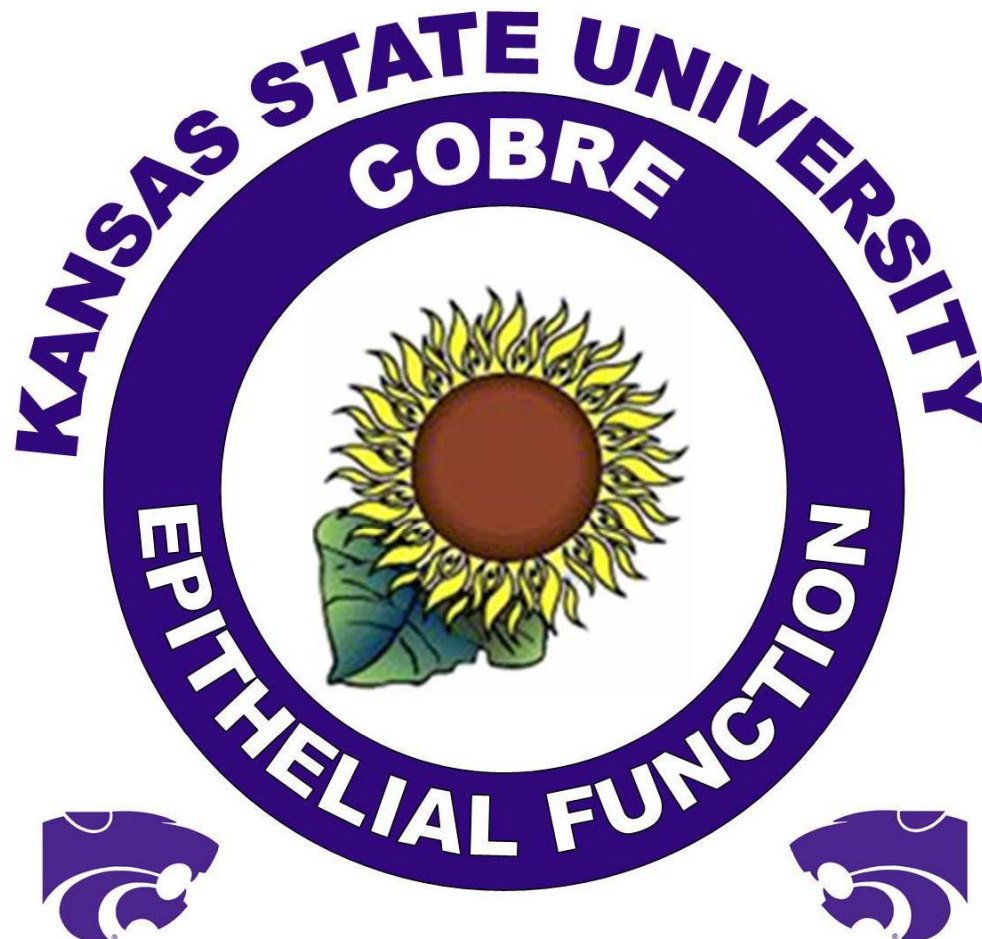


**2011 External Advisory Committee Meeting
Review of Administrative Core**



Program Director - Dr. Daniel C. Marcus

Welcome

External Advisory Committee (EAC)

Dr. Walter Boron

Case Western Res. U., Chair of Physiology & Biophysics
Molecular Basis of pH Regulation

Dr. Eric Delpire

Vanderbilt U., Professor Anesthesiology Research
Mechanisms of Anion-Cation Cotransport

Dr. Robert Bridges

Franklin Univ. Medical School, Chair of Physiology & Biophysics
Epithelial Ion Transport Physiology (ENaC, CFTR, K channels)

Dr. Hanno Steen

Children's Hospital/Harvard, Director of the Proteomics Center
Analysis of Protein Modifications by Mass Spectrometry

