Green

**Major Research Themes**

- Chronic Diseases & Conditions
- Global Health & Security
- Safe & Available Food and Water (impact on human & animal health)
- Accessible & Affordable Quality Healthcare

**Transdisciplinary Faculty Forums**

- Chronic Diseases & Conditions
- Global Health & Security
- Safe & Available Food and Water (impact on human & animal health)
- Accessible & Affordable Quality Healthcare

**Multi-College Research Proposals (23)**

- Optimizing One’s Health: Genetic and Environmental Regulation of Metabolic Health
- Chagas Disease in Humans, Animals, and Insect Vectors Across a Transnational Gradient
- Development of Next-Generation Biologics through Micropathophysiological Systems
- Transformative Impacts on One-Health Using Electron Beam as a Platform Technology

**Choose Hi-Impact Initiatives**

- Optimizing One’s Health: Genetic and Environmental Regulation of Metabolic Health
- Chagas Disease in Humans, Animals, and Insect Vectors Across a Transnational Gradient
- Development of Next-Generation Biologics through Micropathophysiological Systems
- Transformative Impacts on One-Health Using Electron Beam as a Platform Technology

**Seek Funding**

- $100,000 from Vice President of Research
- $100,000 from colleges who have faculty collaborating on the four proposals

**Total Funding:** $200,000