# ANNUAL REPORT JANUARY 1 – DECEMBER 31, 2014

# Department of Biostatistics and Epidemiology

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## I. DEPARTMENTAL FACULTY

Count	FACULTY		DISCIPLINE	POSITION TITLE
1	Anderson, Michael	PhD	Biostatistics	Assistant Professor
2	Beebe, Laura	PhD	Epidemiology	Professor
3	Boeckman, Lindsay	MS	Biostatistics	Instructor
4	Campbell, Janis	PhD	Epidemiology	Associate Professor of Research
5	Carabin, Helene	DVM, PhD	Epidemiology	Professor
6	Ding, Kai	PhD	Biostatistics	Assistant Professor
7	Eichner, June	PhD	Epidemiology	Professor
8	Garwe, Tabitha	PhD	Epidemiology	Assistant Professor of Research
9	George, James	MD	Clinical Research	George Lynn Cross Professor
10	Lee, Elisa	PhD	Biostatistics	George Lynn Cross Professor
11	Mushtaq, Nasir	PhD	Epidemiology	Assistant Professor, Tulsa
12	Peck, Jennifer	PhD	Epidemiology	Associate Professor
13	Raskob, Gary	PhD	Epidemiology	Professor and Dean
14	Stoner, Julie	PhD	Biostatistics	Professor and Chair
15	Terrell, Deirdra	PhD	Epidemiology	Assistant Professor
16	Thompson, David	PhD	Biostatistics	Associate Professor
17	Vesely, Sara	PhD	Biostatistics	Professor
18	Wendelboe, Aaron	PhD	Epidemiology	Assistant Professor
19	Zhang, Ying	MD, PhD	Biostatistics	Assistant Professor of Research
20	Zhao, Daniel Yan	PhD	Biostatistics	Associate Professor

NOTE: The annual report does not reflect the work of Drs. Raskob or George as their annual reviews are not performed by the Chair of the Department of Biostatistics and Epidemiology.

## II. Teaching

#### SUMMARY OF FACULTY TEACHING ACCOMPLISHMENTS

BSE continues to serve a central role in the educational programs of the College of Public Health and Graduate College degree programs. Department teaches two of the MPH core courses and also provides a range of electives. We also include in many of our courses students from other colleges on the OUHSC campus, especially Pharmacy and Allied Health which require a number of our courses for their students. Mentoring of students in their academic and professional development is another important activity outside the classroom. Several BSE courses, including BSE 5113 Principles of Epidemiology, BSE 5163 Biostatistics Methods I, and BSE 5023 Computer Applications in Public Health, were offered as online or hybrid courses that included pre-recorded video lectures and other online course materials. The development of these materials was guided by Dr. Denise Robledo, Director of Distance Learning at South Arkansas Community College in El Dorado, Arkansas, who visited the OUSHC campus in 2014 to deliver workshops related to distance education. In addition to online course materials, BSE faculty also utilized an existing online e-learner readiness assessment as a feedback tool for students who were considering enrolling in the online sections of the courses. The Department and faculty continue to be strong supporters of the Master of Clinical and Translational Sciences degree program by co-teaching the CTS 5143 Foundations of Clinical Research and the CTS 5112 Grants Management courses with and serving on thesis advisory committees as well as the Executive and Advisory committees for the program.

Students in BSE were active in 2014 presenting at the GREAT symposium and the national APHA meeting and in publishing papers. Extensive student involvement in research is one of the strongest features of our faculty's approach to mentoring. This involvement is noted in the research section of this report.

## **COURSES TAUGHT – DEPARTMENTAL SUMMARY**

SEMESTER	COURSE NUMBER	COURSE NAME	# STUDENTS
<b>SPRING</b> , 2014	BSE 5013	Application of Microcomputers to Data Analysis	21
	BSE 5113	Principles of Epidemiology	26
	BSE 5113	Principles of Epidemiology (Tulsa)	5
	BSE 5113	Principles of Epidemiology (Pharmacy Section)	25
	BSE 5113	Principles of Epidemiology (Nursing Section)	7
	BSE 5153	Clinical Trials	15
	BSE 5163	Biostatistics Methods I	45
	BSE 5173	Biostatistics Methods II	17
	BSE 5193	Intermediated Epidemiologic Methods	24
	BSE 5303	Epidemiology of Infectious Disease	27
	BSE 5663	Analysis of Frequency Data	31
	BSE 5743	Principles of Mathematical Statistics II	2
	BSE 6151	Applied Statistical Methods for Clinical Trials	10
	BSE 6980	Research for Doctoral Dissertation	7
	CPH 7950	Public Health Practicum	4
	INDT 8303	Enrichment: Foundations of Biostatistics and Epidemiology	168
SUMMER, 2014	BMSC 5002	Principles and Practice of Clinical and Translational Research	10
	BSE 5633	Public Health Strategies for Tobacco Control	5
	BSE 5633	Public Health Strategies for Tobacco Control (Tulsa)	
	BSE 6960	Directed Readings	7
	CPH 7633	Public Health Strategies for Tobacco Control	9
	CPH 7950	Public Health Practicum	2
	CTS 5112	Grants Management	8

FALL, 2014	BSE 5001	Problems in Biostatistics and Epidemiology	26
	BSE 5013	Application of Microcomputers to Data Analysis	24
	BSE 5023	Computer Applications in Public Health	10
	BSE 5111	Scientific Integrity in Research	19
	BSE 5113	Principles of Epidemiology	38
	BSE 5113	Principles of Epidemiology (Tulsa)	8
	BSE 5113	Principles of Epidemiology (Online)	14
	BSE 5113	Principles of Epidemiology (Pharmacy Section)	16
	BSE 5163	Biostatistics Methods I	59
	BSE 5343	Methods in Infectious Disease Epidemiology	6
	BSE 5363	Epidemiology and the Prevention of Chronic Diseases	17
	BSE 5363	Epidemiology and the Prevention of Chronic Diseases (Tulsa)	7
	BSE 5643	Regression Analysis	16
	BSE 5653	Nonparametric Methods	4
	BSE 5703	Principles of the Theory of Probability	7
	BSE 5823	GIS in Health	12
	BSE 6194	Advanced Epidemiologic Methods	6
	BSE 6643	Survival Data Analysis	12
	BSE 6960	Directed Readings	2
	BSE 6980	Research for Doctoral Dissertation	5
	CPH 7950	Public Health Practicum	2
	CTS 5143	Foundations of Clinical Research	8
	INDT 8303	Enrichment: Foundations of Biostatistics and Epidemiology	168

# A. Courses Taught – Listing by Semester and Faculty

c	<b>n</b>	ri.	2
J	N.		ıų
_	_		

Instructor Course	Number of Students	% Responsible Time	
Beebe BSE 6980 Resear	ch for Doctoral Dissertation	1	100%
Boeckman BSE 5013 Applica	ation of Microcomputers to D	ata Analysis 21	100%
Ding BSE 5743 Princip	les of Mathematical Statistic	es II 2	100%
	les of Epidemiology ught with Dr. Moore)	26	50%
	ch for Doctoral Dissertation	1 1	100% 100%
Lee BSE 5153 Clinical (jointly	l Trials y taught with Dr. Shay)	15	40%
Mushtaq BSE 5113 Princip	les of Epidemiology	5	100%
	ediate Epidemiologic Method ch for Doctoral Dissertation		100% 100%
Epide BSE 6980 Resear	ment: Foundations of Biosta miology ch for Doctoral Dissertation	168	100% 75% 100%
CPH 7950 Public  Terrell  BSE 5153 Clinical  BSF 5303 Epidemi			100% guest lecture guest lecture
DOL 0000 Epideilii	ology of fillodilous bisease	,	gacoricolare

Vesely	Applied Statistical Methods for Clinical	al Trials	
DOL 0131	Applied Statistical Methods for Climica	10	100%
BSE 5663	Analysis of Frequency Data	_	1 guest lecture
CPH 7950 BSE 5113	Epidemiology of Infectious Disease Public Health Practicum Principles of Epidemiology (CON-onli Practicum Preparation Seminar Principles of Epidemiology	27 2 ine) 7 15 30	100% 100% 5% 1 lecture 1 lecture
Zhang BSE 5663	Analysis of Frequency Data	31	100%
Zhao BSE 5173	Biostatistics Methods II	17	100%
Summer	N		0/ Decreased his
Instructor Cou	irse ni	umber of	% Responsible
	St	udents	•
Beebe	St	udents	Time
	St Tobacco Control Strategies	tudents 5	•
			Time
BSE 5633 CPH7633	Tobacco Control Strategies	5	Time 100%
BSE 5633 CPH7633	Tobacco Control Strategies Tobacco Control Strategies	5 9	Time 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation	5 9 1	Time 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings	5 9 1 1	Time  100% 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum	5 9 1 1	Time  100% 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings	5 9 1 1	Time  100% 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950 BSE 6980	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum	5 9 1 1	Time  100% 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950 BSE 6980	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum Research for Doctoral Dissertation	5 9 1 1	Time  100% 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950 BSE 6980 Mushtaq BSE 5633	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum Research for Doctoral Dissertation	5 9 1 1	Time  100% 100% 100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950 BSE 6980 Mushtaq BSE 5633	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum Research for Doctoral Dissertation  Public Health Strategies for Tobacco	5 9 1 1 2 1	Time  100% 100% 100% 100%  100%  100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950 BSE 6980 Mushtaq BSE 5633 Peck BSE 6980	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum Research for Doctoral Dissertation  Public Health Strategies for Tobacco  Research for Doctoral Dissertation	5 9 1 1 2 1	Time  100% 100% 100% 100%  100%  100% 100%
BSE 5633 CPH7633 BSE 6980 BSE 6960 Eichner CPH 7950 BSE 6980 Mushtaq BSE 5633 Peck BSE 6980 Stoner CTS 5112	Tobacco Control Strategies Tobacco Control Strategies Research for Doctoral Dissertation Directed Readings  Public Health Practicum Research for Doctoral Dissertation  Public Health Strategies for Tobacco	5 9 1 1 2 1 Control	Time  100% 100% 100% 100%  100%  100%  100%

Vesely BMSC 5002 Principles and Practice of clinical and Translational Research 10 2 guest lectures						
Wendelboe BSE 6960	Directed Readings	1	100%			
<u>Fall</u>						
Instructor Cou		Number of Students	% Responsible Time			
	Principles of the Theory of Probabi Problems in Biostatistics and Epide	•	100% guest lecture			
BSE 5363	Research for Doctoral Dissertation Epidemiology and the Prevention of		1 lecture			
BSE 5111	Scientific Integrity in Research		2 lectures			
Boeckman BSE 5013	Application of Microcomputers to D	ata Analysi 24	s 100%			
Campbell						
	(5990) GIS in Health Problems in Biostatistics and Epide		100% 1 guest lecture			
	Scientific Integrity in Research Epidemiology and Prevention of Cl	20 nronic Disea	1 guest lecture			
Carabin BSE 5343 Methods in Infectious Disease Epidemiology 6 100%						
	Advanced Epidemiologic Methods Scientific Integrity in Research	6 15	7 sessions 1 session			

Ding
BSE 5653 Nonparametric Methods

100%

4

Eich	ner			
	BSE 5363	Epidemiology and Prevention of Chronic	Disea	ases
			17	100%
		Scientific Integrity in Research	19	1 lecture
	BSE 5001	Problems in Biostatistics and Epidemiolo		
	ODI 1 7050	D. I.E. H. ald. Decode as	27	1 lecture
	CPH 7950	Public Health Practicum	2	100%
Garv	NΘ			
Garv		Problems in Biostatistics and Epidemiolo	nav	
	DOE 0001	Trobleme in Blockationed and Epidermole	27	100%
Lee				
	BSE 6643	Survival Data Analysis	12	100%
	BSE 5111	Scientific Integrity in Research	19	1 lecture
	HPS 5853	Health and the American Indian	9	1 lecture
Mus	htaq			
	BSE 5363	Epidemiology and Prevention of Chronic	_	
	DOE 5440	Dringinles of Enidemiology	/	100%
	BSE 5113	Principles of Epidemiology	8	1 lecture
Pecl	•			
i eci		Advanced Epidemiologic Methods	6	100%
		Research for Doctoral Dissertation	3	100%
	202 0000	Treesaren fer Bestela Bisseriation	Ū	10070
Stor	ner			
	BSE 5163	Biostatistics Methods I	59	90%
	INDT 8303	<b>Enrichment: Foundations of Biostatistics</b>	s and	
		1 57	168	75%
		Foundations of Clinical Research	8	50%
		Directed Readings	1	25%
	BSE 5111	Scientific Integrity in Research	19	1 lecture
Terr	oll.			
ı em		Scientific Integrity in Research	19	100%
		Problems in Biostatistics and Epidemiological		10070
	DOE 0001	Trobleme in Blockationed and Epidermole	27	1 guest lecture
				. gadat tadia.a
Tho	mpson			
	BSE 5023	Computer Applications in Public Health	10	100%
	BSE 5001	Problems in Biostatistics and Epidemiolo	ogy	
				7%
	BSE 5111	Scientific Integrity in Research		5%

## Vesely

CTS 5143	Foundations of Clinical Research	8	1 guest lecture
BSE 5001	Problems in Biostatistics and Epidemiolog	lУ	
	2	27	1 guest lecture

#### Wendelboe

BSE 5001	Problems in Biostatistics and Epider	niology	
		27	1 lecture
CPH 7950	Public Health Practicum	1	100%
BSE 5113	Principles of Epidemiology	38	1 lecture
BSE 6960	Directed Readings	1	100%
BSE 5113	Principles of Epidemiology (online)	14	5%

## **Zhang**

Biostatistics Methods I	59	1 lecture
Problems in Biostatistics and E	pidemiology	
	27	1 lecture
	Biostatistics Methods I Problems in Biostatistics and E	Problems in Biostatistics and Epidemiology

#### Zhao

#### B. New Courses Developed and Taught:

Several courses were updated and revised. In addition, a second semester, linear models course was developed by Dr. Anderson and taught as a directed reading course.

#### Instructor, course, semester

#### Anderson

New course offering -Fall BSE 6960 Linear Models II

1 100%

#### **Beebe**

CPH 7633, Tobacco Control Strategies, was revised and approved as a multilevel course (BSE 5633/CPH 7633). This allows MS and PhD students in the department to take the course for an elective credit.

#### Campbell

GIS in Health changed from 2 hours course to 3 hours course; submitted and approved for a regular ongoing course (BSE 5823)

#### Ding

BSE 5743 Principles of Mathematical Statistics Part II, Spring 2014 - Developed course notes, homework assignments, exams and solutions.

#### **Eichner**

Revisions for parts of Principles of Epidemiology, including corrections to slides and some assignments, introduction to surveys, simple survey analysis of individual questions and introduction to JMP

#### Garwe

- 1. Basic Science Course (Statistics and Epidemiology) for Interns/Junior Residents, Department of Surgery/COM, March 2014
- The Cohort Study Design OCSTR TPIR Online Training Module for healthcare professionals, clinical investigators, and basic scientists, December 2014

#### Mushtaq

Updated course material for BSE5363 Epidemiology and Prevention of Chronic Disease. Examples from published research were integrated in lectures. Invited new speakers for the course.

#### Stoner

• INDT 8303, Spring 2014, Fall 2014

I reformatted the online component of this course to include four 15-minute video modules per topic, instead of a single 60-minute module. I also created one- to two-page summaries of each topic that the students could use as a study guide for the quizzes and as a study guide for the USMLE Step 1 exam.

CTS 5122, Summer 2014

I revised the grant writing project for this course to include peer review.

BSE 5163, Fall 2014

I recorded 15- to 30-minute videos of the lecture material for the entire course and offered the course in a hybrid format. Students valued this contribution. Comments from the end-of-course evaluations included the following:

- o appreciated the practice problems and the online modules
- Being able to review videos, practice problems with answers and weekly review sessions were extremely helpful.
- o online lectures were great as were practice material.

- I found the on-line lectures to be a very helpful supplement to the course. When unforeseen circumstances arose (work project, sick child, no babysitter) I was still able to keep up with class lectures.
- I attended every class, but watched the videos to review something I did not fully understand. I found these videos very helpful, and I would recommend all BSE courses have these available to review or for students who are unable to attend a class.
- Continue with video portion of lectures.
- I really appreciated that the lectures were pre-recorded. I used them often to review materials before and after the actual lecture.
- I really like the fact that I can go back and look at the modules, because I often do not fully understand the material during lecture.

#### Terrell

- I revised the content on Ethics for BSE 5001 'Problems in Biostatistics and Epidemiology'. This year I included Academic Misconduct as a topic and added scenarios on cheating. I also talked about the ethics related to compulsory vaccinations and Ebola involuntary quarantines. There was a lot of debate back and forth.
- I revised the content on Ethics and Informed Consent for BSE 5153 to include clicker response questions to increase class participation.
- I was also personally responsible for developing 3 voice-over powerpoints for the OSCTR TPIR program.