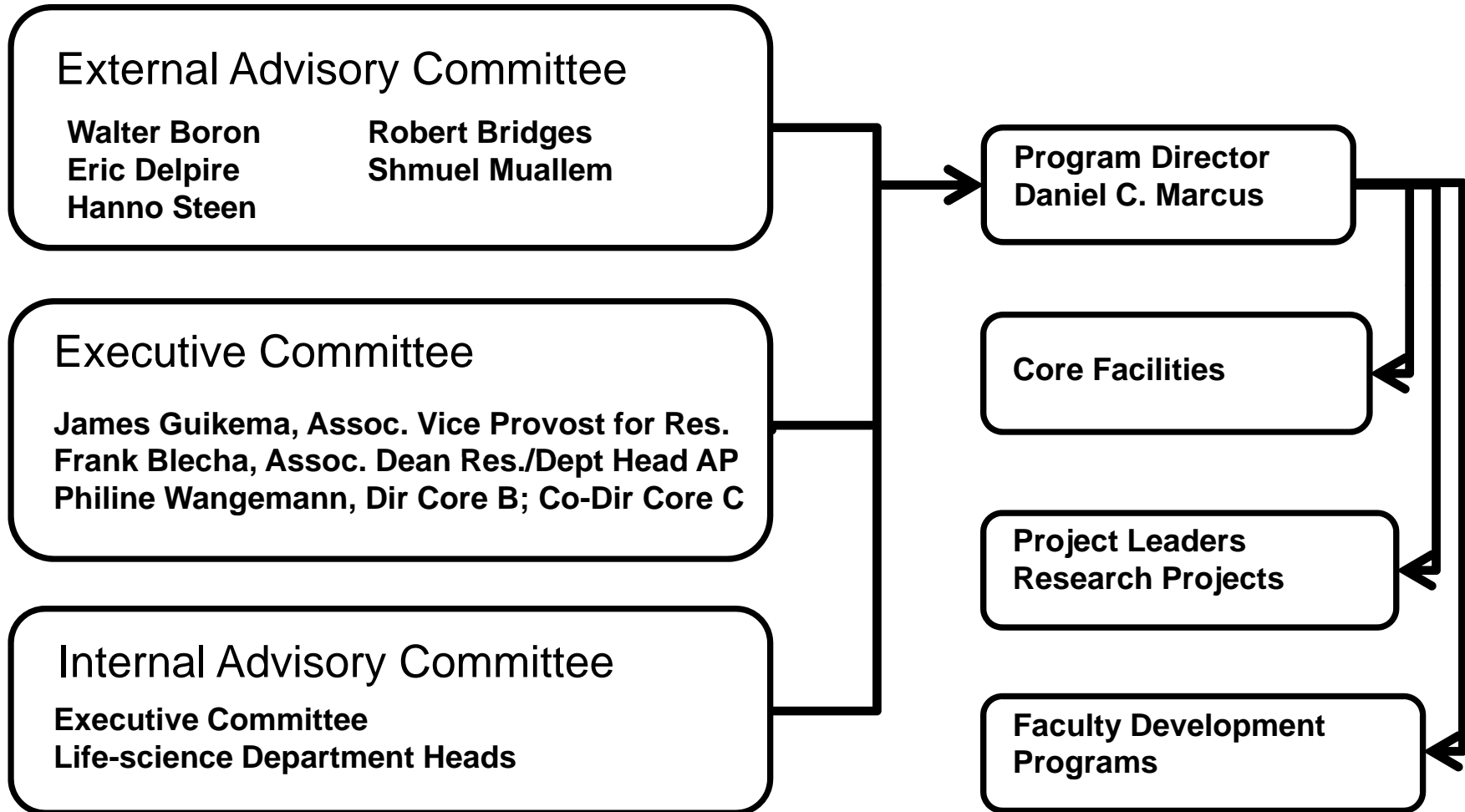
Dr. Shmuel Muallem

Chief, Epithelial Signaling and Transport Section
Molecular Physiology and Therapeutics Branch, NIDCR
Molecular Physiology of Ca²⁺ Signaling & Anion Transport

Participants

K-State Administration
External Advisory Committee
Department Heads
Executive Committee
Core Directors
Resource Faculty
Project Leaders
Pilot Project Leaders
Core Managers
Administration Support

Organizational Chart



Department Heads

Name	Department	College
Frank Blecha	Anatomy & Physiology	Veterinary Medicine
Bonnie Rush	Clinical Sciences	Veterinary Medicine
MM Chengappa	Diagnostic Medicine & Pathology	Veterinary Medicine
Denis Medeiros	Human Nutrition	Human Ecology
David Rintoul	Biology	Arts & Sciences
Michael Kanost	Biochemistry	Arts & Sciences
David Margolies	Entomology	Agriculture

