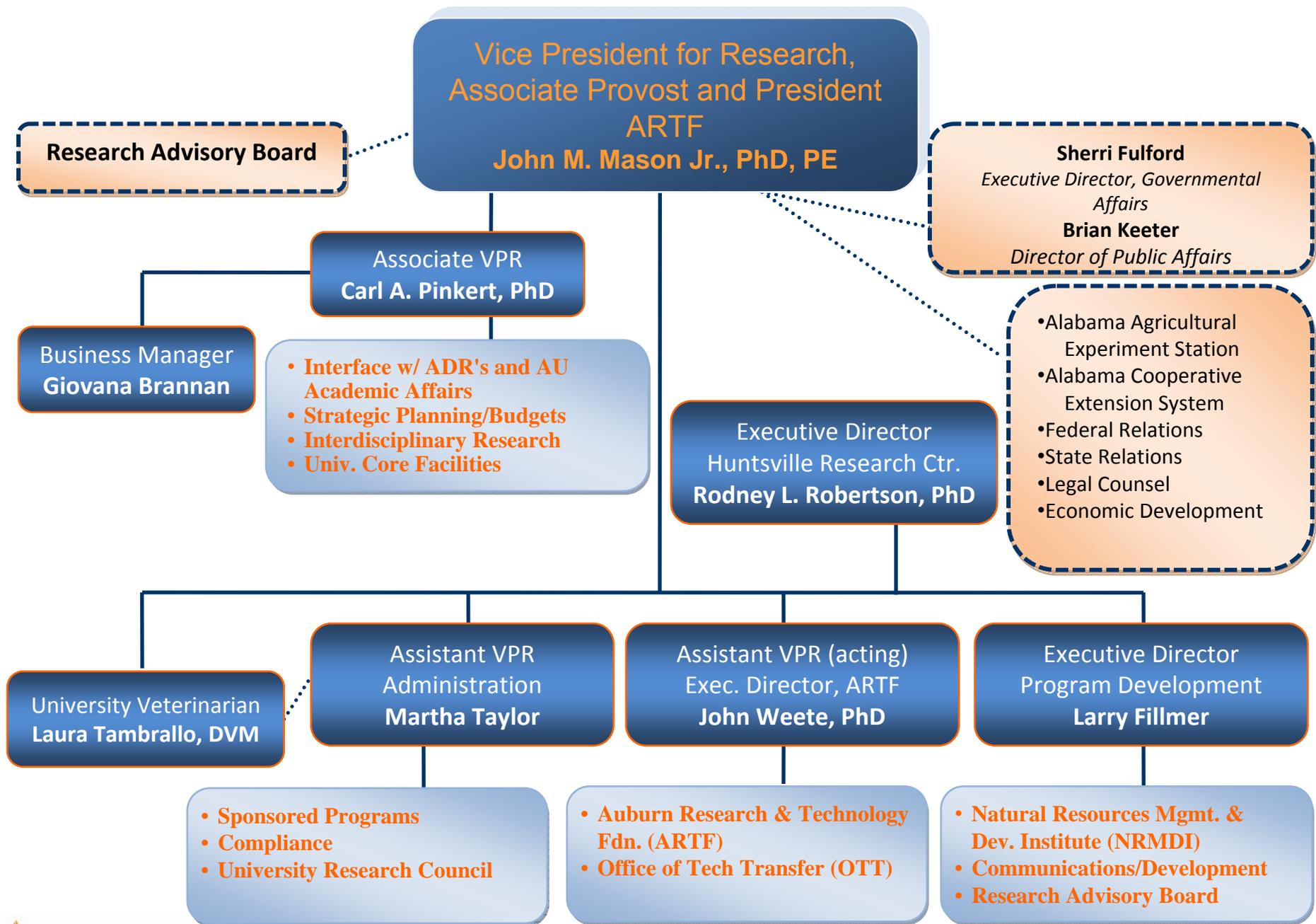




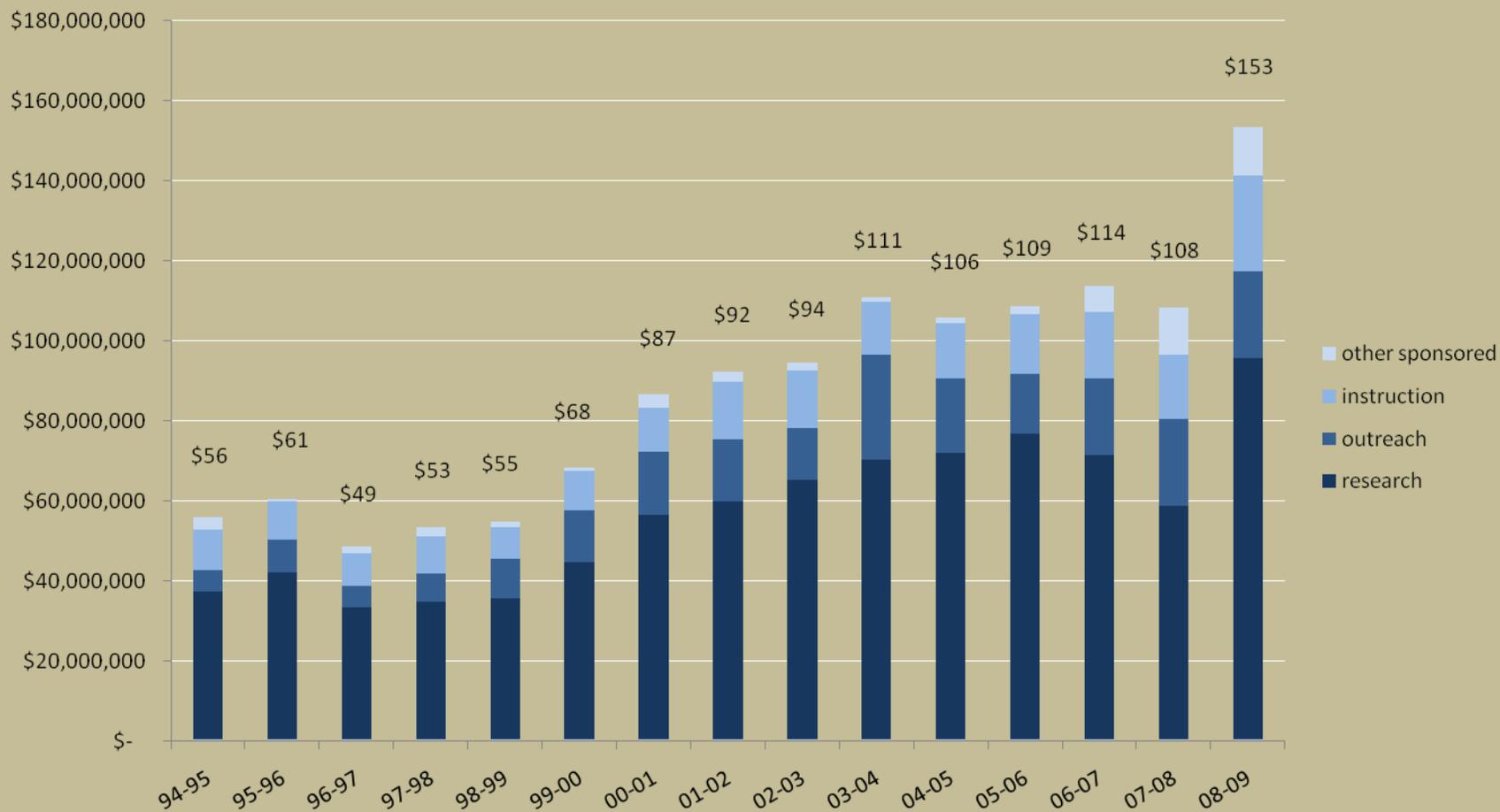
AUBURN UNIVERSITY

RESEARCH

August 24, 2010



Total Awards Received for Research, Outreach/Extension, Instruction and Other Sponsored Activities