#### **Zhang**

- Develop two online modules for the Translating Practice into Research (TPIR) in the Oklahoma Shared Clinical and Translational Resources (OSCTR): <u>Hypothesis Testing</u> (completed), and <u>Common Statistical Mistakes/graphing Data</u> (still working on).
- 2) BSE 5663: Analysis of Frequency Data Spring 2014 I have developed PowerPoint slides for all lecture sessions, and developed key for all homework and in-class exercises so that students have extra help in comprehending and applying course materials.

I have used objective teaching and assessment by writing clear and specific expectations in terms of students. Assessment was aligned to these measurable objectives.

#### C. Seminars/Short Course Presented:

Instructor, title, audience/venue, date Listing of seminars

#### Anderson

- 1. **The Use of a Statistician in Research.** Pediatric Fellows' Seminar, Children's Hospital OUHSC (10 fellows; 3 hours February 7, 14, and 21).
- How and When to Talk to a Biostatistician, Fellows Common Core Curriculum, Department of Pediatrics, OUHSC (7 fellows November 7 and 14).
- 3. Intermediate R. Biostatistics and Epidemiology Student Association, College of Public Health, OUHSC (20 students and faculty, 1 hour Jan 12)
- 4. **Pediatric Sedation Scoring.** The Society for Pediatric Sedation steering committee and board, Charleston SC (30 members, 2 hours May 20 and 21).
- 5. **Statistics Made Easy**. MedStudy Pediatrics Intensive Board Review Conference, Dallas TX (200 participants, 1 hour Aug 16).

#### Campbell

- Data Into Action 04/24/2015 34 student in conjunction with American Association of Indian Physicians, Santa Fe New Mexico
- Data Into Action 07/23/2015 17 student in conjunction with American Association of Indian Physicians Albuquerque, New Mexico
- Data Into Action 09/22/2015 32 student in conjunction with American Association of Indian Physicians Albuquerque, New Mexico

#### Carabin

"Transmission dynamics of smoking behavior". Yale University. New Haven, CT. Ad-hoc seminar. 17 April 2014.

"The impact of sampling methods on estimates of disease frequency estimation: an example with epilepsy in Uganda" and "Is smoking behavior transmittable: using a SIR model to understand smoking dynamics in the US". Fogarty International Center Lunch Seminar. Bethesda, MD. 24 June 2014.

"Neurocysticercosis – the story of a neurological disease caused by a worm transmitted between humans and pigs". Presented as part of the Oklahoma Center for Neuroscience Neuro Night Series. Audience: mostly retired people and public interested in neurological outcomes. The Fountains at Canterbury, Oklahoma City, 18 November 2014.

"Neglected parasitic zoonoses epidemiological research: Challenges and suggested methods using an example from the Philippines". 50th Anniversary

Guest Speaker. Department of Epidemiology and Biostatistics, McGill University, Montréal, Canada. 1 Dec 2014.

#### Eichner

- 1. Data and a Little Statistics, Regional Prevention Coordinators for ODMHSAS, Wichita Mountains Prevention Network, Lawton, OK, September 18, 2014
- 2. Data and a Little Statistics, Regional Prevention Coordinators for ODMHSAS, Tulsa City/County Health Department, Tulsa, OK, September 25, 2014
- 3. Data and a Little Statistics, Regional Prevention Coordinators for ODMHSAS, Neighbors Building Neighborhoods, McAlester, OK, October 1, 2014
- 4. *Data and a Little Statistics*, Regional Prevention Coordinators for ODMHSAS, Red Rock West, Clinton, OK, October 6, 2014
- 5. Data and a Little Statistics, Regional Prevention Coordinators for ODMHSAS, OU Southwest Prevention Center, Norman, OK, October 9, 2014

#### Peck

INDT 8280 Reproduction and Gender-Based Medicine: Evaluator for evidence-based medicine presentations and debates. Instructor: LaTasha Craig, MD. Served as guest evaluator for approximately 162 students in two sections.

Maternal Fetal Medicine Fellows Seminar: Epidemiologic methods – February 11, 2014

Maternal Fetal Medicine Fellows Seminar: Meta-analyses - April 1, 2014

Maternal Fetal Medicine Fellows Seminar: Critical review - April 8, 2014

#### Stoner

 Tips for Preparing an Effective Resume and CV, Department of Biostatistics and Epidemiology Research Design and Analysis Center Special Topics session, 10/20/14

This seminar was part of the Special Topics series of the BSE RDAC. I presented guidelines for writing an effect resume and CV and then asked the students to participate in a peer review session where they reviewed each other's CVs or resumes.

CPH Exam Review – Biostatistics
 Online course, OUHSC, College of Public Health

I collaborated with Dr. Vesely and Dr. Zhang to develop review material for the biostatistics portion of the CPH exam. The material includes an overview of the exam, test-taking strategies, a biostatistics methods review, and practice problems. The sessions will be delivered in person in January 2015 and will be recorded for later review by students who are preparing for the exam.

Translating Practice into Research
 Oklahoma Shared Clinical and Translational Resources

I am preparing three online modules for the Oklahoma Shared Clinical and Translational Resources' Translating Practice into Research program. Each module includes four 15- to 20-minute video recordings, a corresponding written script, and a homework assignment. The topics include systematic review and meta-analysis; principles of designing, implementing, and reporting pilot studies; and sample size justification.

 Sample Size Considerations, HPS 5543 Program Evaluation. University of Oklahoma Health Sciences Center.

This was a guest lecture in a graduate course in Health Promotion Sciences.

#### Thompson

Brain Infection. Panel member for Neuro Night, Oklahoma Center for Neurosciences, The Fountains at Canterbury, November 18, 2014

Common statistical tests and estimates. OSCTR Training Unit, November 17, 2014.

Statistical power 1: Brute force approaches. OSCTR Training Unit, November 3, 2014.

Statistical significance: Alternatives to the p value. Neurology residents' research skills sessions, November 3, 2014.

Statistics for clinical and basic science. Anesthesiology residents' conference, October 29, 2014

Statistical significance: Alternatives to the p value. OSCTR Training Unit, October 20, 2014.

Statistical thinking: Quantifying certainty and uncertainty. OSCTR Training Unit, October 6, 2014.

Power and sample size calculation for simple and complex mean and variance structures. BSE-RDAC special topics presentation. September 15, 2014

Research Design and Methods (Part 1). OSCTR Summer Research Training Program. June 19, 2014. Department of Biostatistics and Epidemiology, OUHSC

Research Design and Statistics. Oklahoma Center for Neuroscience (OCNS) Professional Skills Workshop, May 13, 2014

Statistical consultation for research planning, ethical conduct of research. Maternal and Fetal Medicine (MFM) fellows' conference, February 18, 2014.

Epidemiology, statistics, experimental design, & evidence-based medicine. Maternal and Fetal Medicine (MFM) fellows' conference, April 22, 2014

#### Vesely

- 1. Williams V, **Vesely SK**, Thompson D, Sorreco K. Clinical research design. *Faculty Leadership Program, OUHSC*, Oklahoma City, OK, January 2014. (Workshop) Invited.
- 2. **Vesely SK**. Data Management Overview. Power through Choices, Data Collectors Training September 2014.

#### Zhang

1) September 15-16, 2014 (invited speaker at the Data Integration, Analysis, and Sharing Symposium, Sheraton La Jolla Hotel, La Jolla, CA Supported by the NIH Grant U54 HL108460)

Privacy Preserving Shared Access to Computing on Sensitive Data: A Feasibility Study (**Zhang Y**, Wang S, Lee ET, Ohno-Machado LO)

The symposium aims to bring together clinicians, scientists, and funding agency representatives with an interest in integrating, analyzing, and sharing health data for research.

This talk was broadcasted nationwide.

http://idash.ucsd.edu/data-integration-analysis-and-sharing-symposium https://www.youtube.com/watch?v=nVvcnqmj-WQ

2) May 16<sup>th</sup> 2014 (Webinar invited by iDASH network: integrating Data for Analysis, Anonymization, and Sharing, Supported by the NIH Grant U54 HL108460)

Privacy-preserving shared access to computing on sensitive data: a feasibility study (**Zhang Y**, Wang S)

This Webinar was broadcasted nationwide.

http://idash.ucsd.edu/events/webinars/privacy-preserving-shared-access-computing-sensitive-data-feasibility-study

## D. Student Advising and Mentoring:

#### Anderson

	Number of Advisees as Chair	Number Graduated	Number of Advisory Committees Served as Member		
Masters	3	6(0)	18		
Doctora	I 0	1	3		
SOC	0	2	3		
COPH					
Summe	r Frank PhD Committee	e			
Paul Ro	gers PhD Committee*				
Brian B	uster MPH Committee				
John De	elara MPH Committee				
Phong I	Phong Nguyen MS Committee Chair **				
Cheuk I	Cheuk Hong Leung MS Committee Chair**				
Liz Johnson					
Tyler Dougherty MPH Committee Chair **					
Chelsea	Chelsea Smith				

#### COM

Liz Fanning MS committee\*
Jenny Howell MS committee\*
Paul Dasari SOC committee\*
Chaitanya Pant SOC committee\*
Don Hamilton SOC committee

#### COAH

Cynthia Cuidillo MS Committee (COAH)\*
Melissa Guzman MS Committee (COAH)\*
Karen Karner PhD Committee (COAH)
Shelley Fehrenbach MS Committee (COAH)
Ruby Asif MS Committee (COAH)
Andrea Knowlton (COAH)\*
Lindsay Scott (COAH)\*
Kathryn Lively (COAH)
Katherine Anundson (COAH)
Alix Benear (COAH)

<sup>\*=</sup>Graduated

<sup>\*\*=</sup>Advisor

#### **Beebe**

Number	of Advisees	Number	Number of Advisory
as (	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	0
Masters (MPH)	0	0	0
Masters (MHA)	0	0	0
Doctoral (PhD)	3	0	3
Doctoral (DrPH)	0	0	1

#### Boeckman

Number	of Advisees	Number	Number of Advisory
as (	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	0
Masters (MPH)	0	0	0
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	0
Doctoral (DrPH)	0	0	0

## Campbell

Number	Number of Advisees		Number of Advisory	
as (	Chair	Graduated	Committees Served as Member	
Masters (MS)	4	2	3	
Masters (MPH)	2	0	6	
Masters (MHA)	0	0	0	
Doctoral (PhD)	0	0	6	
Doctoral (DrPH)	1	0	3	
1 student withdrew				
1 student on leave				

#### Carabin

Number of Advisees	Number	Number of Advisory
as Chair	Graduated	Committees Served as Member
Masters (MS) 1*	0	1
Masters (MPH) 4	2	0
Masters (MHA) 0	0	0
Doctoral (PhD) 3**	0	4
Doctoral (DrPH) 1	0	0

Note: \*I am the co-Chair of a student at the Université de Montréal;

<sup>\*\*</sup>One Doctoral student did not attend any classes in 2014 (Christine Benner). She is planning to withdraw from the program. One Doctoral student has changed topic after failing the comprehensive examination (Aminata Traoré) in Summer 2014. Of the 4 students committees I sat on, one is from Texas A&M and one is from Brown University.

Number	of Advisees	Number	Number of Advisory
as	as Chair		Committees Served as Member
Masters (MS)	1	0	2
Masters (MPH)	1	1	1
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	0
Doctoral (DrPH)	0	0	0

## Eichner

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	1	0	1
Masters (MPH)	5	1	3
Masters (MHA)	0	0	0
Doctoral (PhD)	1	0	1
Doctoral (DrPH)	1	1	0

## Garwe

Number	Number of Advisees		Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	0
Masters (MPH)	3	0	0
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	3
Doctoral (DrPH)	0	0	1

## Lee

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	0
Masters (MPH)	0	0	0
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	0
Doctoral (DrPH)	0	0	0

Assisted Erin Davis to use Strong Heart Study data for her Ph.D. dissertation.

## Mushtaq

Number	of Advisees	Number	Number of Advisory
as	as Chair		Committees Served as Member
Masters (MS)	2	0	0
Masters (MPH)	0	0	0
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	0
Doctoral (DrPH)	0	0	0

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Number	of Advisees	Number	Number of Advisory
as (	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	5
Masters (MPH)	0	0	0
Masters (MHA)	0	0	0
Doctoral (PhD)	4	1	3
Doctoral (DrPH)	0	0	0

MPH Advisor Committee	MPH Committee	MS Advisor	MS
			Lindsey Denson (Epi) Daniel Jackson (CTS) Stephanie Pickett (CTS) Phong Nguyen (Biostat) Kaitlin McGrew (Epi)

PhD Advisor PhD Dissertation Committee PhD Advisory Committee

Erin Davis Shirley James

Ann Kruckeberg Norris Christine Benner?
Amanda Janitz Dana Mowls

Jessica Reese

#### Additional mentoring:

Contributions to 2014 TIGER Day project and presentation for Ob/Gyn Resident: Brooke Storer, MD. "The Effects of Male Tobacco Use on Both Total Motile Sperm Count and Pregnancy Rates in Intrauterine Insemination". Award winner for Best Overall Research and Best Research by 3<sup>rd</sup> Year Resident. (Mentor: LaTasha Craig, MD, Section of Reproductive Endocrinology and Infertility).

#### Stoner

of Advisees	Number	Number of Advisory
Chair	Graduated	Committees Served as Member
1	0	2
3	1	0
0	0	0
1	1	4
0	0	0
	<u>Chair</u> 1  3  0  1	Chair         Graduated           1         0           3         1           0         0           1         1

MS Student Advisor: Xi Sophia Chen (Biostat)

MS Student Member: Ana Casanegra (CTS)

Hanh Dung June Dao (EPI)

MPH Student Advisor: Sajin Karakattu (Biostat; leave of absence)

Alexander Harvey (EPI) Lora Ryzhkova (EPI)

PhD Student Advisor: Paul Rogers (Biostat)

PhD Student Member: Ann Norris (EPI)

Amanda Janitz (EPI) Larry Hill (Biostat) Quyen Duong (Biostat)

In addition, I serve as an Academic Advisor, directing their plan of study, for the following MS in Clinical and Translational Science students:

Count	Name	Rank and Position	Department	College
1.	Meredith Moorman, PharmD	Assistant Professor	Clinical and Administrative Sciences [Current: Duke Medical Center]	Pharmacy
2.	Emily Borders, PharmD	Assistant Professor	Clinical and Administrative Sciences	Pharmacy
3.	Ana Casanegra, MD	Assistant Professor	Internal Medicine, Cardiovascular Diseases	Medicine
4.	Annette Arthur, PharmD	Clinical Assistant Professor and Research Director	CMT Department of Emergency Medicine	Medicine- OU Tulsa
5.	Mohammad Cherry, MD	Assistant Professor	Hematology/Oncology	Medicine
6.	Camile Gunderson, MD	Fellow	OB/Gyn, Gyn/Onc	Medicine
7.	Katrina Slaughter, MD	Fellow	OB/Gyn, Gyn/Onc	Medicine
8.	Adam Walter, MD	Fellow	OB/Gyn, Gyn/Onc	Medicine
9.	Osman Khan, MD	Assistant Professor	Pediatrics, Hematology/Oncology	Medicine
10.	Samer Srour, MB ChB	Assistant Professor	Internal Medicine, Hematology/Oncology	Medicine
11.	Neha Patel, DO	Fellow	Pediatrics, Developmental and Behavioral Pediatrics	Medicine

12.	Amanda Linz, MD	Fellow	Pediatrics,	Medicine
	_		Hematology/Oncology	
13.	Stephanie Pickett,	Fellow	OB/Gyn, Female Pelvic	Medicine
	MD		Medicine & Reconstructive	
			Surgery	
14.	Benjamin Barenberg,	Fellow	OB/Gyn, Female Pelvic	Medicine
	MD		Medicine & Reconstructive	
			Surgery	
15.	Rachel Ruskin, MD	Fellow	OB/Gyn,	Medicine
			Gyn/Onc	
16.	Elizabeth	Assistant	Preventive and Family	Medicine
	Wickersham, MD	Professor	Medicine	
17.	Blake Palmer, MD	Assistant	Pediatrics, Urology	Medicine
		Professor		
18.	Amy Cruickshank,	Fellow	Pediatrics,	Medicine
	MD		Hematology/Oncology	
19.	Alexander Quaas,	Assistant	OB/Gyn	Medicine
	MD	Professor	Reproductive Endocrinology	
			and Infertility	

#### Terrell

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	1	0	0
Masters (MPH)	4	1	2
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	3
Doctoral (DrPH)	0	0	0

#### MPH Chair/Advisor

- Chelsea Major graduated December 2014
- Zachary Sanders-withdrew Spring 2015
- Confidence Ndukwe expected graduation May 2015
- Bobbie Fisher expected graduation 2016

#### MPH Committee Member

- Johnathan Smith, General Track (2014)
- Rachael Wheeler, Health Promotion Sciences (2014)

## Master of Science Major Advisor/Chair

• Lindsay Denson, Epidemiology (2016 expected)

#### PhD Committee Member

• Shirley James, University of Oklahoma Health Sciences Center, Epidemiology, (March 2014-present)

- Sydney Martinez, University of Oklahoma Health Sciences Center, Epidemiology, (August 2013-present)
- Jessica Reese, University of Oklahoma Health Sciences Center, Epidemiology, (August 2011-present)

## **Thompson**

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	2	1	5
Masters (MPH)	2	2	5
Masters (MHA)	0	0	0
Doctoral (PhD)	1	3	9
Doctoral (DrPH)	0	0	1

## Vesely

Number	of Advisees	Number	Number of Advisory
as (	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	2
Masters (MPH)	3	2	3
Masters (MHA)	0	0	0
Doctoral (PhD)	3	0	1
Doctoral (DrPH)	0	0	0

#### Wendelboe

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	1	0	1
Masters (MPH)	6	3	4
Masters (MHA)	0	0	0
Doctoral (PhD)	1	0	0
Doctoral (DrPH)	1	0	0

## **Zhang**

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	0	0	1
Masters (MPH)	2	0	5
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	1
Doctoral (DrPH)	0	0	0

#### Serve as chair:

Xingyuan Ma (MPH, Biosta) Minh Truong (MPH, Biosta)

Serve as a member of the advisory committee:

Katie Mettler (MPH, Epi), graduated 2014 Chelsea Major (MPH, Epi), graduated 2014 Delara John (MPH, Epi), graduated 2014 Holdbrook Christian Macarthur Jr. (MPH, HAP), graduated 2014 Vi T. Pham (MPH, Epi) Stephanie Pickett (MSc, CTS) Juell Homco (PhD, Epi)

#### Zhao

Number	of Advisees	Number	Number of Advisory
as	Chair	Graduated	Committees Served as Member
Masters (MS)	2	1	0
Masters (MPH)	0	0	9
Masters (MHA)	0	0	0
Doctoral (PhD)	0	0	1
Doctoral (DrPH)	0	0	0

## III. Scholarship and Research Accomplishments for 2014

#### SUMMARY OF FACULTY RESEARCH ACCOMPLISHMENTS

BSE faculty members were again successful in attracting extramural funding for their research in 2014. It is noteworthy that <u>all</u> departmental faculty are actively working on research and public health program evaluation projects in some capacity, most as principal investigators. In 2014, BSE faculty were involved in **104 grants or contracts** (85 research, 4 training, and 15 research plus training). In addition, they provided epidemiologic or biostatistical expertise to more than 50 other projects. Within the department, faculty served as PI or Co-PI on 30 grants or contracts and co-investigators or consultants on 74 others. In addition to this impressive research portfolio, departmental faculty submitted an additional **77 new applications** for research or training support during 2014.