Executive Committee

Name	Position	College
Daniel Marcus	<ul style="list-style-type: none">• COBRE Director• Univ. Distinguished Prof., Anatomy & Physiology	Veterinary Medicine
James Guikema	<ul style="list-style-type: none">• Assoc. Vice President• Vice President for Res.	Central Administration
Frank Blecha	<ul style="list-style-type: none">• Head, Anatomy & Physiology• Assoc. Dean Research• Univ. Distinguished Prof.	Veterinary Medicine
Philine Wangemann	<ul style="list-style-type: none">• Univ. Distinguished Prof., Anatomy & Physiology• COBRE Core Director	Veterinary Medicine

Core Directors

Confocal Microfluorometry and Microscopy Core

Philine Wangemann

Anatomy & Physiology

Molecular Biology and Biochemistry Core

Philine Wangemann

Anatomy & Physiology

Roman Ganta

Diagnostic Medicine &
Pathology

Electrophysiology Core

Daniel Marcus

Anatomy & Physiology

Core Managers

Confocal Microfluorometry and Microscopy Core

Joel Sanneman

Anatomy & Physiology

Molecular Biology and Biochemistry Core

Kalidou Ndiaye

Anatomy & Physiology

Electrophysiology Core

Donald Harbidge

Anatomy & Physiology

Resource Faculty

Name	Department	Resource
John Tomich	Biochemistry	Peptide analysis & synthesis
Susan Brown	Biology	Bioinformatics
Om Prakash	Biochemistry	NMR protein structural analyses
Dee Takemoto	Biochemistry	Gap junction function

Administrative Support

Name	Position	Location
Lisa Duer	Grant Management	CVM Dean's Office
Brian Willis	COBRE Administrative Assistant	Anatomy & Physiology

Meeting Agenda

- Admin & Core Presentations
- Project Leader Research Programs
- EAC–PL Discussions

EAC	Session 1	Session 2
Walter Boron	Jishu Shi	Sanjeev Narayanan Yongming Sang Butch KuKanich
Robert Bridges	Ronette Gehring	
Eric Delpire	Brian Lindshield	
Shmuel Muallem	Tonatiuh Melgarejo	

- Executive Session of EAC
 - Discussion by EAC alone
 - Evaluation of COBRE by EAC
 - Discussion of Phase 3 COBRE Proposal

Administrative Programs

- Project Leader mentoring sessions and reports
 - Project update seminars
 - EAC mentoring at Spring meeting
- Outside speaker seminars
- Core tutorial workshops
- Meetings
 - External and Internal Advisory Committees,
 - Executive Committee,
 - State & National COBRE committees
 - Regional & National IDeA Conferences
- Annual Progress Report preparation and communications w/NIH
- Reviews of investigator grant proposals
- Search for and recruit new COBRE investigators & mentors
- Accounting of all funds
- Information dissemination: web site and brochure
- Oversight of development & operation of the scientific Cores

Additional Programs

- Development and/or trial of new techniques,
- Rodent genotyping for K-State;
- Travel for collaborations and training
 - Visiting scientist support
 - Mini-sabbaticals (short courses, lab visits)
- Pilot Project Awards
 - Intramural grant supplements (CVM)
 - Faculty development awards
 - Recovery Act Supplemental Award
 - Start-up supplements

Project Leader Seminars

September 2010 – May 2011

- Project leaders presented:
 - Current project status and
 - Outlined future plans
- Discussed as a group
- Consistently high attendance

Seminar Series - Year 9

1. Dr. Sheldon Miller – Metabolism and Function at the Photoreceptor/RPE Interface: Lessons for Cell Based Therapies
2. Dr. James Fleet – Does High Vitamin D Status Prevent Prostate Cancer?
3. Dr. Olivera (Olja) Finn – Postponed to Fall 2011
4. Dr. Robert Bridges – Capitalizing on Compound Combinations for the Treatment of Cystic Fibrosis
5. Dr. Barry Hinton – Morphogenesis of the developing Wolffian/epi-didymal duct: More twists and turns

Year 1: 3 speakers (39 – 42 attendees)

Year 2: 5 speakers (35 – 59 attendees)

Year 3: 8 speakers (35 – 59 attendees)

Year 4: 9 speakers (39 – 55 attendees)