AUBURN UNIVERSITY

RESEARCH

2010 Research Forum
Wednesday, September 8th, 2010
Auburn University Hotel and Dixon Conference Center

1 pm - 2 pm: Pre-orientation Satellite **Grantsmanship Workshop** (Martha Taylor, Asst. VPR; AUHCC Seminar Room) ***Note separate advance reservation required.***

2 pm - 2:30 pm: **Registration** (picking up name badges) -- Prefunction Foyer

2:30 pm - 5:30 pm: **Research Orientation**

Auditorium (2:30 to 3:30 pm)

2:30 pm -- Welcome – Mary Ellen Mazey, Provost

2:35 pm -- Research Office Overview - John Mason, VP for Research

3:05 pm -- Sponsored Programs - Martha Taylor, Asst. VP for Research

Ballroom B (3:30 to 6:00 pm)

3:30 pm -- Research Expo and Reception - Including display booths for: IACUC, IBC, IRB, NEH/ALCS, Library, OIT/IMG, OSP, OTT, RMS.

Research

Security, OVPR cores (Hybridoma Facility, Research Instrumentation Facility, Research Electronics Shared Facility), and more...



AUBURN UNIVERSITY

RESEARCH

**Auburn University
Intramural Grants
Program**

August 24, 2010



AUBURN UNIVERSITY

RESEARCH

Auburn University Intramural Grants Program

- Call targeted for release by the end of August.
- Applications are due by: **October 1, 2010.**
- Start date: Tentatively as early as **January 1, 2011.**
- This initiative will consolidate, replace and enhance the four previous mechanisms of support:
 - ❖ Competitive Research Grants
 - ❖ BioGrants
 - ❖ Interdisciplinary Grants
 - ❖ Faculty Mentoring Grants

Auburn University Intramural Grants Program

- The four previous mechanisms of support amounted to approximately **\$280,000** from the OVPR annually.
- The 2010 program anticipates an allocation of **\$1,000,000**.
- With required matching support outlined in the call – the total funding for scholarly efforts of faculty could approach **\$2,000,000**.
- Intramural Grants Program Workshop to be planned by Dr. Carl A. Pinkert and Dr. Bruce F. Smith.



Auburn University

Intramural Grants Program

- Program developed by the Faculty Research Committee of the University Senate (Chair: Dr. Bruce F. Smith).
- Program funding is derived from:
 - The 10% indirect cost recovery (ICRE or F&A) allocated to the OVPR from Division 1 extramurally sponsored grants and contracts.
 - Administrative changes within the OVPR combined with conservation and redistribution of funds made the \$1,000,000 annual allocation possible.
- Future continuation is tied to sustaining/increasing recovered F&A from externally sponsored programs.
- Faculty in all colleges/schools have the opportunity to compete for all awards.



Auburn University

Intramural Grants Program

- Four levels of competition (OVPR contribution):
 - ✓ **Level 1 – Seed Research/Scholarship Proposals (\$2000)**
Individual investigator driven projects working on a new research program or scholarly initiative.
 - ✓ **Level 2 – Exploratory Interdisciplinary Research/Scholarship Proposals (\$3000)** Faculty from at least two departments/schools/ colleges working on a new research program or scholarly initiative.
 - ✓ **Level 3 – Developmental Interdisciplinary Research/Scholarship Proposals (\$25,000-\$75,000)** Faculty from at least two schools/colleges working on a new research program or scholarly initiative.
 - ✓ **Level 4 – Interdisciplinary Equipment Proposals (\$25,000-\$75,000)** Faculty from at least two schools/colleges must demonstrate need.



**Auburn University
Deepwater Horizon
Gulf Oil Spill Update
August 24, 2010**



AUBURN UNIVERSITY

RESEARCH

Teleconference with Secretary of the Navy Ray Mabus – August 2, 2010

- **Long-term plan for restoration of the gulf must be science driven**
 - Participation by universities essential
 - Plans must come from the gulf – cannot be mandated from D.C.
 - Plans need to address future economic diversity
 - Need to create a “data warehouse”
- **Nation needs a healthy gulf**
 - Provides one-third of the seafood
 - Provides 30% of the oil
 - Provides 16% of natural gas
- **Additional factors**
 - Significant human issues cannot be overlooked – health
 - Prioritization – environment, economic, human health
 - Funding will come from federal government – will be outside of the normal appropriations process