Faculty members were also extremely productive in 2014 disseminating the results of their research. A total of **117 peer-reviewed manuscripts** were either published (n=78) or in press (n=39). Most of these manuscripts appeared in the top journals in our disciplines. An additional 63 papers were submitted to peer-reviewed journals for consideration. Faculty members also contributed to **32 technical reports or non-peer reviewed publications**. Research results were also shared at national meetings with the presentation of **65 scholarly talks or posters** and **86 published abstracts**.

#### A. Peer-reviewed publications:

(\* Denotes student author)

#### **Published**

- 1. Nesbit K, Kolobe T, Arnold S, Sisson S, and **Anderson MP** (2014) The Influence of Environmental Characteristics on Adolescent Obesity. *Journal of Physical Activity and Healthy* 11,6,1179-86.
- 2. Pant C, **Anderson MP**, Deshpande A, Barth B, Molyaee A, Waqmd P, and Sferra T (2014) Trends in Endoscopic Regrograde Cholangiopancratography in Children within the United States from 2000 to 2009. *Journal of Pediatric Gastroenterology and Nutrition 59*, *1*, *57-60*.
- 3. Lawrence S, Nandyal R, Hallford G, **Anderson MP**, Hart N (2014) Changes in Hematocrit Following a Blood Transfusion Does Not Influence the Risk for Necrotizing Enterocolitis: a Case-Control Study. *Journal of Neonatal-Perinatal Medicine* 7,1,21-7.
- 4. **Anderson MP**, Dubnicka SR (2014). A Sequential Naive Bayes Classifier for DNA Barcodes. *Statistical Applications in Genetics and Molecular Biology* 13,4,423-434.
- Craig L, Rubin L, Peck J, Anderson MP, Hansen K, Guidry L, Marshall L, Soules M (2014) Acupuncture performed before and after embryo transfer: a randomized controlled trial. *Journal of Reproductive Medicine* 59,5-6,313-20.
- Bagley J, DiGiacinto D, Lawyer J, Anderson MP (2014) Health Care Students Who Frequently Use Facebook Are Unaware of the Risks of Violating HIPAA Standards: A Pilot Study. *Journal of Diagnostic Medical* Sonography 30,3,114-120.
- 7. Pant C, Deshpande A, Olyaee M, **Anderson MP**, Bitar A, Steele M, Bass PF 3rd, and Sferra T (2014) Epidemiology of Acute Pancreatitis in Hospitalized Children in the United States Between 2000 and 2009. *Plos One* 9.5.e95552.
- Noori S, Anderson MP, Soleymani S, Seri I (2014) Effect of Carbon Dioxide on Cerebral Blood Flow Velocity in Preterm Infants during Postnatal Transition. Acta Paediatrica 103,8,e334-9.
- 9. Pant C, Sankararaman S, Deshpande A, Olyaee M, **Anderson MP**, Sferra T (2014) Gastrointestinal Bleeding in Hospitalized Children in the United States. *Current Medical Research and Opinion 30,6,1065-9.*
- 10. Ernst K, Cline W, Dannaway D, Davis E, Anderson MP, Atchley C, Thompson B (2014) Weekly and Consecutive Day Neonatal Mannequin Intubation Practice Sessions Are Comparable on a Pediatrics Clerkship. Academic Medicine 89,3,505-10.
- 11. Lammers E, Johnson P, Ernst K, Hagemann T, Lawrence S, Williams P, Anderson MP, Miller J (2014) Association of continuous infusion fentanyl with neurodevelopmental outcomes in very low birth weight infants. *The Annals of Pharmacotherapy 48,3,335-342.*

- 12. Noori S, McCoy M, Anderson MP, Ramji F, Istvan S (2014) Changes in Cardiac Function and Cerebral Blood Flow in Intra/Periventricular Hemorrhage in Extremely Preterm Infants. Pediatrics 164,2,264-270
- 13. **Mushtaq N**, **Beebe LA**, **Vesely SK**, Neas B. A multiple motive approach to measure dependence among smokeless tobacco users. *Addictive Behaviors* 2014 Mar; 39(3):622-9.
- 14. AJ de Armendi, SR Gillaspy, M Martinez, JA Cure, AL Butt, **LM Boeckman** "Effect of Informational Spanish Anesthesia Video on the Level of Anxiety and Uncertainty with Native Spanish Speaking Parents. A Pilot Study." *Journal of Oklahoma State Medical Association* 2014 Jun; 107(6): 331-334.
- 15. **Campbell JE,** Martinez S\*, Janitz AE\*, Pate AB, Erb-Álvarez J, Wharton DF, Gahn D, Snider C, Anderson T, Peercy M. Cancer Incidence and Staging among American Indians in Oklahoma. *Journal Oklahoma State Medical Association*. March 2014 107(3), 99-107.
- 16. Tall Chief V, Burton TP, **Campbell J,** Boatright DT, **Wendelboe A**. The Southwest Preparedness and Emergency Response Learning Center and the Oklahoma Inter Tribal Emergency Management Coalition: A Unique Partnership. *Journal of Public Health Management & Practice*, 2014. 20 Suppl 5: p. S107-10. PMID: 25072481
- 17. **Campbell JE**, **Thompson D**, Pate A. Effect of the Breast and Cervical Cancer Treatment Act on access to screening and treatment in Oklahoma. *Journal Oklahoma State Medical Association* January 2014 107(1), 11-19.
- 18. Tarnagda Z, Kanyala E, Zinguié D, Meda N, Ilboudo A, Moumouni N, Kagoné T, Sidibé S, Yelbeogo D, Ndakani Y, Sangaré L, **Carabin H**. Prevalence of Tuberculosis spp. species in bovine carcasses in two slaughterhouses of Burkina Faso. International Journal of Microbiology and Immunological Research 2014; 2: 92-100.
- 19. **Carabin H**, McGarvey ST, \*Sahlu I, Tarafder MR, Joseph L, Andrade BD, Balolong E, Olveda R. "*Schistosoma japonicum* in the Samar Province of the Philippines: infection in dogs and rats as a risk factor for the 12-month risk of infection in humans". *Epidemiology and Infection* 2014 (ahead of print). DOI: <a href="http://dx.doi.org/10.1017/S0950268814002581">http://dx.doi.org/10.1017/S0950268814002581</a>
- 20. Carabin H, \*Traoré AA. "Taenia solium taeniasis and cysticercosis control and elimination through community-based interventions". Current Tropical Medicine Reports 2014;1: 181-193. DOI: 10.1007/s40475-014-0029-4
- 21. Soares Magalhaes RJ, Salamat MS, Leonardo L, Gray D, Carabin H, Halton K, McManus D, Williams G, Rivera P, Saniel O, Hernandez L, Yakob L, McGarvey S, Clements A. "Spatial prediction of human *Schistosoma japonicum* infection in the Philippines: tools to support disease elimination". *International Journal for Parasitology* 2014; 44: 977-84. DOI: 10.1016/j.ijpara.2014.06.010
- 22. **Carabin H,** Balsera-Rodriguez FJ, Rebollar-Saenz J, \*Benner CT, Benito A, Fernandez-Crespo JC, Carmena D. Cystic echinococcosis in the province of Alava, North Spain: current situation and socioeconomic impact. *PLoS Neglected Tropical Diseases* 2014; 8: e3069. PMCID: PMC4125306.
- 23. Hotez PJ, Alvarado M, Basanez MG, Bollinger I, , Bourne R, Boussinesq M,

- Brooker SJ, Brown AS, Buckle G, Budke CM, **Carabin H**, Coffeng LE, Fèvre EM, Fürst T, Halasa YA, Jasrasaria R, Johns NE, Keiser J, King CH, Lozano R, Murdoch ME, O'Hanlon S, Pion SD, Pullan RL, Ramaiah KD, Roberts T, Shepard DS, Smith JL, Stolk WA, Undurraga EA, Utzinger J, Wang M, Murray CJ, Naghavi M. The global burden of disease study 2010: interpretation and implications for the Neglected tropical Diseases. *PLoS Neglected Tropical Diseases* 2014; 8: e2865. PMCID: PMC4109880.
- 24. Adler E, **Ding K**, Siatkowski RM (2014). "Factors related to strabismus decompensation after a period of prolonged postoperative stability". *Journal of American Association for Pediatric Ophthalmology and Strabismus*. 18: 50-55.
- 25. Jetton JA, **Ding K**, Kim Y, Stone DU (2014). "Effects of tobacco smoking on corneal healing". *Cornea: The Journal of Cornea and External Diseases*. 33: 453-456.
- 26. Slaughter KN, Thai TC, Penaroza S, Benbrook DM, Thavathiro E, **Ding K**, Nelson T, McMeekin DS, Moore KN (2014). "Measurements of adiposity as predictive biomarkers for response to first-line bevacizumab-based chemotherapy in epithelial ovarian cancer". *Gynecologic Oncology.* 133: 11-15.
- 27. Gunderson CC, Thomas ED, Slaughter KN, Farrell R, **Ding K**, Farris RE, Lauer JK, Perry LJ, McMeekin DS, Moore KN (2014). "The survival detriment of venous thromboembolism with epithelial ovarian cancer". *Gynecologic Oncology*. 134: 73-77.
- 28. Chen H, Fan Y-C, He Q-H, Wu X-Y, Wei M, **Eichner JE**, Farris BK, Hildebrand PL, Lei C-T, Wu S-H, Yang J-Y: Changed trends of major causes of visual impairment in Sichuan, China from 1987 to 2006. *Int J Ophthalmol* 2014: v.7, no.1, 2014
- 29. Zhao J, Zhu Y, Uppal K, Tran VT, Kin J, Matsuguchi T, Blackburn E, Jones D. Lee ET, and Howard BV. Metabolic profiles of biological aging in American Indians: The strong heart family study. *Aging* 2014, 6(3):1-11.
- 30. Hoffhines H, Whaley KD, Blackett PR, Palumbo K, Campbell-Sternloff, Gore S, **Lee ET**. Early childhood nutrition in an American Indian community: Educational strategy for obesity prevention. *J Okla. State Med. Assoc.*, Feb. 2014: 55-59.
- 31. Yeh F, Dixon AE, Best LG, Marion SM, **Lee ET**, Ali T, Yeh J, Rhoades ER, Howard BV and Devereux RB. Lung function and heart disease in American Indian adults with high frequency of metabolic abnormalities (from the Strong heart Study). *The Am J Cardiology*. Published online first <a href="http://dx.doi.org/10.1016/j.amjcard.2014.04.042">http://dx.doi.org/10.1016/j.amjcard.2014.04.042</a>.
- 32. Zhao J, Zhu Y, Loin J, Matsuguchi T, Blackburn E, **Zhang Y**, Cole SA, Best, LG, **Lee ET**, Howard BV. Short leukocyte telomere length predicts risk of diabetes in American Indians: the Strong Heart Study. *Diabetes*. 2014, 63: 354-362, with accompanying discussion by Cathy E. Elks and Robert A. Scott.
- 33. Zhu, Y, Yang J, Li S, Cole SA, Haack K, Umans JG, Franceschini N, Howard BV, Lee ET, and Zhao J. Genetic variants in nicotinic a cetylcholine receptor

- genes jointly contribute to kidney function in American Indians: the Strong Heart Family Study. *J Hypertension*, 2014, 32(1):1-8.
- 34. Ferrara LA, Capaldo B, Mancust C, **Lee ET**, Howard BV, Devereux RB, de Simone G. Cardiometabolic risk in overweight subjects with or without relative fat-free mass deficiency: The Strong heart Study. *Nutrition, Metabolism & Cardiovascular Diseases 2013.*<a href="http://dx.doi.org/10.1016/j.numecd.2013.08.009">http://dx.doi.org/10.1016/j.numecd.2013.08.009</a>. This publication was inadvertently left out in the 2013 Faculty Annual Report. It is included here for the record.
- 35. Chen S, Lin J, Matsuguchi T, Blackburn E, Yeh F, Best LG, Devereux RB, Lee ET, Howard BV, Roman MJ and Zhao J. Short leukocyte length predicts incidence and progression of carotid atherosclerosis in American Indians: The Strong Heart Family Study. *Aging*, 2014, 6 (5): 414-427.
- 36. Franceschini N, Tao R, Liu L, Rutherford S, Haack K, Almasy, Goring HHH, Laston S, **Lee ET**, Best LG, Fabsitz R, Cole SA and North KE. Mapping of a blood pressure QTL on chromosome 17 in American Indians of the strong heart family study. *BMC Cardiovascular Disorders*, 2014, 14:158. <a href="http://www.biomedcentral.com/1471-2261/14/158">http://www.biomedcentral.com/1471-2261/14/158</a>.
- 37. Ferrara LA, Wang H, Umans JG, Franceschini, Jolly S, **Lee ET**, Yeh J, Devereux RB, Howard BV, de Simone G. Serum uric does not predict incident metabolic syndrome in a population with high prevalence of obesity. *Nutrition, Metabolic &Cardiovascular Diseases*, 2014, 24: 1360-1364.
- 38. Zhao J, Roman MJ, Devereux RB, Yeh F, **Zhang Y**, Haack K, Best LG, Cole SA, **Lee ET**, Howard BV. Leukotriene haplotype x diet interaction on carotid artery hypertrophy and atherosclerosis in American Indians: The Strong Heart Family Study. *Atherosclerosis*, 233:165-171.
- 39. Chen S, Yeh F, Lin J, Matsuguchi T, Blackburn E, **Lee ET**, Howard BV, and Zhao J. Short leukocyte telomere length is associated with obesity in American Indians: The Strong Heart Family Study. *Aging*, 2014, 6(5): 380-389.
- **40.** Zhao J, Zhu Y, Hyun N, Zeng D, Uppal K, Tran VT, Yu T, Jones D, He J, **Lee ET** and Howard BV. Novel metabolic markers for the risk of diabetes development in American Indians. *Diabetes Care*, published ahead of print, published online December 2, 2014. Doi: 10.2337/dc14-2033.
- 41. **Mushtaq N, Boeckman LM**, **Beebe LA**, "Predictors of smokeless tobacco cessation among telephone quitline participants" *American Journal of Preventive Medicine* doi: 10.1016/j.amepre.2014.09.028.
- 42.\*James SA, Rhoades RR, **Mushtaq N**, Paulson S, **Beebe LA**, "Longitudinal evaluation of the tobacco stops with me campaign" *American Journal of Preventive Medicine* doi: 10.1016/j.amepre.2014.09.012.
- 43. Rostaminia G, **Peck JD**, Quiroz LH, Shobeiri SA. How well can levator ani muscle morphology on 3D pelvic floor ultrasound predict the levator ani muscle function? *International Urogynecology Journal* 2014; Sept 23 [Epub ahead of print]. PMID 25315168.
- 44. Davis EM\*, **Peck JD**, Peck BM, Kaplan HB. Associations between early alcohol and tobacco use and prolonged time to puberty in males. *Child: Care,*