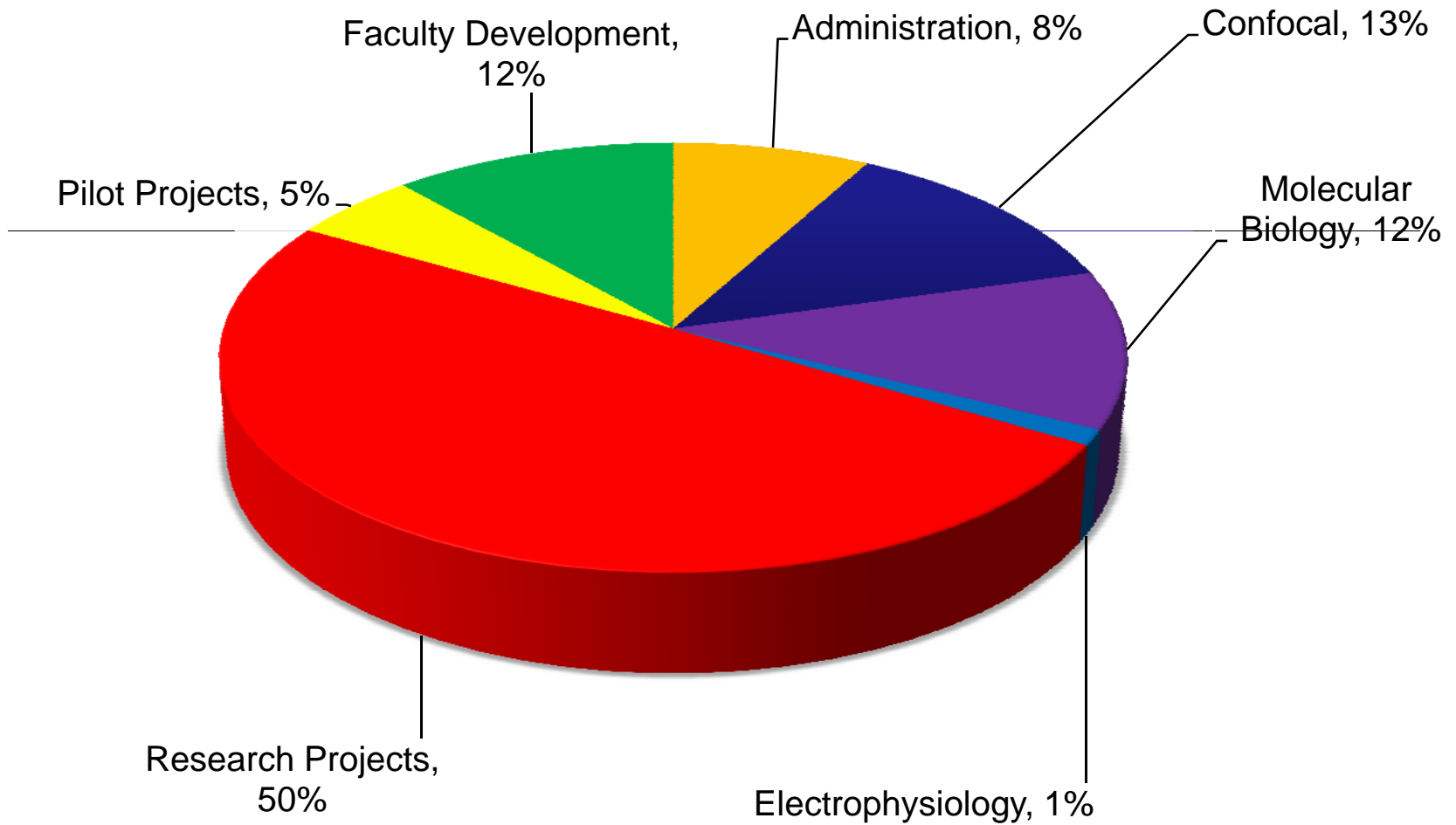
Year 5: 5 speakers (27 – 57 attendees)

Year 6: 4 speakers (24 – 44 attendees)

