Update from the Division of Research

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Division of Research Updates

- Legislative Session
- Research Development Services
- Compliance Training Requirements
- AAHRPP Accreditation
- Research Development Fund
- Research Fellows Program
- Questions
Results of the 84th Texas Legislative Session

• A unified effort across The Texas A&M University System

• $3.1 billion in capital construction revenue bonds to support higher education across the state
  – $800 million for the A&M System
  – $344 million for Texas A&M + Agencies
Proposed New Construction Projects

• $75 million: Biocontainment Laboratory Facility

• $72 million: Multidisciplinary Research and Education Facility (MREB-2) – Health Science Center, Bryan

• $60 million: Classroom and laboratory facility – Galveston

• $72 million: Texas A&M Baylor College of Dentistry, Dallas

• $65 million in special debt-service funding: TEES Center for Infrastructure Renewal
University Research Fund

- A&M System worked closely with Governor Abbott
- Fund received $40 million in appropriations
- Designed to attract world-renowned researchers to Texas universities
Texas Research University Fund

- Eligible participants: Texas A&M and The University of Texas

- $147.1 million total appropriation
  - Texas A&M received $79.2 million
  - UT Austin received $67.8 million
Research Development Services

Research Development Programs (nearly 800 participants in first year)

- Grant Writing Workshops (NIH, NSF, others)
- Intensive grant proposal writing program for junior faculty
- Grant review process
- Resubmissions

2014 Class

Funded (2):
1 USDA – NIFA
1 NIH R01 - NIDDK

NIH Scored: 7/10 in first round
3 pending funding; 4 resubmits
9 under review, 7 in preparation
Research Development Services

- Working Group Forums
  - Imaging
  - Antimicrobial Resistance
  - More to come

- International Programs
  - Mexico and CONACYT
  - Brazil and CAPES

- Internal Programs
  - Program to Enhance Scholarly and Creative Activities
  - Arts & Humanities Fellows
2015 Arts & Humanities Fellows

Smart Shrinkage: Design for the Un-developing Landscape
  – Dr. Galen D. Newman, assistant professor, Department of Landscape Architecture and Urban Planning, College of Architecture

Raising Vietnamese: Youth Identities in North and South Vietnam During the War (1965-1975)
  – Dr. Olga Dror, associate professor, Department of History, College of Liberal Arts

Concerto for Chamber Ensemble and Orchestra and Chamber Concerto
  – Dr. Peter Lieuwen, professor and Composer-in-Residence, Department of Performance Studies, College of Liberal Arts
2015 Arts & Humanities Fellows

Memory: Rhetoric, Place, and Black Freedom
  – Dr. Kristan Poirot, assistant professor, Department of Communication and the Women’s Gender Studies Program, College of Liberal Arts

Empire’s Children: Youth Culture and the Long Nineteenth Century’s Expansionist Impulse
  – Dr. Brian Rouleau, assistant professor, Department of History, College of Liberal Arts

SPEAR: Syriac Persons, Events, and Relations
  – Dr. Daniel L. Schwartz, assistant professor, Department of History, College of Liberal Arts
Compliance Training Changes

• Human Research Protections (IRB) training
  – Changed from every three years to every five years

• IACUC basic training
  – Changed from every three years to one time and you are done

• Biosafety (IBC) training
  – Changed BSL-2 training from every three years to every five years
Accreditation for Human Research Protection Program

• The Association for the Accreditation of Human Research Protection Programs (AAHRPP)
  – Gold seal of a quality human research program where protecting participants is a shared responsibility and a top priority

• Texas A&M researchers
  - Gain competitive edge with sponsors
  - Instill trust among research partners
  - Enhance their standing with US federal agencies
Research Development Fund

• A strategic partnership between Texas A&M, the HSC, TEES, and AgriLife Research.

• The RDF supports the research enterprise and catalyzes new ventures through investments in:
  - areas of core research facilities and equipment and their initial operation
  - strategic investments in the creation of core facilities and significant renovations of existing core facilities
  - investment in faculty development and support for competing for exceptionally large projects

• The CPI played a key role in appointing the RDF-Advisory Committee members to facilitate the implementation of the RDF distribution.
Research Development Fund

- 24 proposals
- Total requests: $45m
- 170 researchers as lead and/or team members
- 13 colleges and over 135 “units”
- 2 funded proposals through the RDF
- 2 proposals that will be funded in part via other sources of money
Research Development Fund

IMAC: AN INTEGRATED METABOLOMICS ANALYSIS CORE

Colleges: Engineering, Agriculture and Life Sciences, Medicine, Veterinary Medicine, Science, AgriLife Research, Institute of Biosciences & Technology-Houston

Arul Jayaraman, Lawrence Dangott, Stephen Safe, Robert Chapkin, Robert Alaniz

TEXAS WATER OBSERVATORY (TWO): CAPACITY BUILDING IN BRAZOS CORRIDOR

Colleges: Agriculture & Life Sciences, Geosciences, Engineering

Binayak P. Mohanty, Gretchen Miller, Steven Quiring, Georgianne Moore, Cristine Morgan, Mark Everett
Research Fellows Program

• Develop new research capabilities
• Enhance research infrastructure resources
• Cultivate interdisciplinary activities
• Develop programs and tools to enhance competitiveness of faculty to secure external funding
• Will participate in the activities and operations of the Division
Research Fellows

Clare A. Gill
Professor
Department of Animal Science
College of Agriculture and Life Sciences

*Core facilities*

Haiyan Wang
Professor
Department of Electrical and Computer Engineering
Dwight Look College of Engineering

*Multidisciplinary grants and large-scale grant initiatives*

Teresa G. Wilcoxon
Professor
Department of Psychology
College of Liberal Arts

*Post-doctoral researchers*
Questions?