- *Health and Development*. 2014. Advanced online publication. doi:10.1111/cch.12160.
- **45.** Craig LC, Hullender Rubin LE, **Peck JD**, **Anderson M**, Hansen KR, Guidry L. 2011. Acupuncture performed before and after embryo transfer: a randomized clinical trial. *Journal of Reproductive Medicine* 2014;59:313-320.
- 46. Rodeberg DA1, Wharam MD, Lyden ER, **Stoner JA**, Brown K, Wolden SL, Paidas CN, Donaldson SS, Hawkins DS, Spunt SL, Arndt CA. Delayed Primary Excision with Subsequent Modification of Radiotherapy Dose for Intermediate Risk Rhabdomyosarcoma (RMS): A Report from the Children's Oncology Group (COG) Soft Tissue Sarcoma Committee. *Int J Cancer*. 2014 Nov 21. doi: 10.1002/ijc.29351. [Epub ahead of print]
- 47. Tolma, E.L., **Stoner, J**., Li, J., Kim, Y.,& Engelman, K. Predictors of regular mammography use among American Indian women in Oklahoma: a cross-sectional study. 2014 *BMC Women's Health*. 2014 Aug 28;14(1):101. [Epub ahead of print]
- 48. Basu A, Jenkins AJ, Stoner JA, Thorpe SR, Klein RL, Lopes-Virella MF, Garvey WT, Lyons TJ; DCCT/EDIC Research Group Plasma total homocysteine and carotid intima-media thickness in type 1 diabetes: A prospective study. *Atherosclerosis*. 2014 Sep;236(1):188-95. doi: 10.1016/j.atherosclerosis.2014.07.001. Epub 2014 Jul 15. PMID: 25063949
- 49. Collins B, **Stoner JA**, Digoy GP. Benefits of ultrasound vs. computed tomography in the diagnosis of pediatric lateral neck abscesses. *Int J Pediatr Otorhinolaryngol*. 2014 Mar;78(3):423-6. doi: 10.1016/j.ijporl.2013.11.034. Epub 2013 Dec 7. PubMed PMID: 24485972.
- 50. Mauer K, Gardner AW, Dasari TW, Stoner JA, Blevins SM, Montgomery PS, Saucedo JF, Exaire JE. Clot Strength is Negatively Associated With Ambulatory Function in Patients With Peripheral Artery Disease and Intermittent Claudication. *Angiology*. 2014 Apr 27. [Epub ahead of print] PubMed PMID: 24778425.
- 51. Jenkins AJ, Fu D, Azar M, Stoner JA, Kaufman DG, Zhang S, Klein RL, Lopes-Virella MF, Ma JX, Lyons TJ; VADT investigators. Clinical correlates of serum pigment epithelium-derived factor in type 2 diabetes patients. *J Diabetes Complications*. 2014 May-Jun;28(3):353-9. doi: 10.1016/j.jdiacomp.2014.01.008. Epub 2014 Jan 17. PubMed PMID: 24560422; PubMed Central PMCID: PMC4009500.
- 52. Prodan CI, **Stoner JA**, Gordon DL, Dale GL. Cerebral microbleeds in nonlacunar brain infarction are associated with lower coated-platelet levels. *J Stroke Cerebrovasc* Dis. 2014 May-Jun;23(5):e325-30. doi: 10.1016/j.jstrokecerebrovasdis.2013.12.016. Epub 2014 Feb 20. PubMed PMID: 24560248.
- 53.\*McClain RS, **Terrell DR**, **Vesely SK**, George JN. Plasma exchange complications in patients treated for thrombotic thrombocytopenia purpurahemolytic uremic syndrome: 2011 to 2014. *Transfusion* 2014;54:3257-3259.
- 54.\*Lu KH, **George JN**, **Vesely SK**, **Terrell DR**. Management of primary immune thrombocytopenia, 2012: A survey of Oklahoma hematologists-oncologists.

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- 54. Best L, Garcia-Esquinas E, Yeh JL, Yeh F, **Zhang Y**, **Lee ET**, Howard BV, Farley JH, Welty T, Rhoades D, Rhoades E, Devereux RB, Umans J, Navas-Acien A. Association of diabetes and cancer mortality in American Indians: The Strong Heart Study
- 55. Zhang M, An Q, Yeh F, **Zhang Y**, Howard BV, **Lee ET**, Zhao J. Smoking-Attributable Mortality in American Indians: The Strong Heart Study. Submitted to *European Journal of Epidemiology*
- 56. Avery CL, Holliday KM, Chakladar S, Engeda JC, Hardy ST, Moncrieft AE, Ostfeld RJ, Reis JP, Schreiner PJ, Shay CM, Stamler J, Talavera GA, Yeh F, Youngblood M, **Zhang Y**, Daviglus ML, Heiss G, Lin DY, Zeng D. Early loss of normal body weight in multi-ethnic and contemporary US populations.
- 57. Pickett S, Maldonado PA, Meriwether KV, Kunkle CM, Wyman AM, Griffin MA, Richter LA, Raman S, Price JR, Joyce JS, Mueller MG, **Zhang Y**, O'Leary D, Lowenstein L. Risk factors for lower urinary tract injury at the time of prolapse and incontinence repair surgeries: a multi-centered study. Submitted to *American Journal of Obstetrics and Gynecology*
- 58. Long AT, Masamha P, **Zhao YD**, Benbrook DM (2014). Differential roles of autophagy in ovarian cancer and healthy cells in response to SHetA2 Drug. Autophagy.
- 59. Munroe ME, Robertson JM, Fife DA, **Zhao YD**, Lu R, Guthridge JM, Niewold TB, Tsokos GC, Keith MP, Harley JB, James JA (2014). Multiple Autoantibodies Develop Prior to Increases in Interferon Activity Which Precede Systemic Lupus Erythematosus Disease Classification. NEJM.
- 60. Bohora S\*, **Zhao YD**, Balachova T (2014). Generalization of the Semiparametric AUC Regression Model with Discrete Covariates. Journal of Nonparametric Statistics.
- 61. Panneerselvam J, Jin J, Shanker M, Lauderdale J, Bates J, Wang Q, **Zhao,YD** (2014) Archibald, S.J., Hubin, T.J., Ramesh, R. Interleukin-24

- inhibits lung cancer cell migration and invasion by disrupting the SDF-1/CXCR4 signaling axis. Molecular Cancer.
- 62. Panneerselvam J, Shanker M, Jin J, Branch CD, **Zhao YD**, Chada S, Munshi A, Ramesh R (2014) Phosphorylation of interleukin (IL)-24 is required for its anticancer activity. Cancer Res.
- 63. Hiebert J, Maurer AJ, Safavi-Abbasi S, Pratt NL, Lim J, Sanclement JA, **Zhao YD**, Sughrue ME (2014) A Simplified Uninostril Endonasal Endoscopic Technique for Removal of Sellar Tumors.

# B. Non-Peer-reviewed Publications:

# **Published**

Chou AF, **Wendelboe AM**, \*Duong NC, Nguyen DP. The Oklahoma Health Information Exchange Trust. Phase III and IV Evaluation: Cost and Health Outcomes. April 9, 2014. Report submitted to the Community Service Council.

\*Grafe C, **Wendelboe A**. Using Arrays for Epidemic Modeling in SAS. Paper 1624-2014. <a href="http://support.sas.com/resources/papers/proceedings14/1624-2014.pdf">http://support.sas.com/resources/papers/proceedings14/1624-2014.pdf</a>

# In press or accepted for publication

**Anderson MP**, Leung C, Dubnicka SR, Drevets DA, RAjshekhar V, Oommen A, Vasudevan P, Babu J, Govindan R, and **Carabin H** (in press) A Semi-parametric Bayesian Framework for Identifying up and down Regulated Genes in Subjects with Neurocysticercosis (NCC) Associated Epilepsy. *In JSM Proceedings.* Section on Bayesian Modeling in the Life Sciences and Medicine I. Alexandria, VA: American Statistical Association 3867-3872.

### **Other: Technical Reports**

**Beebe LA**, **Boeckman L**. Evaluation of the Oklahoma Tobacco Helpline, July 1, 2013– June 30, 2014.

**Beebe LA**, **Boeckman L**. HealthChoice: Utilization of the Oklahoma Tobacco Helpline, July 1, 2013– June 30, 2014.

Martinez S, White A, **Beebe LA**. Preparing for the 7th Generation: The Journey Continues, 2014 Conference Evaluation Results.

Blanchard J, Foster W, **Beebe LA**. Evaluation of the Oklahoma Executive Order 2012-01: A Process Implementation Follow-Up Survey. June 30, 2014

Blanchard J, Davis A, **Beebe LA**. Oklahoma Tobacco Helpline Interview Study Report: Fax Referred Participants. July 16, 2014

Sorick N, **Beebe LA**. 2014 Summer Research Training Program Evaluation Report. October 6, 2014

J Li, **L Boeckman**. (2014) "Children First Program Evaluation July 1, 2010 – June 30, 2014"

**Campbell** Oklahoma City Area Inter-Tribal Health Board Tribal Epidemiology Center Reports

- Oklahoma City Area Inter-Tribal Health Board Tribal Epidemiology Center (OCAITHB TEC) Office of Minority Health (OMH) Health Disparities, January 2014
- 2. College of Public Health American Indian Enrollment
  - a. June 2014
  - b. January 2014
- 3. Oklahoma City Area Inter-tribal Health Board Tribal Epidemiology Center Partnership Reports
  - a. June 2014
  - b. January 2015

# **Campbell** Indian Health Care Resource Center Reports

1. CDC Traditional Foods Project Final Evaluation Findings 2014

**Campbell** Oklahoma Geriatric Education Center Conference Evaluation Reports

- 1. On the Road SW Oklahoma, Langston, Oklahoma November 2014
- 2. On the Road NE Oklahoma, Ada, Oklahoma April 2014
- Oklahoma's 24nd Annual Summer Geriatric Institute, Norman, Oklahoma July 2014
- 4. OKGEC Program Overall Training Evaluation 2014

**Campbell** Southwest Preparedness and Emergency Response Learning Center (SWPERLC) Reports

 2013 Inter-Tribal Emergency Management Summit, June 2014 Shawnee OK

## **Campbell** Cherokee Nation

 Oklahoma Helpline Cherokee Nation Al/AN Users 2005-2014, Ongoing, updated quarterly

**Eichner** Oklahoma Block Grant – Substance Abuse Prevention: Evaluation Report 2010-2014

**Eichner** Quarterly reports (4 per year) and other short documents/technical reports, survey creation and analysis for the 17 regions

**Mushtaq** Evaluation report: Evaluating OSDH program to enhance Oklahoma Tobacco Helpline utilization (OTH) and fax referrals in persons of low socioeconomic status (SES) and those with mental health and substance abuse disorders (MHSAD)

**Stoner, JA**, Kota, P, Stavrakis, S. Data and Safety Monitoring Report for the Intermittent vs. Continuous Anticoagulation theRapy in patiEnts with Atrial Fibrillation (iCARE-AF) study (Stavros Stavrakis, MD, MS, PI). Sponsor: American Heart Association, April 2014

**Stoner, JA**, Kota, P, Stavrakis, S. Data and Safety Monitoring Report for the Intermittent vs. Continuous Anticoagulation theRapy in patiEnts with Atrial Fibrillation (iCARE-AF) study (Stavros Stavrakis, MD, MS, PI). Sponsor: American Heart Association, December 2014

Dao, HD\*, Kota, P, **Stoner, JA**. Summary of the Oklahoma State Department of Health 2014 Climate Survey. Oklahoma State Department of Health

Ebola Tabletop Exercise for Oklahoma State Health Department and the regional and county health departments.

## C. Abstracts Published

- Bax A, Anderson MP (2014) Is Pediatric Residents' Parenting Advice Associated with the Parenting They Received? Accepted for an oral presentation at the 2014 annual meeting of the Society for Developmental and Behavioral Pediatrics (SDBP) and at the 8<sup>th</sup> Annual Pediatric Research Day.
- 2. Corff K, Bedwell S, **Anderson MP**, Sekar K (2014) Does Liberal Sibling Visitation Increase the Rate of Nosocomial Infections in the NICU? Accepted for an oral presentation at the 2014 Southern Society of Pediatric Research meetings in New Orleans, LA and as a poster at presentation the Pediatric Academic Societies Conference 2014, Vancouver, Canada.
- 3. Crittenden-Byers C, Sparkman A, **Anderson MP**, Bogie A (2014) Should Urine Cultures in Children 2-5 Years of Age Be Obtained By Catheterization or Clean-Catch in the Emergency Department? Selected for a poster presentation at Pediatric Academic Societies Conference 2014, Vancouver Canada.
- Lee J, Garfield S, Wierenga A, Johnason B, Bodamier O, Frank S, Anderson MP, and Wierenga (2014) Computer-Assisted Diagnosis of Amino Acid Disorders. Submitted to the American College of Medical Genetics annual meeting 2014 Nashville, TN.
- 5. Lora K, Branscum P, **Anderson MP** (2014) Participation in Government Nutrition Assistance Programs an Purchase of Sugar-Sweetened Beverages of Low-income Mothers of Preschool Children. Submitted to the International Society for Behavioral Nutrition and Physical Activity Annual Meeting, San

- Diego, CA, 2014 and to Experimental Biology Annual Meeting 2014 San Diego, CA.
- Lora K, Scott L, Branscum P, Anderson MP, Knehans A (2014) Nutrition Food Label Use, Household Availability of Beverages and Participation in the Supplemental Nutrition Assistance Program. Submitted to the International Society for Behavioral Nutrition and Physical Activity Annual Meeting, San Diego, CA, 2014.
- 7. Guzman M, Lora K, **Anderson MP**, Mayeux L (2014) Maternal Feeding Styles and Preschool Children Influence of Sugar-Sweetened Beverages and Fruit Juice Purchases. Won a travel award and was elected for a platform presentation Experimental Biology Annual Meeting 2014 San Diego, CA and presented as an oral presentation at the 33<sup>rd</sup> Annual Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, OK and as a poster at the 2014 College of Allied Health Research Day, Oklahoma City, OK.
- 8. Pant C, **Anderson MP**, Deshpande A, Barth B, Molyaee A, Waqmd P and Sferra T (2014) Endoscopic Retrograde Cholangiopancreatography in Children: Trends within the United States from 2000 to 2009. Submitted to Digestive Disease Week 2014 Chicago, IL.
- 9. Vasan N, **Anderson MP** (2014) Polysomnography Outcomes After Transoral Robotic Lingual Tonsillectomy for Obstructive Sleep Apnea. Submitted to the American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting and OTO EXPO 2014 Orlando, Florida.
- 10. Anderson MP, Leung C, Dubnicka S, Drevets D, Rahshekhar V, Oommen A, Vasudevan P, Justing Babu J, Govindan R, Carabin H (2014) A semi-parametric Bayesian framework for identifying up and down regulated genes in subjects with neurocysticercosis (NCC) associated epilepsy. Presented as on oral presentation at the Joint Statistical Meetings in Boston, MA.
- 11. Marin M, Tryggestad J, Aston C, Teague A, **Anderson MP**, Short K (2014) Oxidized High-density Lipoprotein in Children. *Presented as a poster at the 8<sup>th</sup> annual Pediatrics Research Day, Oklahoma City, OK.*
- 12. Howell J, **Anderson MP**, Lai K, Chaloner J, and Wierenga K (2014) Reference Growth Curves for Children with Classic Galactosemia. Competitively selected for a platform presentation and won an award for contributed research at the 8<sup>th</sup> Annual Pediatrics Research Day, Oklahoma City, OK and as an oral presentation at 33<sup>rd</sup> Annual Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, OK.
- 13. Makoni M, Eckert J, **Anderson MP**, Lawrence S (2014) Neonatal Neutrophil Composition and Function by Gestational Age. *Presented as a poster at the 8<sup>th</sup> Annual Pediatrics Research Day, Oklahoma City, OK*
- 14. Nye S, Johnson P, Anderson MP, and Cunnyngham C (2014) Use of Betaine Anhydrous in the Treatment of Hypochloremic Metabolic Alkalosis-A Novel Approach. Presented as a poster at the 8<sup>th</sup> Annual Pediatrics Research Day, Oklahoma City, OK.
- 15. Asif R, Lora K, **Anderson MP**, Knehans A, and Sisson S 92014) A Proposal: The Association Between Frequency of Family Meals, TV Viewing, and Juice