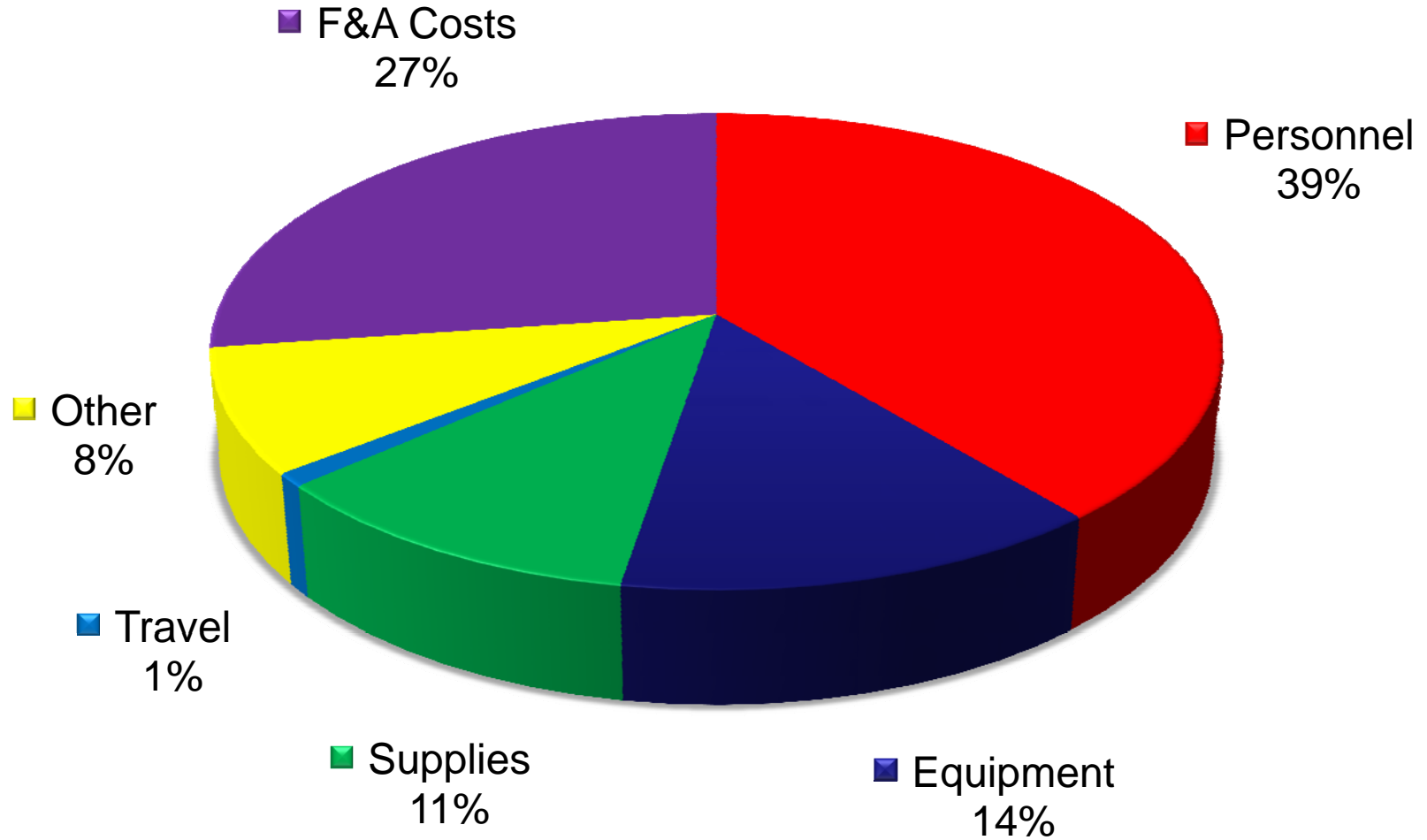
Year 7: 4 speakers (22 – 34 attendees)

Year 8: 4 speakers (24 – 28 attendees)