Auburn University Oil Spill Blog

- Regular postings about activities in the gulf region

www.auburn.edu/research/oilspillblog

- Link found on AU homepage



Alabama Road to Restoration
Integrated Recovery Strategies for the Gulf Coast
Forum 1
October 5-6, 2010 – Orange Beach, Alabama

- **Event being planned by AU Research, AU Center for Governmental Services and Alabama Cooperative Extension System**
- **Engaged with federal and state agencies as well as local community, business and government leaders on Forum topics and agenda**
- **Four primary areas of focus**
 - **Human Survival (Health and Safety)**
 - **Environmental Survival**
 - **Business Continuity and Survival**
 - **Governance and Management**
- **Will feature keynote speakers and AU Research, Outreach and Extension faculty and staff**
- **Forum focusing on Alabama Gulf Coast counties and communities**
- **Weekly teleconference among planners occurring at 8 a.m. on Wednesday mornings**



AUBURN UNIVERSITY

RESEARCH

Northern Gulf of Mexico Recovery Plan

- **AU plan of capabilities and approach to recovery**
 - **Assessment of impact to seafood, human health, commercial and sport fisheries, wildlife and vegetation and socioeconomic factors**
 - **Solutions for remediation, restoration and recovery of Northern Gulf ecosystem and habitat**
 - **Solutions to restore impacted individuals, families and communities**
- **Initial plan distributed to Alabama Congressional delegations, federal agencies (NOAA, FDA, Department of the Navy), the Governor's office and BP**
 - **Ongoing refinement and integration of capabilities**
 - **Plan will serve as foundation for AU response to specific calls for assistance from federal, state and BP sponsored program requests**



BP Gulf Research Initiative

- **BP has granted \$5 million to Alabama through the Marine Environmental Sciences Consortium (MESC)**
- **Dr. John Valentine, Chairman of university programs at Dauphin Island Sea Lab (DISL), designated as Principal Investigator of Alabama's effort**
- **Four themes funded at approximately \$1 million**
 - **Ecosystem integration and assessment**
 - **Physical distribution, dispersion and dilution of contaminants under the action of ocean currents and tropical storms**
 - **Environmental effects of the oil-dispersant system and the science of ecosystem recovery**
 - **Chemical evolution and biological degradation of the oil-dispersant systems and subsequent interaction with marine and coastal ecosystems**



AUBURN UNIVERSITY

RESEARCH

BP Gulf Research Initiative

- **Four workshops to be held in early September in Mobile**
- **Faculty representation for each workshop forwarded to Dr. Valentine on August 19, 2010**
- **Integrated proposals will be developed and submitted to the Harte Institute at Texas A&M for peer reviews**
- **Master agreements will be prepared by DISL in mid-November**
- **Work plans and budgets will be reviewed and approved by the MESC Executive Committee**
- **Work must be completed by December 31, 2011**



AUBURN UNIVERSITY

RESEARCH

NSF Rapid Response Grants

Five AU researchers have received grants for oil spill related work:

Stephen (Ash) Bullard – Department of Fisheries and Allied Aquaculture

Project: Ectoparasites and endoparasites of fishes as bioindicators of acute and chronic environmental perturbation.

Prabhakar Clement – Department of Civil Engineering

Project: Development of a pyrolysis GC/MS facility for characterizing oil-contaminated water, sediment and seafood samples.

Anthony (Tony) Moss – Department of Biological Sciences

Project: Acquisition of a FlowCAM for concurrent analysis of marine and estuarine hydrocarbon particles, microbe and microinvertebrate assemblages.

Ken Halanych – Department of Biological Sciences

Project: Assessing the extent to which the small animal life living in marine sediments has been impacted by the oil and/or dispersants using cutting edge genomic methods.

Ming-Kuo Lee – Department of Geology and Geography

Project: Examining the effects of the oil spill on the cycling of metals in coastal wetlands that are not biodegradable and may have concentrations above regulated levels for seafood safety.