- Drink Intake in Preschool Children. Selected as an oral presentation at 33<sup>rd</sup> Annual Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, OK.
- 16. Fanning E, Anderson MP, Jett E, and Hassed S (2014) Effect of Numeracy on Personal Breast Cancer Risk Perception Accuracy and Surveillance. Selected as an oral presentation at 33<sup>rd</sup> Annual Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, OK.
- 17. Knowlton A, Sisson S, **Anderson MP**, Lora K, Knehans A (2014) Home Media Environment, Child Health & Food Consumption Among Preschool Age Children. *Presented as a poster at the 2014 College of Allied Health Research Day, Oklahoma City, OK.*
- 18. Vasudevan P, Govindan R, Justin Babu J, Anderson MP, Drevets D, Carabin H, Hanas J, Rajshekhar V, and Ooman A (2014) Inflammatory Genes Associated with Seizures of Neurocysticercosis. Selected for an oral presentation at the 63<sup>rd</sup> Annual Meeting of the American Society of Tropical Medicine and Hygiene New Orleans, LA.
- 19. Song C, Whisenhunt T, **Anderson MP** and Hallford G (2014) The Virtual NICU: Using Social Media Tools to Reuce Stress and Increase Satisfaction in Parents of Very Low Birth Weight Infants. Selected as a poster presentation at Medicine 2.0 Maui, HI.
- 20. Hanas J, Hocker J, Govindan V, Oommen A, Justin Babu J, Anderson MP, Drevets D, Vasudevan P, Vedantam R, and Carabin H (2014) Comparison of the Serum Mass Profiling of Patients with Neurochsticercosis Epilepsy, Idiopathic Epilepsy and no Neurological Disease. Selected as an oral presentation at the 63<sup>rd</sup> Annual Meeting of the American Society of Tropical Medicine and Hygiene New Orleans, LA.
- 21. Laux FL, Chaloupka FJ, **Beebe LA**. Excise tax and pricing differentials at tribal smoke shops in Oklahoma: Opportunities for harmonization. Society for Research in Nicotine and Tobacco Annual Meeting, Seattle, WA, February 2014.
- 22. Choi, WS, Beebe LA, Johnson M, Hopkins M, Kauer B, Greiner A, Shireman T, Yeh HW, Talawyma M, Daley C. Recruitment and retention of American Indian smokers into a culturally-tailored smoking cessation study. Society for Research in Nicotine and Tobacco Annual Meeting, Seattle, WA, February 2014.
- 23. **Mushtaq N**, **Beebe LA**. Exploring the role of smokeless tobacco use indices as brief measures of dependence. Society for Research in Nicotine and Tobacco Annual Meeting, Seattle, WA, February 2014.
- 24. **Beebe LA**, \*Martinez S, Gillaspy S. Quitline utilization and outcomes among tobacco users with mental health and substance abuse disorders. Society for Research in Nicotine and Tobacco Annual Meeting, Seattle, WA, February 2014.
- 25. **Beebe LA**, \*Tackett AP, Wagener TL, White A, \*Mowls DS. E-cigarette use among current and former smokers. Society for Research in Nicotine and Tobacco Annual Meeting, Seattle, WA, February 2014.

- 26.\*Damphousse KE, \*Mowls DS, Beebe LA. Tobacco Use and Oral Cancer in US Males: An Ecological Study. Poster presentation at INBRE Summer Research Day, Oklahoma City, OK, July 2014.
- 27. Mowls DS, **Beebe LA**. Race Specific Trends in Invasive Lung Cancer, Oklahoma 2001-2010. Oral presentation at the Graduate Research Education and Technology (GREAT) Symposium, Oklahoma City, OK, April 2014.
- 28.\*Mowls DS, **Beebe LA**. Behavioral Risk Factors among Cancer Survivors in Oklahoma. Oral presentation at the Stephenson Cancer Center Research Symposium, Oklahoma City, OK, January 2014.
- 29.\*James, S, **Beebe LA**. Longitudinal evaluation of the Tobacco Stops With Me campaign. Poster presentation at the Stephenson Cancer Center Research Symposium, Oklahoma City, OK, January 2014.
- 30. Johnson M, Hopkins M, **Beebe LA**. Recruitment and retention of American Indian smokers into a culturally tailored smoking cessation study. Poster presentation at the Stephenson Cancer Center Research Symposium, Oklahoma City, OK, January 2014.
- 31. Williams MB, **Beebe LA**, Neas BR. State-level correlates of unassisted smoking quit attempts and cessation. Poster presentation at the Stephenson Cancer Center Research Symposium, Oklahoma City, OK, January 2014.
- 32.\*Sahlu I, **Carabin H**, Millogo A, Ganaba R, Cissé R, Boncoeur-Martel M-P, Bauer C, Tarnagda Z, Dorny P, Preux P-M. Spatial distribution of Epilepsy and Severe Chronic Headaches in 60 villages across Nayala, Boulkiemdé, and Sanguié Provinces in Burkina Faso. 63<sup>rd</sup> Annual meeting of the American Society of Tropical Medicine and Hygiene. New Orleans, LA. Nov 5, 2014. Abstract #LB-3421 (poster)
- 33. \*Poudel R, **Carabin H**, Magzamen S, Ganaba R, Dorny P, Gabriël S, Tarnagda Z, Preux P-M,.Ouédraogo J-B, Millogo A, Boumediene F. Spatial Clustering of Porcine and Human Cysticercosis at Village level of Nayala, Boulkiemde, and Sanguie Provinces in Burkina Faso. 63<sup>rd</sup> Annual meeting of the American Society of Tropical Medicine and Hygiene. New Orleans, LA. Nov 4, 2014. Abstract #1196 (oral delivered by Mr Poudel and poster at student awards).
- 34. Vasudevan P, Govidan R, Babu JJ, Anderson A, Drevets D, **Carabin H**, Hanas J, Rajshekhar V, Oommen A. <u>Inflammatory genes associated with seizures of neurocysticercosis</u>. 63<sup>rd</sup> Annual meeting of the American Society of Tropical Medicine and Hygiene. New Orleans, LA. Nov 4, 2014. Abstract #1193 (oral).
- 35.\*Bhattarai R, **Carabin H,** Flisser A, Proano JV, Flores-Rivera J, Corona C, Budke CM. Cost of neurocysticercosis patients treated in two referral hospitals in Mexico City, Mexico. 63<sup>rd</sup> Annual meeting of the American Society of Tropical Medicine and Hygiene. New Orleans, LA. Nov 3, 2014. Abstract #LB-3076 (poster).
- 36. Hanas J, Hocker J, Govidan R, Oommen A, Babu JJ, Anderson A, Drevets D, Vasudevan P, Rajshekhar V, **Carabin H**. Comparison of Serum Mass Profiling of patients with Neurocysticercosis epilepsy, idiopathic epilepsy and no neurological disease. 63<sup>rd</sup> Annual meeting of the American Society of

- Tropical Medicine and Hygiene. New Orleans, LA. Nov 4, 2014. Abstract #856 (oral delivered by Dr. Hanas).
- 37. **Carabin H**. "Transmission dynamics modeling of *Taenia solium*: a tool to choosing the best strategy to control cysticercosis in Sub-Saharan Africa". Symposium "Control of *Taenia solium* cysticercosis in sub-Saharan Africa". 13<sup>th</sup> International Congress of Parasitology. Mexico City, Mexico. 11 Aug 2014. Invited Speaker.
- 38. Espinoza-Varas B, **Ding K**, Lakhwani S (2014). "An auditory test battery for the assessment of executive functions". The Journal of the Acoustical Society of America. 135: 2424.
- 39. Espinoza-Varas B, Lakhwani S, **Ding K**. "Deficits in emotion voice-tone recognition in teenagers with family history of alcohol use disorder (AUD): effects of executive-function loads". Accepted as a paper presentation at the 37th Annual RSA Scientific Meeting and 17th Congress of ISBRA, Bellevue, Washington.
- 40. Gunderson CC, Walter AC, Moore KN, **Ding K**, Slaughter KN, McMeekin DS. "The Indolent Nature of Mucinous Adenocarcinoma of the Ovary." Accepted as an oral Presentation at Western Association of Gynecologic Oncologists Annual Meeting, Lake Tahoe, CA.
- 41. Gunderson CC, Walter AC, **Ding K**, Moore KN. "Post Intensive Care Unit Syndrome in Women with Epithelial Ovarian Cancer". Accepted as an oral presentation at the American Brachytherapy Society (ABS) 2014 GYN School, Chicago IL.
- 42. Gunderson CC, Ruskin R, Walter AC, **Ding K**, Moore KN "Post Intensive Care Unit Syndrome in Women with Gynecologic Cancer". Accepted as a featured poster presentation in SGO 46th Annual Meeting on Women's Cancer, Chicago, IL.
- 43. Gunderson CC, Benbrook D, Farris R, Butler J, **Ding K**, Smith KM. "Factors Affecting Differential Incidence of Adenocarcinoma in situ of the Cervix", accepted as an oral presentation at the 2014 American Society for Colposcopy and Cervical Pathology ASCCP Biennial Scientific Meeting, Scottsdale, Arizona.
- 44. Folorunso O, Shay CM, **Ding K**, Sisson S, Magzamen S, Day RS, Hallman DM, Labarthe D. "Cardiorespiratory fitness does not attenuate the association between adiposity and blood lipids in children and adolescents: project HEARTBEAT! (1991-1995)", accepted as a poster presentation at the 2014 AHA meeting, San Francisco, CA.
- 45. Muhamedagic CA, Sternlof SA, Beck JK, Shay CM, **Ding K**, Short MM, Lane JT. "Impact of psychosocial issues on glycemic control in young adult patients with Type 1 Diabetes", accepted as a poster presentation at the 2014 ADA meeting, San Francisco, California.
- 46. Martinez L, Li J, Dao HD, **Ding K**, Slaton J. "Patients with low risk urothelial bladder cancer are at significant risk of dying from a second metachronous primary neoplasm". Accepted as an oral presentation at the south central section of American urological association Meeting in Rancho Mirage, CA.

- 47. **Wendelboe AM**, **Campbell J**, \*McCumber M, **Ding K**, Bratzler D, Beckman M, Reyes N, **Raskob G**. Incidence of Venous Thromboembolism Estimated Using Hospital Discharge Data: Differences between Event-based Estimates and Patient-based Estimates. 56th Annual Meeting and Exposition of the American Society of Hematology. San Francisco, CA, Dec 6-9, 2014. (To be published in Nov 14 Volume of *Blood*.)
- 48. Qiu Y, Tan M, McMeekin S, Thai T, **Ding K**, Liu H, Zheng B. "Evaluation of chemotherapy response in ovarian cancer treatment using quantitative CT image Biomarkers: A preliminary study", to be presented in SPIE Medical Imaging Conference, Orlando, FL.
- 49. Tan M, Qiu Y, McMeekin S, Thai T, **Ding K**, Liu H, Zheng B. "Evaluation of tumor response to the new drug treatment using a B-spline image registration method", to be presented in SPIE Medical Imaging Conference, Orlando, FL.
- 50. Alam K, Powell J, **Ding K**, Yue W. "Indirect inhibition of organic anion transporting polypeptide (OATP) 1B3-mediated transport by proteasome inhibitor bortezomib", presented at the 19th North American International Society for the Study of Xenobiotics (ISSX), San Francisco CA.
- 51. Farasyn T, Powell J, **Ding K**, Yue W. "Rapid Down-Regulation of Organic Anion Transporting Polypeptide (OATP) 1B3 Transport Function by Phosphorylation Modulators in Sandwich-Cultured Hepatocytes: A Novel Mechanism of OATP1B3 Inhibition" [abstract]. In: 19th North American ISSX Meeting; 2014 Oct 19-23; San Francisco (CA): ISSX; 2014. Abstract # 34036.
- 52. Zhu Y, He J, Best LG, **Lee ET**, Howard BV, Zhao J. Metabolic predictors of type 2 diabetes in American Indians: The Strong Heart Family Study. *Final Program of the 2014 Scientific Sessions of AHA/ASA EPI/NPAM (Cardiovascular Disease, Epidemiology and Prevention, Nutrition, Physical Activity and Metabolism) Scientific Sessions.*
- 53. Zhu Y, He J, Lin J, Blackburn E, **Lee ET**, Howard BV, Zhao J. Metabolic profiles of biological aging in American Indians: The Strong Heart Family Study. *Final Program of the 2013 Scientific Sessions of AHA/ASA EPI/NPAM Scientific Sessions.*
- 54. Chen S, Lin J, **Lee ET**, Howard BV, Zhao J. Short leukocyte telomere length is associated with obesity in American Indians: The Strong Heart Family Study. *Final Program of the 2013 Scientific Sessions of AHA/ASA EPI/NPAM Scientific Sessions.*
- 55. Studebaker SN, **Mushtaq N**, Spear J, Hemming EJ, Fox MD, "The Association of HPV Vaccination Rates and Adolescent Birth Rate" 2014 Pediatric Academic Societies Annual Meeting
- **56. Mushtaq N**, **Beebe LA**, Williams MB, "Cardiovascular Risk Parameters in Smokeless Tobacco Users" submitted to 16<sup>th</sup> World Conference on Tobacco or Health
- **57. Mushtaq N**, **Beebe LA**, "Assessment of Tobacco dependence screener among Smokeless Tobacco Users" submitted to 2015 Society for Research on Nicotine and Tobacco 21<sup>st</sup> Annual Meeting

- **58. Mushtaq N**, **Beebe LA**, Williams MB, "Cardiovascular Risk Parameters in Male Smokeless Tobacco Users" submitted to 2015 Society for Research on Nicotine and Tobacco 21<sup>st</sup> Annual Meeting
- 59. **Peck JD**, Quaas AM, Craig LB, Soules MR, Klein NA, Hansen KR. Ethanol use and its association with ovarian non-growing follicle count. Fertility and Sterility 2014; Vol 102, Issue 3, Supplement, Page e150
- 60. Craig LB, Hansen KR, Graves J; Quaas A; Zavy MT, Peck J. Shortened interval from semen processing to intrauterine insemination does not affect pregnancy rates. Fertility and Sterility 2014; Vol 101, Issue 2, Supplement, Page e11
- 61. **Stoner, JA,** Golub, L, Payne, JB. Probing Depth: A Poor Predictor of Clinical Attachment Level Changes. 2015 International Association for Dental Research, March 11-14, 2015. Boston, MA.
- 62. Basu A, Jenkins AJ, Stoner JA, Thorpe SR, Klein RL, Lopes-Virella MF, Garvey WT, Lyons TJ, and the DCCT/EDIC Study Group. Associations of Total Plasma Homocysteine with Carotid Intima-Media Thickness in Type 1 Diabetes. 2014 74<sup>th</sup> Scientific Sessions. American Diabetes Association Meeting.
- 63. Zhang Y, Jenkins AJ, Basu A, Stoner JA, Lopes-Virella MF, Klein RL, Lyons, TJ, and the DCCT/EDIC Study Group. The effects of intensive diabetes therapy on nuclear magnetic resonance-determined lipoprotein subclass profiles in Type 1 diabetes in the Diabetes Control and Complications Trial (DCCT). 2014 74<sup>th</sup> Scientific Sessions. American Diabetes Association Meeting.
- 64. Basu A, Jenkins AJ, Zhang Y, Stoner JA, Klein RL, Lopes-Virella MF, Garvey WT, Lyons TJ, and the DCCT/EDIC Study Group. Associations of nuclear magnetic resonance-determined lipoprotein subclasses with carotid intima-media thickness in type 1 diabetes: a prospective study. 2014 74<sup>th</sup> Scientific Sessions. American Diabetes Association Meeting.
- 65. Tolma, E, Thomas C, Canfield, V, Li J, Dichov, A, **Stoner, J**, Engelman, K PROMOTING REGULAR SCREENING MAMMOGRAPHY IN AN AMERICAN INDIAN COMMUNITY IN OKLAHOMA: AN UPDATE. Stephenson Cancer Center Research Symposium, University of Oklahoma Health Sciences Center. January 27, 2015.
- 66. Azar, M, **Stoner, J**, Goodman, JR, Stephens, L, Goodman, K, Lyons, T, First Trimester Dysglycemia in Pregnant Oklahoma Minority Women. Endocrine Society's 96th Annual Meeting and Expo, June 21–24, 2014 Chicago.
- 67. Algan, S, **Stoner, J**, **Garwe, T**, Johannesen, S, Kota, P, Ertl, WJ, Teague, DC. Comparison of Outcomes for Men and Women Sustaining Polytrauma. 2015 American Academy of Orthopedic Surgeons Annual Meeting
- 68. Prodan, C, **Stoner**, **J**, Dale, G. Major Hemorrhagic Complications are Associated with Lower Coated-Platelet Levels in Patients with Non-Lacunar Brain Infarction. 2015 American Academy of Neurology Annual Meeting.
- 69. White, E, **Stoner, J**, Harms, C, Nguyen, A, Digoy, GP. Oxygenation Levels Before and After Tracheostomy Decannulation in Children. 2015 American Society of Pediatric Otolaryngology Annual Meeting.