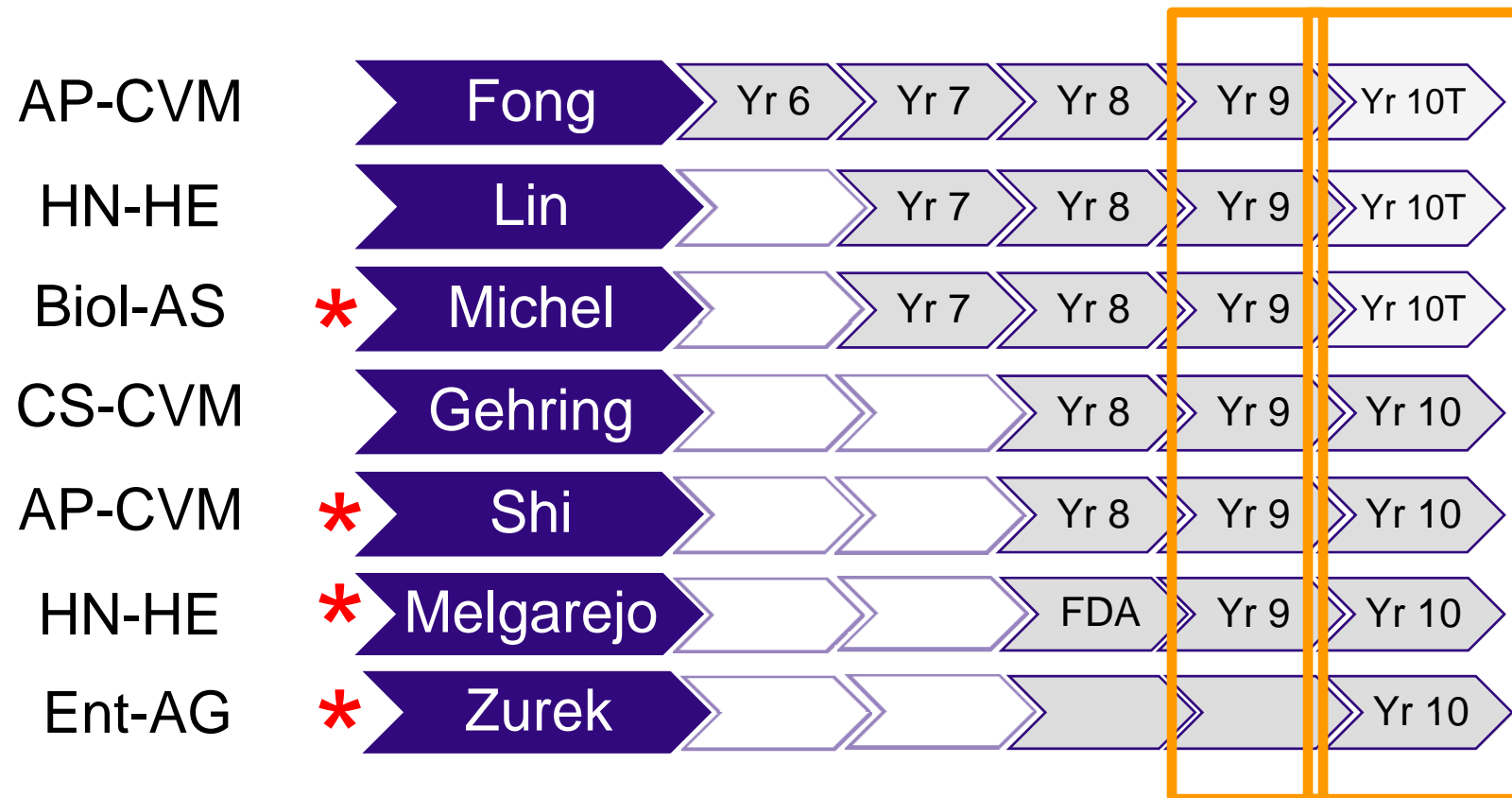
Year 9 Award \$2,131,563



Award by Category

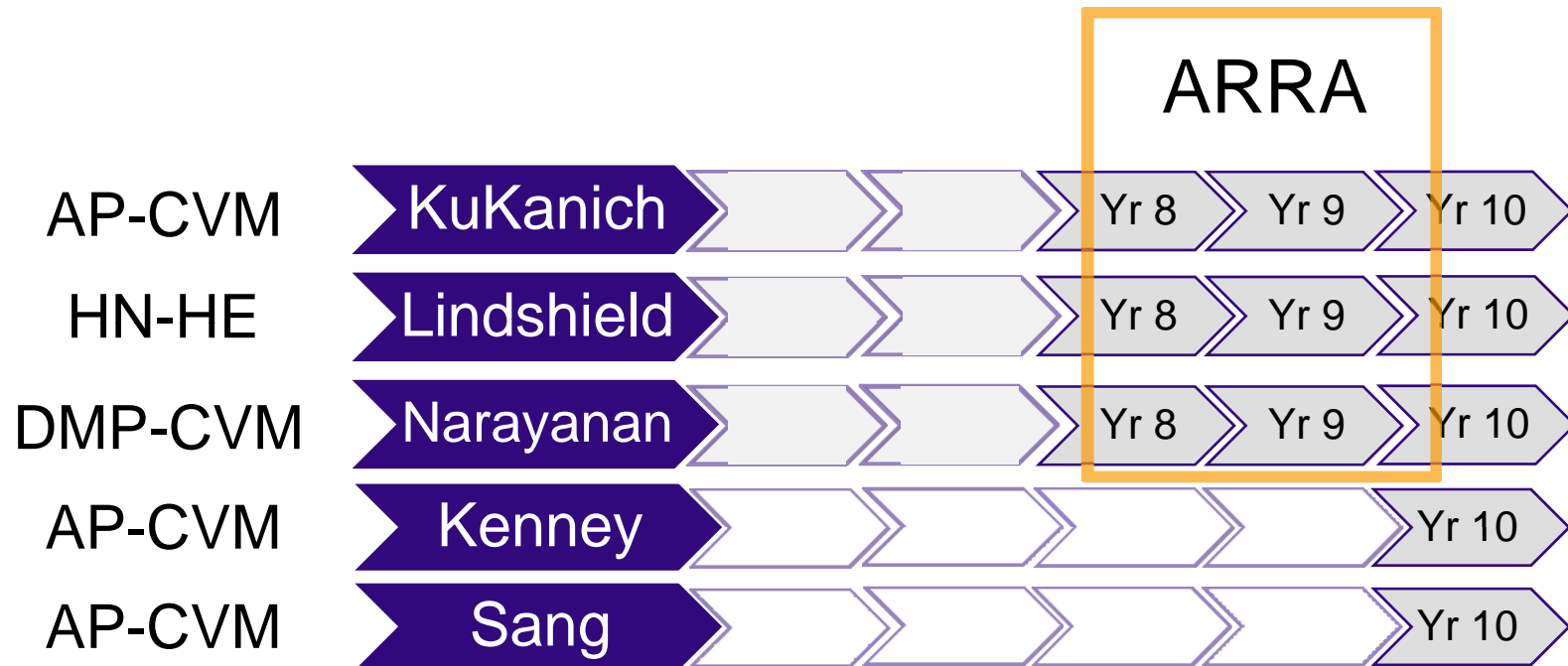


Project Leader Funding



* PI on major grant (R01, R21, R15, P01, P50, USDA, industry)

Pilot Project Leader Funding



ARRA: American Recovery and Reinvestment Act of 2009

Project Leader Graduates

	Name	Department	College
*	Darren Wallace	Kidney Institute	KU Medical Center
	Tom Schermerhorn	Clinical Sciences	Veterinary Medicine
*	Roman Ganta	Diagnostic Medicine and Pathology	Veterinary Medicine
*	Annelise Nguyen	Diagnostic Medicine and Pathology	Veterinary Medicine
*	Rollie Clem	Biology	Arts & Sciences
*	Tona Melgarejo	Human Nutrition	Human Ecology
*	Yoonseong Park	Entomology	Agriculture
*	Sherry Fleming	Biology	Arts & Sciences
*	Bruce Schultz	Anatomy & Physiology	Veterinary Medicine
*	Jim Lillich	Clinical Sciences	Veterinary Medicine
	* <i>PI on major grant (R01, R21, R15, P01, P50, USDA, industry)</i>		