AUBURN UNIVERSITY

RESEARCH

Other Oil Spill Grants

Two additional proposals also funded:

LaDon Swann – ACES and Department of Fisheries and Allied
Aquaculture

Project: USDA (through LSU) – Deep water horizon oil spill in the Gulf of Mexico.

Wayde Morse – School of Forestry and Wildlife Sciences

Project: USDA Forest Service – Tourism, the gulf oil spill and community resiliency.



AUBURN UNIVERSITY

RESEARCH

NSF sponsored Gulf Oil Spill Conference

- **Conference to be held in New Orleans on November 1-2, 2010**
- **Technical conference involving multiple universities from across the gulf region**
- **Requested nominations for AU faculty/research participation**
 - **AU nominations were submitted on August 13, 2010**



AUBURN UNIVERSITY

RESEARCH



AUBURN UNIVERSITY

RESEARCH

Auburn University

Intramural Grants Program

- **Level 1 – Seed Research/Scholarship Proposals** (individual investigator driven projects) working on a new research program or initiative.
 - ✓ A faculty member must be at the Assistant Professor level or higher.
 - ✓ Up to \$2,000 may be requested (\$2000 in OVPR support with 1:1 matching funds of up to \$2000 from the department/school/college can extend the total award to \$4000).
 - ✓ Expectations/deliverables: The award is considered seed funding and the applicant must describe how the award will result in a) additional extramural support and/or b) how this award will result in furthering the research/scholarship mission of AU.
 - ✓ As many as 20 individual Level 1 awards are envisioned each year.



AUBURN UNIVERSITY

RESEARCH

Auburn University

Intramural Grants Program

- **Level 2 – Exploratory Interdisciplinary Research/Scholarship Proposals** (faculty from at least two departments/schools/colleges) working on a new research program or initiative.
 - ✓ At least one faculty member must be at the Assistant Professor level.
 - ✓ Up to \$3,000 may be requested (\$3000 in OVPR support with 1:1 matching funds of up to \$3000 from the school/college can extend the total award to \$6000).
 - ✓ Expectations/deliverables: The award is considered seed funding and the applicant must describe how the award will result in: a) additional extramural support and/or b) how this award will result in furthering the research/scholarship mission of AU.
 - ✓ As many as 20 individual Level 2 awards are envisioned each year.
 - ✓ A school/college match of 1:1, up to \$3000 is required.



Auburn University

Intramural Grants Program

- **Level 3 – Developmental Interdisciplinary Research/Scholarship Proposals** (faculty from at least two schools/colleges) working on a new research program or initiative.
 - ✓ Between \$25,000 and \$75,000 are available.
 - ✓ A 1:1 match with funds from the Colleges/Schools involved is required (total award therefore could reach \$150,000).
 - ✓ A minimum of two awards is envisioned annually.
 - ✓ Support must be used as seed money to capture new extramural public or private sector support.
 - ✓ **If identified deliverables are achieved, a one-time graduate student stipend for one or two semesters (dependent upon size of the award) will be provided to the research/scholarship team.**



AUBURN UNIVERSITY

RESEARCH

Auburn University

Intramural Grants Program

- **Level 4 – Interdisciplinary Equipment Proposals** (faculty from at least two schools/colleges must demonstrate need).
 - ✓ Between \$25,000 and \$75,000 may be requested for a Level 4 application (total award including School/College match could therefore reach \$100,000). One or two awards are envisioned annually.
 - ✓ Expectations/deliverables for a Level 4 award include:
 - The work must represent an area of endeavor where the scope forms a definitive foundation for further collaborative development and future extramural support/consideration.
 - Cost-shares with school/college funds will be required.
 - For grants under \$50,000, the 1st \$12,500 shall be supported by Colleges/Schools.
 - For grants over \$50,000, the 1st \$25,000 shall be supported by Colleges/Schools.
 - ✓ Equipment is expected to be shared / made available to the University community on an equitable basis to be defined by the applicant.
 - ✓ **If deliverables are met, a one year equipment service contract will be provided by the OVPR (not to exceed 25% of original cost-share support).**