- 70. Tolma, E, Thomas C, Canfield, V, Li J, Dichov, A, **Stoner, J**, Engelman, K Native Women's Health Project: The design, implementation and evaluation of an innovative approach toward promoting screening mammography in an American Indian community in Oklahoma. 2015 American Association for Cancer Research.
- 71. Rogers P\*, **Stoner J.** Modification of the sandwich estimator in generalized estimating equations with correlated binary outcomes in rare event and small sample size settings. Innovations in Design, Analysis, and Dissemination: Frontiers in Biostatistical Methods. Kansas City. April 2014.
- 72. Janitz, A, Neas, B, **Campbell, JE**, Pate, A, Powell, R, **Stoner, JA**, Magzamen, S, **Peck, JD**. Cancer in children with specific congenital anomalies in Oklahoma. National Birth Defects Prevention Network Virtual Annual Meeting 2014.
- 73. Maymani H, Ahmad B, Machiorlatti MG, **Vesely SK**, Srour SA, Selby G, Asch AS, Cherry M. Time from Hospital Admission to Induction Chemotherapy Adversely Affects Outcomes in Patients with Acute Myeloid Leukemia. *Blood* 2014 124:1289; published ahead of print December 5, 2014
- 74. Williams KM, Holter Chakrabarty JL, Lindenberg L, Adler S, Gea-Banacloche J, Blacklock-Schuver B, Hakim FT, Hickstein DD, Kochenderger JN, Wilder J, Chinn T, Kurdziel K, Steinberg SM, Khuu H, Lin FI, Fowler DH, Halverson D, Avila DN, Selby G, Taylor TN, Mann J, Hsu J, Epstein RB Anderson SL, Choung N, Havlicek, Li S, Pham T, Kraous T, Vesely SK, Pavletic SZ, Bollard CM, Choyke P, Gress RE. FLT Imaging Reveals Kinetics and Biology of Engraftment after Myeloablative HSCT. Blood 2014 124:1147; published ahead of print December 5, 2014
- 75. **Terrell DR**, Stewart LM, Tolma EL, Larsen EA, **Vesely SK**, **George JN**. Thrombotic Thrombocytopenic Purpura (TTP) Patient Attitudes Regarding Depression Management: a Qualitative Study. *Blood* 2014 124:203; published ahead of print December 5, 2014
- 76. Wendelboe AM, Campbell J, Bratzler D, Beckman M, Reyes N, Raskob G. Establishing a Pilot Surveillance System for Venous Thromboembolism. Thirteenth Annual Conference of International Society for Disease Surveillance. New Orleans, 2013. *J Public Health Informatics*.
- 77. Avery CL, Zeng D, Chakladar S, Holliday KM, Lin DY, Daviglus ML, Reis JP, Schreiner PJ, Shay CM, Yeh F, Youngblood ME, **Zhang Y**, Heiss G. The Probability of Maintaining Ideal Levels of Glucose in US Populations: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL) and the National Health and Nutrition Examination Survey (NHANES) I. 2014; 129: AP113
- 78. Holliday KM, Lin DY, Chakladar S, Daviglus ML, Evenson KR, Heiss G, Reis JP, Schreiner PJ, Shay CM, Yeh F, Youngblood ME, Zeng D, **Zhang Y**, Avery CL. Age-Specific Probabilities of Transitioning between Ideal, Intermediate, and Poor Levels of Physical Activity in the United States: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL) and the National Health and Nutrition Examination Survey (NHANES) *Circulation*. 2014; 129: A59

- 79. Ganapathy V, Ramachandran I, Krempl G, Chissoe D, **Zhao YD**, Queimado L (2014) DNA damage in peripheral blood cells predicts oropharyngeal cancer risk. Joint Meeting of the 5th World Congress of IFHNOS
- 80. Nagykaldi Z, **Zhao YD**, Greever-Rice (2014) P14 Implementing a Community-Based Model for Delivering Preventive Services in Rural Counties. Society of Teachers of Family Medicine
- 81. Dooley WC, Wilson C, Luu D, **Zhao YD** (2014) Measuring Effects of System Changes on Breast Cancer Outcome Variability. Society of Surgical Oncology 67th Annual Cancer Symposium
- 82. Ganapathy V, Ramachandran I, Krempl G, Chissoe D, Zhao YD, Queimado L (2014) DNA damage in peripheral blood cells predicts oropharyngeal cancer risk. The International Federation of Head and Neck Oncologic Societies (IFHNOS) 5th World Congress and the American Head and Neck Society (AHNS) 2014 Annual Meeting.
- 83. Mahmood S, Nusrat S, Crosby A, **Zhao YD**, Ali T. Assessment of Sexual Dysfunction Among Inflammatory Bowel Disease Patients. Poster 1754. Am J Gastroenterol 109: S473-S527; doi:10.1038/ajg.2014.269
- 84. Ali T, **Zhao YD**, Crosby A, Orr WC, Madhoun MF, Rubin DT. Daytime Dysfunction in Patients With Inflammatory Bowel Disease Associated With Mucosal Inflammation: A Cross Sectional Study. Sa1193. Gastroenterology, Vol. 146, Issue 5, S-225
- 85. Ganapathy V, Ramachandran I, Krempl G, Chissoe D, **Zhao YD**, Queimado L. DNA damage in peripheral blood cells predicts oropharyngeal cancer risk; Joint Meeting of the 5th World Congress of IFHNOS and the Annual Meeting of the AHNS, July 26-30, 2014, New York, NY.
- 86. Mahmood S, Jackson R, **Zhao YD**, Oxentenko A, Ali T. Work-life balance of resident physicians: A Web Based Cross sectional Survey. 2014 National American College of Physicians Meeting; Orlando, FL. 04/10/2014.

# D. Scholarly/Professional Presentations

Listing of all presentations by faculty member

#### Anderson

1) **Title:** Prediction of Intra-ventricular Hemorrhage in Very Pre-Term Infants **Event:** 

**Audience:** The Biomedical and Behavioral Methodology Core Members and guests

Date and Location: April 1, 2014, Oklahoma City, OK.

Invited/selected competitively/ other circumstances: Invited

2) Title: A semi-parametric Bayesian framework for Identifying up or down regulated Genes in Subjects with Neurosysticercosis (NCC) Associated Epilepsy.

**Event:** 

Audience: Attendees of the Joint Statistical Meetings 2014.

Date and location: August 5, 2014, Boston, MA.

Invited/selected competitively/ other circumstances: Contributed

**3) Title:** A semi-parametric Bayesian framework for Identifying up or down regulated Genes in Subjects with Neurosysticercosis (NCC) Associated Epilepsy.

Event:

**Audience:** BSE Faculty and students and guests.

Date and location: October 29, 2014, Oklahoma City, OK. Invited/selected competitively/ other circumstances: Invited

#### Beebe

1) Title: HealthChoice Members calling the Oklahoma Tobacco Helpline

**Event:** Board Meeting, Employee Group Insurance Division

Audience: EGID Board members and staff

**Date and Location:** February 21, 2014, Oklahoma City, OK **Invited/selected competitively/ other circumstances:** Invited

2) Title: Tobacco use among American Indians in Oklahoma

Event: Quarterly Meeting, SCC Cancer Health Disparities Program

Audience: Faculty, staff, researchers

Date and Location: March 14, 2014, Oklahoma City, OK

Invited/selected competitively/ other circumstances: Invited

3) Title: Free the Night Survey Results

**Event:** FTN Press Conference

Audience: Press, TSET, Tobacco control staff

**Date and Location:** December 15, 2014, Oklahoma City, OK **Invited/selected competitively/ other circumstances:** Invited

4) Title: Project BEST Update

**Event:** Research Project Site Visit

**Audience:** UCSD collaborators and OK research staff **Date and Location:** April 3, 2014, San Diego, CA

Invited/selected competitively/ other circumstances: Invited

5) **Title:** Evaluation Key Component Activity of the OSCTR

**Event:** OSCTR EAB and NIH Site Visit **Audience:** EAB, NIH Program Officers

Date and Location: August 29 and October 6, 2014, Oklahoma City, OK

Invited/selected competitively/ other circumstances: Invited

#### Campbell

1) Title: Accelerated Geriatrics Experience (A.G.E): A mentored self-study curriculum to enhance understanding of older clients with dementia Event: American Public Health Association Annual Meeting 2014

**Audience:** Health professionals

Date and location: November 2014 New Orleans, LA

**Invited/selected competitively/ other circumstances:** Selected competitively

2) Title: Accelerated Geriatrics Experience (A.G.E): A mentored self-study curriculum to enhance understanding of older clients with dementia Event: American Public Health Association Annual Meeting 2014

**Audience:** Health professionals

Date and location: November 2014 New Orleans, LA

Invited/selected competitively/ other circumstances: Selected

competitively

3) Title: Incidence of Venous Thromboembolism Estimated Using Hospital Discharge Data: Differences between Event-Based Estimates and Patient-Based Estimates

**Event:** 56th ASH Annual Meeting and Exposition

Audience: Health professionals

Date and location: December 2014, San Francisco, CA

Invited/selected competitively/ other circumstances: Selected

competitively

4) Title: Cancer in Children with Specific Congenital Anomalies in Oklahoma

**Event:** Society of Pharmaceutical Education & Research

Audience: Health professionals

Date and location: March 2014 Seattle, WA

Invited/selected competitively/ other circumstances: Selected

competitively

5) Title: Children's dietary intake in child care centers by weight status, sex and age: A research proposal

**Event:** Graduate Research Education and Technology Symposium.

(GREAT) 2014

Audience: Health professionals

Date and location: March 2014 Oklahoma City, OK

Invited/selected competitively/other circumstances: Selected

competitively

6) Title: Mapping a Prevalence of Supplemental Security Income Recipients

across the Counties in Oklahoma from 2011-2013 **Event:** GIS Day 2014 at the University of Oklahoma

Audience: GIS students and professionals

Date and location: November 2014, Norman, OK

Invited/selected competitively/ other circumstances: Selected

competitively

#### Carabin

1) Title: Inflammatory genes associated with seizures of neurocysticercosis

**Event:** 63<sup>rd</sup> Annual meeting of the American Society of Tropical Medicine and Hygiene

Audience: Researchers in the area of cysticercosis / echinococcosis

Date and Location: Nov 4, 2014 New Orleans, LA

Invited/selected competitively/ other circumstances: selected

competitively

**2) Title:** Transmission dynamics modeling of *Taenia solium*: a tool to choosing the best strategy to control cysticercosis in Sub-Saharan Africa

**Event:** 13<sup>th</sup> International Congress of Parasitology

Audience: Parasitologists

Date and Location: Mexico City, Mexico. 11 Aug 2014

Invited/selected competitively/ other circumstances: Invited

**3) Title:** Neglected parasitic zoonoses epidemiological research: Challenges and suggested methods using an example from the Philippines

**Event:** 50<sup>th</sup> Anniversary of the Department of Epidemiology and Biostatistics

(McGill) Seminar Series. **Audience:** Epidemiologists

Date and Location: Department of Epidemiology and Biostatistics, McGill

University, Montréal, Canada. 1 Dec 2014

Invited/selected competitively/ other circumstances: Invited

#### Garwe

1) **Title:** The effects of the addition of a pediatric surgery fellow on the operative experience of the general surgery resident

Event: ACS Accredited Education Institutes Meeting, March 15th, 2014

Audience: Clinicians

Date and Location: Chicago, March 15th, 2014

Invited/selected competitively/ other circumstances: competitively

selected

2) Title: Implementation of An Institutional Protocol Achieves Near-Perfect Retrieval Rates Among Trauma Patients With Retrievable Inferior Vena Cava.

**Event:** Southwestern Surgical Congress

Audience: Clinicians

Date and Location: Scottsdale, Arizona, April, 2014

Invited/selected competitively/ other circumstances: competitively

selected

**3) Title:** Ventral Hernia Grade Is Associated With Significant In-Hospital Complications.

**Event:** Southwestern Surgical Congress

Audience: Clinicians

Date and Location: Scottsdale, Arizona, April, 2014

**Invited/selected competitively/ other circumstances:** competitively selected

**4) Title:** Overall Fitness is Associated With Reduction in Mortality Among Males With Severe Injury.

**Event:** Poster presentation at the 57<sup>th</sup> Annual Meeting of the Midwest

Surgical Association **Audience**: Clinicians

Date and Location: August 3-6, 2014, Mackinac Island, MI

Invited/selected competitively/ other circumstances: competitively

selected

**5) Title:** Prehospital Intravenous Fluids Are Not Associated With Increased Mortality in Pediatric Trauma Patients.

**Event:** Poster presentation at the 73rd Annual Meeting of AAST and Clinical

Congress of Acute Care Surgery

Audience: Clinicians

Date and Location: September 10-13, 2014, Philadelphia, PA

Invited/selected competitively/ other circumstances: competitively

selected

#### Lee

1) Title: Short leukocyte telomere length is associated with obesity in American Indians: The Strong Heart Family Study

**Event:** The AHA Epi/NPAM 2014 Scientific Sessions

Audience: Epidemiologists, physicians, other biomedical researchers and

Students

**Date and Location:** March 18-21, 2014, San Francisco, CA **Invited/selected competitively/other circumstances:** Selected competitively

**2) Title:** Metabolic predictors of type2 diabetes in American Indians: The Strong Heart Family Study

Event: The AHA Epi/NPAM 2014 Scientific Sessions

**Audience:** Epidemiologists, physicians, other researchers and Students

**Date and Location:** March 18-21, 2014, San Francisco, CA **Invited/selected competitively/other circumstances:** Selected Competitively

**3) Title**: Metabolic Metabolic profiles of biological aging in American Indians: The Strong Heart Family Study

Event: The AHA Epi/NPAM 2014 Scientific Sessions

Audience: Epidemiologists, physicians, other researchers and Students

**Date and Location:** March 18-21, 2014, San Francisco, CA **Invited/selected competitively/other circumstances:** Selected Competitively

4) Title: Incidence and risk factors for end stage renal disease among American

Indians: the Strong Heart Study

**Event:** The 11<sup>th</sup> Annual Harold Hamm Diabetes Center Research Symposium.

Audience: Faculty, researchers and students

Date and Location: Samis Education Center, University of Oklahoma Health

Sciences Center, Oklahoma City. October 14, 2014.

Invited/selected competitively/ other circumstances: Selected

competitively.

5) Title: Privacy preserving shared access to computing on sensitive data: A feasibility Study

**Event:** Data Integration, Analysis, and Sharing Symposium

Audience: Computer scientist, biomedical researchers and other

researchers who work with large data sets

Date and Location: September 15-16, 2014. La Jolla, CA Invited/selected competitively/ other circumstances: Invited

# Mushtaq

1) Title: Exploring the Role of Smokeless Tobacco Use Indices as Brief

Measures of Dependence

**Event:** 20th Annual Meeting of Society for Research on Nicotine and

Tobacco

Audience: Professional meeting

Date and Location: February 5-8, 2014, Seattle, WA

Invited/selected competitively/ other circumstances: Selected (peer

reviewed)

#### Peck

1) Title: Ethanol use and its association with ovarian non-growing follicle count

**Event:** American Society for Reproductive Medicine

Audience: Physicians and Researchers

Date and Location: May 2014, Honolulu, Hawaii

Invited/selected competitively/ other circumstances: Selected

competitively

2) Title: Shortened interval from semen processing to intrauterine insemination does not affect pregnancy rates

**Event:** American Society for Reproductive Medicine

Audience: Physicians and Researchers

Date and Location: May 2014, Honolulu, Hawaii

Invited/selected competitively/ other circumstances: Selected

competitively

3) Title: Characteristics associated with pelvic organ prolapse in women with significant levator muscle deficiency

Event: Joint meetings of the American Urogynecology Association and the

International Urogynecology

Audience: Physicians and Researchers

Date and Location: Washington DC, July 2014

Invited/selected competitively/ other circumstances: Selected

competitively

**4) Title:** 3-D endovaginal ultrasound detected levator ani muscle deficiency and muscle function.

Event: Joint meetings of the American Urogynecology Association and the

International Urogynecology

**Audience:** Physicians and Researchers

Date and Location: Washington DC, July 2014

Invited/selected competitively/ other circumstances: Selected

competitively

**5) Title:** Comparison of digital palpation and dynamic pelvic floor ultrasound for levator ani muscle function assessment

**Event:** Joint meetings of the American Urogynecology Association and the

International Urogynecology

Audience: Physicians and Researchers

Date and Location: Washington DC, July 2014

Invited/selected competitively/ other circumstances: Selected

competitively

**6) Title:** Childhood cancer in children with congenital anomalies in Oklahoma **Event:** Society for Pediatric and Perinatal Epidemiologic Research Meeting

Audience: Reproductive and Perinatal Epidemiologists

Date and Location: June 2014, Seattle, WA

Invited/selected competitively/ other circumstances: Selected

competitively

7) Title: Identification of Predispositions for Gastroschisis

**Event:** Society for Gynecologic Investigation **Audience:** Physicians and Researchers

Date and Location: March 2014, Florence, Italy

Invited/selected competitively/ other circumstances: Selected

competitively

**8) Title:** The effects of male tobacco use on both total motile sperm count and pregnancy rates in intrauterine insemination

**Event:** Pacific Coast Reproductive Society Annual Meeting

**Audience:** Physicians and Researchers **Date and Location:** April 2014, Boston, MA

# **Invited/selected competitively/ other circumstances:** Selected competitively

#### Stoner

1) Title: The Biostatistics, Epidemiology, and Research Design (BERD) Key Component Activity (KCA) of the Oklahoma Shared Clinical and Translational Resources (OSCTR)

**Event:** OSCTR External Advisory Committee Site Visit

Audience: External Advisory Committee members and OSCTR personnel

Date and Location: August 29, 2014, OUHSC

Invited/selected competitively/ other circumstances: Presented as the

Director of the BERD KCA

2) Title: The Biostatistics, Epidemiology, and Research Design (BERD) Key Component Activity (KCA) of the Oklahoma Shared Clinical and Translational Resources (OSCTR)

**Event:** OSCTR NIH Program Officer Site Visit

Audience: NIH Program Officers and OSCTR personnel

Date and Location: October 6, 2014, OUHSC

Invited/selected competitively/ other circumstances: Presented as the

Director of the BERD KCA

**3) Title:** The Biostatistics, Epidemiology, and Research Design (BERD) Key Component Activity (KCA) of the Oklahoma Shared Clinical and Translational Resources (OSCTR)

**Event:** Department of Geriatrics Faculty Meeting

Audience: OUHSC Department of Geriatrics faculty and staff

Date and Location: September 17, 2014, OUHSC

Invited/selected competitively/ other circumstances: Presented as the

Director of the BERD KCA

## Terrell

1) **Title:** Thrombotic thrombocytopenic purpura: risks of pregnancy following recovery

**Event:** Society for Maternal-Fetal Medicine

Audience:

Date and Location: Feb 2014, New Orleans, LA

Invited/selected competitively/ other circumstances: selected

competitively

2) Title: Serving minority populations: career pathways & tips.