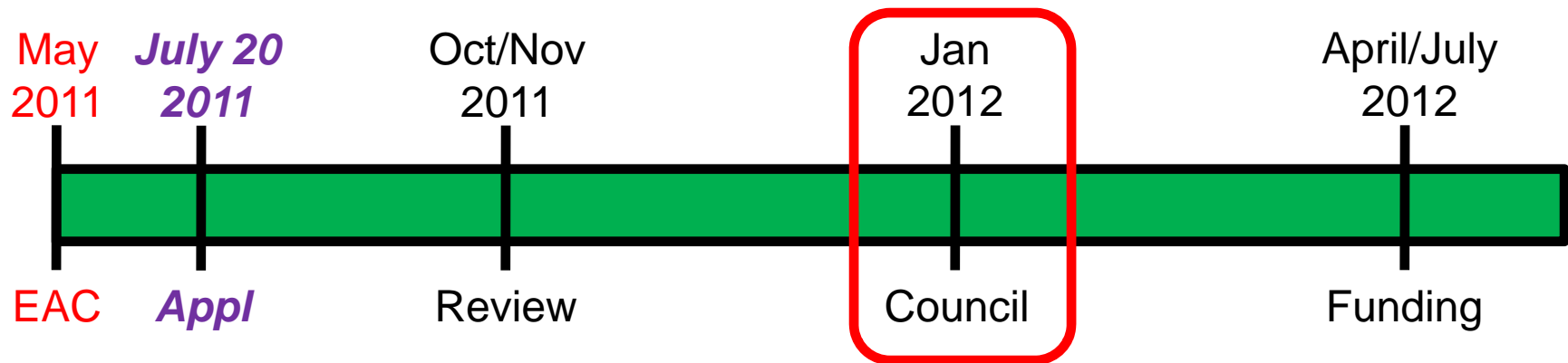
COBRE – leveraged External Grant Awards

	Direct Costs	F&A	Total Costs
Year 1	\$ 2,628,568	\$ 1,200,108	\$ 3,828,676
Year 2	\$ 1,955,634	\$ 707,251	\$ 2,662,885
Year 3	\$ 2,080,429	\$ 699,598	\$ 2,780,027
Year 4	\$ 3,206,538	\$ 1,405,696	\$ 4,612,234
Year 5	\$ 3,474,240	\$ 1,291,892	\$ 4,766,132
Year 6	\$ 2,320,731	\$ 824,833	\$ 3,145,564
Year 7	\$ 3,457,823	\$ 1,136,911	\$ 4,594,734
Year 8	\$ 4,503,626	\$ 1,577,984	\$ 6,081,610
Year 9	\$ 625,000	\$ 258,000	\$ 883,000
Year 10			\$ -
Total	\$ 24,252,589	\$ 9,102,273	\$ 33,354,862

Publications / Presentations - Year 9

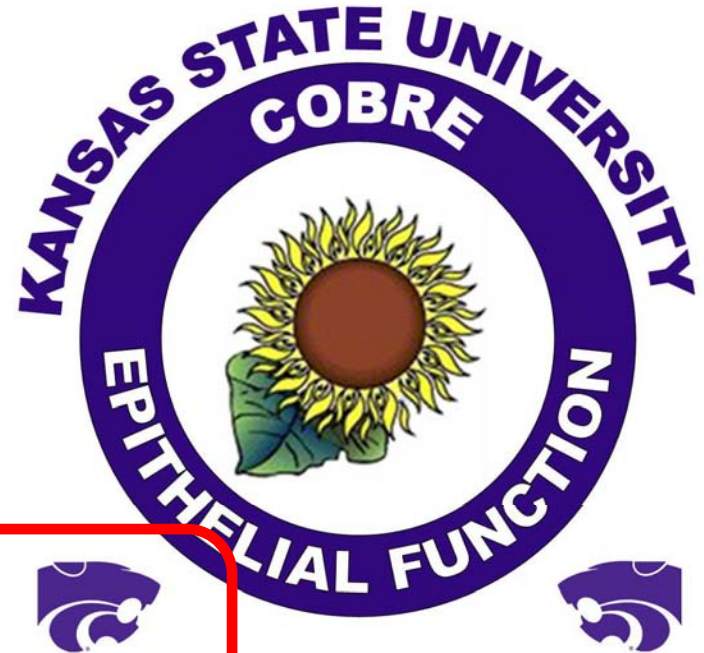
	Cited	Not Cited	Total
Published:			
Abstracts	24	4	28
Books	2	2	4
Journals	29	5	34
In Press:			
Journals	11	3	14
Books	1	2	3
Abstracts	2	0	2
Presentations:			56

COBRE PHASE III: Transitional Centers [P30]



- Five Years, \$750,000 / year for Admin & Scientific Cores
- Admin Core:
 - Project Director (10 - 20%)
 - *Program Coordinator* ($\leq 20\%$)
 - Core Directors ($\leq 10\%$)
 - Internal Steering Committee
 - External Advisory Committee

Special Thanks to the COBRE Staff



Lisa Duer, Grant Manager



Brian Willis, Administrative Assistant

Joel Sanneman, Confocal Core Manager

Dr. Kalidou Ndiaye, Mol. Biol. & BioChem Core Manager

Donald Harbidge, Electrophysiol. Core Manager