**Event:** African-American Students Association and Hispanic Students

Association

Audience: Students

Date and location: June 2014, Oklahoma City, OK

Invited/selected competitively/ other circumstances: invited

3) Title: Write your own story

Event: Fall boot camp at Seminole State College

Audience: College students

Date and location: August 2014, Seminole State College

Invited/selected competitively/ other circumstances: invited

4) Title: Thrombotic thrombocytopenic purpura (TTP) patient attitudes

regarding depression management: a qualitative study

**Event:** American Society of Hematology

Audience:

Date and location: Dec 2014, San Francisco, CA

Invited/selected competitively/ other circumstances: selected

competitively

# **Thompson**

1) Title: The association between functional abdominal symptoms and migraine in adult patients providing more evidence that abdominal migraine occurs in adults.

**Event:** American Academy of Neurology 67th Annual Meeting

Audience:

Date and location: April 18 to April 25, 2015, Walter E. Washington

Convention Center, Washington, DC

Invited/selected competitively/ other circumstances:

2) Title: Headache in Patients with Acute Ischemic Stroke and Frequency of IV tPA Administration

**Event:** American Academy of Neurology 67th Annual Meeting

Audience:

**Date and location:** April 18 to April 25, 2015, Walter E. Washington

Convention Center, Washington, DC

Invited/selected competitively/ other circumstances:

3) Title: Mild cognitive impairment (MCI) preceding dementia with Lewy bodies (DLB): Comparison Amnestic MCI

Event: American Neurological Association's 2014 Annual Meeting

Audience:

Date and location: October 12-14, 2014, Baltimore, Maryland

Invited/selected competitively/ other circumstances:

**4) Title:** Outpatient Education Reduces Emergency Room Use by Epilepsy Patients

**Event:** American Epidemiology Society (AES) conference

Audience:

**Date and location:** December 2014, Seattle, WA **Invited/selected competitively/ other circumstances:** 

**5) Title:** "The pain of anticipation: differences between expected and experienced pain in electrodiagnostic testing."

Event: American Academy of Neurology 66th Annual Meeting

Audience:

Date and location: April 26 to May 3, 2014 at the Pennsylvania Convention

Center, in Philadelphia, PA

Invited/selected competitively/ other circumstances:

**6) Title:** "Cognitive and Behavioral Changes in PSP: Comparison of PSP-Parkinsonism with PSP-Richardson Syndrome"

Event: American Academy of Neurology 66th Annual Meeting

Audience:

Date and location: April 26 to May 3, 2014 at the Pennsylvania Convention

Center, in Philadelphia, PA

Invited/selected competitively/ other circumstances:

**7) Title:** Differential expression of micro-RNA among normal weight, obese, and type 2 diabetic children

**Event:** 11th Harold Hamm Diabetes Center Annual Research Symposium

Audience:

Date and location: 10-14-2014, Samis Education Center, OUHSC

Invited/selected competitively/ other circumstances:

8) Title: Attitudes Toward HPV Vaccine and Vaccination Status: Differences Between Parents of Male and Female Adolescents

Event: North American Primary Care Research Group, Practice-Based

Research Network Conference

Audience:

**Date and location:** June 30-July 1, 2014, Bethesda, MD **Invited/selected competitively/ other circumstances:** 

9) Title: Soluble Endothelial Adhesion Molecules are Lower in Children with Obesity and Type 2 Diabetes Compared in their Normal Weight Peers

**Event:** Eighth Annual Department of Pediatrics Research Day

Audience:

Date and location: May 16, 2014, Oklahoma City, OK Invited/selected competitively/ other circumstances:

10)Title: Provider Recommendation and Adolescent Vaccines in Females: NIS

Teen 2008-2011

**Event:** 2014 Pediatric Academic Societies and Asian Society for

Pediatric Research Joint Meeting

Audience:

Date and location: May 3, 2014, Vancouver, BC

Invited/selected competitively/ other circumstances:

## Vesely

1) Title: The Oklahoma Thrombotic Thrombocytopenic Purpura Registry:

Community-Based Translational Research

**Event:** Hematology Grand Rounds, McMaster University

**Audience:** Hematologists from Hamilton

Date and Location: May, Hamilton, Ontario, Canada

Invited/selected competitively/ other circumstances: invited

2) Title: Do Youth Assets Protect Young Adults from Tobacco Use: A Prospective Association? (Cheney MK, Oman RF, Vesely SK)

**Event:** 142nd APHA Annual Meeting and Exposition

Audience: Public Health Practitioners

Date and Location: November, New Orleans, LA

Invited/selected competitively/ other circumstances: selected

competitively

3) Title Effective Management of the Evaluation of a Multisite Randomized Trial in a Highly Mobile Population (Moore JM, Oman RF, Vesely SK, Williams JM, Fluhr JD)

**Event:** U.S. Department of Health and Human Services Teen Pregnancy

Prevention Grantee Conference

**Audience:** Public Health Practitioners

Date and Location: June, Washington, DC.

Invited/selected competitively/ other circumstances: selected

competitively

#### Wendelboe

1) Title: The 2014 West African Ebola Outbreak: Summary and Impact on

**OUHSC Campus** 

**Event:** Public Health Grand Rounds

Audience: Public Health Professionals in Oklahoma

Date and Location: 9/17/14

Invited/selected competitively/ other circumstances: Invited

2) Title: Ebola Virus Disease – Scott Mitchell

**Event:** Radio Interview in Oklahoma KOKC 1520

Audience: General Public in Oklahoma

Date and Location: 10/10/14

Invited/selected competitively/ other circumstances: Invited

3) Title: Incidence of Venous Thromboembolism Estimated Using Hospital Discharge Data: Differences between Event-based Estimates and Patient-

based Estimates

Event: 56<sup>th</sup> Annual Meeting and Exposition of the American Society of

Hematology

Audience: Public Health and Clinical Professionals in Hematology

Date and Location: 12/6/14, San Francisco, CA

Invited/selected competitively/ other circumstances: Poster Selected

Competitively

## Zhang

1) Title: Incidence and risk factors for end stage renal disease among American Indians: the Strong Heart Study

**Event:** the 11<sup>th</sup> Annual Harold Hamm Diabetes Center Research Symposium. **Audience:** Poster presentation at the 11<sup>th</sup> Annual Harold Hamm Diabetes Center Research Symposium.

**Date and Location:** Samis Education Center, University of Oklahoma Health Sciences Center, Oklahoma City. October 14, 2014.

**Invited/selected competitively/ other circumstances:** Poster presentation selected competitively.

**2) Title:** The use of data from large cohort studies in the design of prevention programs: the Strong Heart Study.

**Event:** the 11<sup>th</sup> Annual Harold Hamm Diabetes Center Research Symposium.

**Audience:** Poster presentation at the 11<sup>th</sup> Annual Harold Hamm Diabetes Center Research Symposium.

**Date and Location:** Samis Education Center, University of Oklahoma Health Sciences Center, Oklahoma City. October 14, 2014.

**Invited/selected competitively/ other circumstances:** Poster resentation selected competitively.

3) Title: The effects of intensive diabetes therapy on nuclear magnetic resonance-determined lipoprotein subclass profiles in type 1 diabets in the Diabetes Control and Complications Trial (DCCT)

**Event:** the American Diabetes Association 74<sup>th</sup> Scientific Sessions.

**Audience:** Poster presentation at the American Diabetes Association 74<sup>th</sup> Scientific Sessions.

**Date and Location:** June 13-17, 2014. Moscone Center, San Francisco, CA. **Invited/selected competitively/ other circumstances:** Poster presentation selected competitively. *In addition, this abstract has also been selected by the Scientific Sessions Meeting Planning Committee to be showcased in a Guided Audio Poster Tour entitled "Clinical Lipidology Update – New Treatments, Statin Safety, Side Effects, and Epidemiology" on Monday, June 16, 2014.* 

**4) Title:** Associations of Nuclear Magnetic Resonance-determined Lipoprotein Subclasses with Carotid Intima-Media Thickness in Type 1 Diabetes: A Prospective Study.

**Event:** the American Diabetes Association 74<sup>th</sup> Scientific Sessions.

**Audience:** Poster presentation at the American Diabetes Association 74<sup>th</sup> Scientific Sessions.

**Date and Location:** June 13-17, 2014. Moscone Center, San Francisco, CA. **Invited/selected competitively/ other circumstances:** Poster presentation selected competitively.

5) Title: The probability of maintaining ideal levels of glucose in US populations: the Hispanic Community Health Study / Study of Latinos (HCHS/SOL) and the National Health and Nutrition Examination Survey (NHANES)

**Event:** the American Heart Association: Cardiovascular Disease, Epidemiology and Prevention / Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions

**Audience:** Poster presentation in the American Heart Association: Cardiovascular Disease, Epidemiology and Prevention / Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions

**Date and Location:** March 18-21, 2014. Hilton San Francisco Square, San Francisco, CA.

**Invited/selected competitively/ other circumstances:** Poster presentation selected competitively.

6) Title: Age-specific probabilities of transitioning between ideal, intermediate, and poor levels of physical activity in the United States: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL) and the National Health and Nutrition Examination Survey (NHANES)

**Event:** the American Heart Association: Cardiovascular Disease, Epidemiology and Prevention / Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions

**Audience:** Poster presentation in the American Heart Association: Cardiovascular Disease, Epidemiology and Prevention / Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions

**Date and Location:** March 18-21, 2014. Hilton San Francisco Square, San Francisco, CA.

**Invited/selected competitively/ other circumstances:** Poster presentation selected competitively.

# E. Extramurally Funded Projects

Listing of all extramurally funded projects by faculty member with total % effort funded for each member.

#### Anderson

1) Title: Biostatistical Support for the Department of Pediatrics

**Type:** Research and Training

Funding source: OUHSC Department of Pediatrics (Dr. Stull)

**Start and end dates:** 06/01/12 - 05/31/13

% effort on the project: 48% FTE

Role: Faculty Biostatistician

2) Title: Biostatistical Support for the students in the College of Allied Health

Type: Research and Training

**Funding source:** OUHSC College of Allied Health (Dean Rudeen)

**Start and end dates:** 06/01/12 - 05/31/13 **% effort on the project:** 10-12% FTE

Role: Faculty Biostatistician

3) Title: Understanding the inflammatory processes of neurocysticercosis: a

US-India partnership **Type:** Research

Funding source: OUHSC NINDS

Start and end dates: Nov 2011 – Aug 2016

% effort on the project: 10% FTE

Role: Co-Investigator

Total percent effort as PI or Co-PI: 68-70%

#### **Beebe**

1) Title of project: Evaluation of TSET-Funded Programs

Type of project (research or training): Research

Funding source: Oklahoma Tobacco Settlement Endowment Trust

**Start and end dates:** July 1, 2005-June 30, 2017

% effort on the project: 35%

Role (PI, Co-PI, Investigator, etc.): Principal Investigator

2) Title of project: Oklahoma Tobacco Research Center

Type of project (research or training): Research

Funding source: Oklahoma Tobacco Settlement Endowment Trust

**Start and end dates:** July 1, 2007 – June 30, 2017

% effort on the project: 15-20%

Role (PI, Co-PI, Investigator, etc.): Co-Director

3) Title of project: Culturally-tailored Smoking Cessation for American Indians

Type of project (research or training): Research Funding source: NCI through subcontract with KUMC

**Start and end dates:** 9/01/09 - 1/31/15

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Principal Investigator

4) Title of project: Nonsmokers and Tobacco Control Norms

Type of project (research or training): Research Funding source: NCI through subcontract with UCSD

**Start and end dates:** 9/01/11 – 8/30/16

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Principal Investigator

5) Title of project: Promoting Smoking Cessation Among Young Non-Daily

Smokers

Type of project (research or training): Research Funding source: NCI through subcontract with UCSF

**Start and end dates:** 8/01/12 – 7/31/14

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Principal Investigator

6) Title of project: Oklahoma Shared Clinical and Translational Research

Center

Type of project (research or training): Research and Training

Funding source: NIH

**Start and end dates:** 10/01/13 – 9/31/18

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Director, Evaluation KCA

7) Title of project: Evaluating a Sequential Adaptive Smoking Cessation

Intervention (Wagener, PI)

Type of project (research or training): Pilot Research

Funding source: NIH, Oklahoma Shared Clinical and Translational

Research Center

Start and end dates: 7/01/14 – 6/30/15 % effort on the project: 5% in-kind

Role (PI, Co-PI, Investigator, etc.): Co-Investigator and Mentor

8) Title of project: Statistical and Epidemiologic Services Related to Tobacco

Prevention Activities (through BSERDAC)

Type of project (research or training): Research

Funding source: Oklahoma State Department of Health Start and end dates: November 1, 2005 – June 30, 2015 % effort on the project: NA/effort through BSERDAC Role (PI, Co-PI, Investigator, etc.): Principal Investigator

**9) Title of project:** MPOWER Evaluation (through BSERDAC)

Type of project (research or training): Research

Funding source: Oklahoma State Department of Health Start and end dates: November 1, 2005 – June 30, 2015 % effort on the project: NA/effort through BSERDAC Role (PI, Co-PI, Investigator, etc.): Principal Investigator

**10) Title of project:** Evaluation of the Tribal Liaison Office (through BSERDAC)

Type of project (research or training): Research

Funding source: Oklahoma State Department of Health

Start and end dates: November 1, 2011 – June 30, 2015 % effort on the project: NA/effort through BSERDAC Role (PI, Co-PI, Investigator, etc.): Principal Investigator

Total percent effort as PI or Co-PI: 95%

## **Boeckman**

1) Title of project: Evaluation of TSET-Funded Programs
Type of project (research or training): Research

Funding source: Oklahoma Tobacco Settlement Endowment Trust

**Start and end dates:** July 1, 2005-June 30, 2015

% effort on the project: 50%

Role (PI, Co-PI, Investigator, etc.): Research Biostatistician

2) Title of project: Evaluation of the Children First Program Type of project (research or training): Research Funding source: Oklahoma State Department of Health Start and end dates: July 1, 2014-June 30, 2015

**% effort on the project:** 5% (annual contract limit \$5,000)

Role (PI, Co-PI, Investigator, etc.): PI

3) Title of project: OK Dental Health Screening

Type of project (research or training): Research

**Funding source:** Oklahoma State Department of Health **Start and end dates:** January 1, 2015-June 30, 2016

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): PI

**4) Title of project**: Oklahoma Shared Clinical and Translational Resources (OSCTR)

Type of project (research or training): Research Funding source: NIH/NIGMS, 1 U54 GM104938-01A1 Start and end dates: September 1, 2013-June 30, 2018

% effort on the project:

Role (PI, Co-PI, Investigator, etc.): Research Biostatistician

Total percent effort as PI or Co-PI: 10%

#### Campbell

1) Title of project: Tribal Epidemiology Center Good Health and Wellnesss Evaluation

Type of project (research or training): Research

Funding source: Tribal Epidemiology Center (original Funder CDC).

**Start and end dates:** 10/01/2014-09/30/2019

% effort on the project: 15%

Role (PI, Co-PI, Investigator, etc.): Evaluator

2) Title of project: Tribal Epidemiology Center Health Disparities Evaluation

Type of project (research or training): Research

Funding source: Tribal Epidemiology Center (original Funder Office of

Minority Health).

**Start and end dates:** 10/01/2012-09/30/2017

% effort on the project: 15%

Role (PI, Co-PI, Investigator, etc.): Evaluator

3) Title of project: Southwest Preparedness and Emergency Response

Learning Center

Type of project (research or training): Training

Funding source: CDC

Start and end dates: September 30, 2010- September 29, 2014

% effort on the project: ~10%

Role (PI, Co-PI, Investigator, etc.): Investigator

4) Title of project: Oklahoma Geriatric Education Center

Type of project (research or training): Training

Funding source: HRSA

**Start and end dates:** July 1, 2010 – June 30, 2015

% effort on the project: ~10%

Role (PI, Co-PI, Investigator, etc.): Investigator

5) Title of project: Oklahoma Public Health Training Center

Type of project (research or training): Training

Funding source: HRSA

Start and end dates: September 30, 2010- September 29, 2015

% effort on the project: ~10%

Role (PI, Co-PI, Investigator, etc.): Investigator

6) Title of project: Oklahoma Healthy Ageing Initiative Planning

Type of project (research or training): Research Funding source: Donald W. Reynolds Foundation

Start and end dates: September 30, 2010- September 29, 2015

% effort on the project: ~10%

Role (PI, Co-PI, Investigator, etc.): Evaluator

7) Title of project: A Surveillance for Deep Vein Thrombosis and Pulmonary

Embolism in a Racially Diverse Population

Type of project (research or training): Research

Funding source: CDC

Start and end dates: April 1, 2012- March 30, 2014

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Investigator

8) Title of project: Determination of Oklahoma American Indian Preferred Smokeless Tobacco Cessation Strategies, Perceived Barriers, Facilitators, and Motivators

Type of project (research or training): Research Funding source: Oklahoma Tobacco Research Center Start and end dates: July 1, 2013- June 30, 2014

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Co-Principal Investigator

9) Title of project: Healthy, Active Native Communities Resource Guide Project

Type of project (research or training): Research

**Funding source:** CDC (American Association of Indian Physicians)

**Start and end dates:** July 1, 2013- June 30, 2014

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Investigator

**10)Title of project:** Data into Action Workshop Project **Type of project (research or training):** Research

**Funding source:** CDC (American Association of Indian Physicians)

Start and end dates: July 1, 2013- June 30, 2014

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Investigator

11)Title of project: Health and Nutrition Project

Type of project (research or training): Research

**Funding source:** CDC (American Association of Indian Physicians)

Start and end dates: July 1, 2013- June 30, 2014

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Investigator

12)Title of project: MIPPA

Type of project (research or training): Research

**Funding source:** Oklahoma Department of Human Services **Start and end dates:** July 1, 2014- September 30, 2014

% effort on the project: ~1%

Role (PI, Co-PI, Investigator, etc.): Investigator

Total percent effort as PI or Co-PI: 5%

#### Carabin

1) Title of project: "EFECAB: Improving pig management to prevent epilepsy in Burkina Faso (1R01NS064901)

Type of project (research or training): Research

Funding source: NINDS and FIC

**Start and end dates:** 5/1/2010 – 4/30/2015 (will request NCE)

% effort on the project: 25%

Role (PI, Co-PI, Investigator, etc.): PI

**2) Title of project:** Understanding the inflammatory processes of neurocysticercosis: a US-India partnership" (R21NS077466)

Type of project (research or training): Research

Funding source: NINDS

**Start and end dates:** 9/1/2011 – 8/31/2015

% effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): PI

 Title of project: "Oklahoma Shared Clinical and Translation Resources" (U54 GM104938)

Type of project (research or training): both

Funding source: NIGMS

Start and end dates: 9/1/2013-8/31/2018

**% effort on the project:** 10% (20% for 3 months) **Role (PI, Co-PI, Investigator, etc.):** Investigator

**4) Title of project:** "Tobacco-Associated Variations in the Urinary Microbiome During Pregnancy"

Type of project (research or training): research

Funding source: Oklahoma Tobacco Research Center (OTRC)

**Start and end dates:** 7/1/2014-6/30/2015

% effort on the project: 3%

Role (PI, Co-PI, Investigator, etc.): Investigator

**5) Title of project:** "Characterizing the reproductive microbiome (the ChaRM Study)"

Type of project (research or training): research

Funding source: Oklahoma Shared Clinical and Translational Resource

Pilot Grants program

Start and end dates: 1/1/2014-12/30/2014

% effort on the project: 0%

Role (PI, Co-PI, Investigator, etc.): investigator

Total percent effort as PI or Co-PI: 35%

## Ding

1) Title of project: Statistical Support for Research
Type of project (research or training): Research
Funding source: Stephenson Cancer Center

Start and end dates: 7/1/12 - Present

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

2) Title of project: Statistical Support for Research Type of project (research or training): Research Funding source: Dean McGee Eye Institute

Start and end dates: 8/1/12 – Present

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

3) Title of project: Active Surveillance for Venous Thromboembolism in a

Racially Diverse Population (PI: Raskob)

Type of project (research or training): Research

Funding source: CDC

**Start and end dates:** 4/1/12 – 3/31/15

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Co-I

**4) Title of project:** SEER-Medicare database mining (PI: Slaton)

Type of project (research or training): Research Funding source: Department of Urology, OUHSC

Start and end dates: 4/1/13 – Present

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

5) Title of project: Young Adult Diabetes Cohort study (PI: Lane)

Type of project (research or training): Research Funding source: Harold Hamm Diabetes Center

**Start and end dates:** 9/1/12 – 8/31/14

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

6) Title of project: Targeting DCLK1 kinase activity in pancreatic cancer (PI:

Houchen)

Type of project (research or training): Research

Funding source: NIH R21

**Start and end dates:** 12/1/14 – 11/30/16

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Co-I

7) Title of project: The Gastrointestinal Stem Cell Response to Injury (PI:

Houchen)

Type of project (research or training): Research

Funding source: VA

**Start and end dates:** 10/1/13 - 9/30/15

% effort on the project: 2%

Role (PI, Co-PI, Investigator, etc.): Co-I

Total percent effort as PI or Co-PI: 0%

#### **Eichner**

1) Title of project: Oklahoma Block Grant Evaluation Type of project (research or training): Contract

Funding source: Oklahoma Department of Mental Health and Substance

Abuse Services (ODMHSAS) funded through SAMHSA **Start and end dates:** July 1, 2014 through June 30, 2015

% effort on the project: 50%

Role (PI, Co-PI, Investigator, etc.): co-PIs: J.E. Eichner and W.E. Moore

Total percent effort as PI or Co-PI: 50%

#### Garwe

1) Title of project: NIH Grant: Oklahoma Shared Clinical and Translational

Resources (OSCTR). NIH/NIGMS, 1 U54

Type of project (research or training): training

Funding source: NIH/NIGMS, 1 U54 GM104938-01A1

**Start and end dates:** 10/01/2014 –06/30/2018

% effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): Faculty Epidemiologist

Total percent effort as PI or Co-PI: N/A

2) Title of project: Nutritional Risk Factors Associated with Complications in

Geriatric Patients with Severe Injuries.

**Type of project:** research **Funding source:** OUHSC VPR

**Start and end dates:** 3/1/2013 - 12/31/2014 **% effort on the project:** 20% (in kind) **Role (PI, Co-PI, Investigator, etc.):** PI

3) Title of project: Research Design and Analysis Support

**Type of project:** Various Research Projects **Funding source:** Department of Surgery

Start and end dates: 10/1/2010-present - MOU with Surgery

% effort on the project: 50%

Role (PI, Co-PI, Investigator, etc.): Variable roles, and include study design, designing data collection instruments, data analysis, manuscript writing and review, IRB application reviews, Surgery Research Resident mentoring, and GRA supervision.

In 2014, the following projects in the Department of Surgery were supported.

- 1. Dr Robert Letton, Association between pre-hospital intravenous fluid resuscitation and mortality in severely injured pediatric trauma patients
- 2. Dr William Havron, Assessment of the utility of prehospital transfer computed tomography in trauma patients
- 3. Dr Jason Lees, Management of Destructive Bowel Injuries: Primary vs Delayed Repair
- 4. Dr Jason Lees, Impact of adding a fellow on pediatric resident case load
- 5. Dr Jason Lees, Relationship between psoas muscle size and mortality
- 6. Dr Roxie Albrecht, Retrievable IVC filter retrieval rates before and after implementation of an institutional protocol
- 7. Dr Roxie Albrecht, Ventral Hernia Grade: Association with non-sso in-hospital complications.
- 8. Dr Dunn, Comparison of Imaging Modalities in Cancer Patients
- 9. Dr Roxie Albrecht, Once- versus Thrice- Weekly Wound VAC Changes: A Randomized Trial.
- 10. Dr Letton, Gastroschisis Study
- 11. Dr Algan (Orthopedic Surgery)- Comparison of Outcomes for Men and Women Sustaining Polytrauma
- 12. Dr Lees, Epidemiology of Trauma Mortality Resulting from Withdrawal of Care in the Intensive Care Unit Setting
- 13. Dr Peyton, Blunt cardiac trauma
- 14. Dr Lees, Self-reported improvement in medical student's clinical skills after surgical clerkship.
- 15. Dr O'hare, Laparoscopic Versus Open Appendectomy, A Retrospective Analysis
- 16. Dr Peyton, A retrospective review of endovascular repair for traumatic aortic transections and the burden of long term follow-up
- 17. Dr Albrecht, Abdominal Aortic and Iliac injury in Blunt Trauma
- 18. Dr Sawan, National trends in rhytidectomy (facelift) and associated complications
- 19. Dr Albrecht, Medical Use Evaluation of Relistor in Trauma Patients

# Total percent effort as PI or Co-PI: 20%

# Lee

1) Title of project: CVD in American Indians Study and Data Management

Center and OK Field Center (The Strong Heart Study Phase VI)

Type of project (research or training): Research

Funding source: NHLBI/NIH

**Start and end dates:** 6/1/13 – 5/31/18

% effort on the project: 40%

Role (PI, Co-PI, or Investigator, etc.): PI

Other faculty members (% effort) on the grant are: Tauquer Ali (80%), Wenyu Wang (90%), Fawn Yeh (100%), Ying Zhang (15%), and Jeunliang Yeh (17%).

2) Title of project: Cerebrovascular Disease in American Indians: Prevalence,

Manifestation and Risk

Type of project (research or training): Research

Funding source: NHLBI/NIH

Start and end dates: 8/15/09 - 8/14/14

% effort on the project: 10%

Role (PI, co-PI, or Investigator, etc): Investigator

3) Title of project: Privacy-Preserving Shared Access to Computing on

Sensitive Data: A Feasibility Study

Type of project (research or training): Research

Funding source: UCSD/NIH

**Starting and end dates:** 1/1/14- 12/31/14

% effort on the project: 2.5% Role (PI, Co-PI, or Investigator): PI

Other faculty members (% effort) on the grant are: Wenyu Wang (10%), Ying

Zhang (10%) and Fawn Yeh (2.5%).

**4) Title of project:** Innovative multigenerational household intervention to reduce stroke and CVD risk. Working title: Family intervention in the spirit of motivational interviewing (FITSMI)

Type of project (research or training): Research

Funding source: NHLBI/NIH

**Starting and end dates:** 5/5/14 - 4/30/2018

% effort on the project: 2%

Role (PI, Co-PI, or Investigator): Investigator

Total percent effort as PI or Co-PI: 40% Total percent effort on grants: 54.5%

## Mushtag

1) Title of project: Determination of Oklahoma American Indian Preferred Smokeless Tobacco Cessation Strategies, Perceived Barriers, Facilitators, and Motivators

Type of project (research or training): Research Funding source: Oklahoma Tobacco Research Center Start and end dates: September 1, 2013 – June 30, 2014

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Co-Investigator

2) Title of project: Statistical and Epidemiologic Services Related to Tobacco

Prevention Activities

Type of project (research or training): Research

Funding source: Oklahoma State Department of Health

Start and end dates: January 1, 2014 - September 30, 2015

% effort on the project: 20% (January 1, 2014 – September 30, 2014)

10% (October 1, 2014 – September 30, 2015)

Role (PI, Co-PI, Investigator, etc.): Investigator

Total percent effort as PI or Co-PI: %

## Peck

1) Title of project: Oklahoma Shared Clinical and Translational Resources (OSCTR) –Biostatistics, Epidemiology, and Research Design (BERD) Core Type of project: Consultative and collaborative research support and

training

**Funding source:** National Institute of General Medical Sciences **Start and end dates:** September 01, 2013 – August 31, 2018

% effort on project: 20%

Role (PI, Co-PI, Investigator, etc.): BERD Core Member

2) Title of project: Tobacco-Associated Variations in the Urinary Microbiome

**During Pregnancy** 

Type of project: Research

**Funding source:** Oklahoma Tobacco Research Center (OTRC)

**Start and end dates:** July 01, 2014 – June 30, 2015

% effort on project: 5%

Role (PI, Co-PI, Investigator, etc.): PI

3) Title of project: Characterizing the Reproductive Microbiome: The ChaSM

Study

Type of project: Research

Funding source: OSCTR Pilot Project

Start and end dates: December 2013 - November, 2014

% effort on project: 10% contributed

Role (PI, Co-PI, Investigator, etc.): Co-Investigator/Mentor

Total percent effort as PI or Co-PI: 5% as PI

#### Stoner

1) Title: Oklahoma Shared Clinical and Translational Resources

**Type:** Research/Training

Funding source: NIGMS/NIH. James (PI) Start and end dates: 09/01/2013 - 06/30/2018

% effort on the project: 25% FTE

**Role**: Director, Biostatistics, Epidemiology and Research Design Key

Component Activity; Member, Education, Training, Mentoring Key Component

Activity

2) Title: Lipoproteins and PEDF and the Vascular Complications of Diabetes

Type: Research

Funding source: ADA. Lyons (PI)

**Start and end dates:** 07/01/2012 – 06/30/2015

% effort on the project: 8% FTE

Role: Co-investigator

3) Title: Oklahoma IDeA Network of Biomedical Research Excellence

Type: Research

Funding source: NIH (NCRR). Akins (PI) Start and end dates: 10/01/2011 – 9/30/2014

**% effort on the project:** 8% FTE **Role**: Mentor, Co-investigator

4) Title: Stroke and Coated-Platelets – A Translational Research Initiative

**Type:** Research

**Funding source:** VA Merit Grant. Prodan (PI) **Start and end dates:** 04/01/2011 – 03/31/2015

% effort on the project: 5% FTE

**Role**: Co-investigator

5) Title: Epidemiology and Diagnosis of Gestational Diabetes in a Minority

Population

**Type:** Research

Funding source: OCAST. Azar (PI)

Start and end dates: 08/01/2011 – 7/31/2014 % effort on the project: 5% in-kind effort

Role: Statistician

**6) Title:** Utilizing the Theory of Planned Behavior in the Promotion of Mammography Screening Among an American Indian Population

**Type:** Research

Funding source: Peggy and Charles Stephenson Cancer Center at the

University of Oklahoma; Komen Foundation. Tolma (PI)

**Start and end dates:** 9/1/12 - 8/30/2014

**% effort on the project:** 3% effort

Role: Statistician

7) Title: Biostatistics and Epidemiology Research Design and Analysis Support

for the College of Medicine

**Type:** Research

Funding source: OUHSC College of Medicine MOU

**Start and end dates:** 01/01/2011 – 6/30/14 with annual renewal **% effort on the project:** 5% effort (total BSE RDAC MOU: \$80,000)

Role: Faculty biostatistician

8) Title: Biostatistics and Epidemiology Research Design and Analysis Support

for the Department of Orthopedic Surgery

**Type:** Research

**Funding source:** OUHSC Department of Orthopedic Surgery MOU **Start and end dates:** 10/01/2012 – 6/30/14 with annual renewal

% effort on the project: 10% effort

Role: Faculty biostatistician

9) Title: Comparison of outcomes for men and women sustaining polytrauma

**Type:** Research

Funding source: Ruth Jackson Orthopaedic Society

PI: Sheila Algan, MD

Start and end dates: 7/1/13-6/30/14 % effort on the project: 5% in-kind effort

Role: Co-investigator

10) Title: Intermittent vs. Continuous Anticoagulation the Rapy in patiEnts with

Arial Fibrillation – a pilot study (iCARE-AF pilot study)

**Type:** Research

Funding source: American Heart Association

PI: Stavros Stavrakis, MD

Start and end dates: 7/1/13-6/30/14 % effort on the project: 2% in-kind effort

Role: Co-investigator

**11 Title:** Roles of microRNA in central nervous system infection

**Type:** Research

Funding source: OUHSC VPR Clinical and Translational Research Grant

**PI:** Doug Drevets, MD

Start and end dates: 7/1/13-6/30/14 % effort on the project: 2% in-kind effort

Role: Co-investigator

**12) Title:** Nutritional risk factors associated with in-hospital complications in

geriatric patients with severe injuries

**Type:** Research

Funding source: OUHSC Vice President for Research Seed Grant

PI: Tabitha Garwe. PhD

Start and end dates: 3/1/13-2/28/14 % effort on the project: 2% in-kind effort

Role: Mentor

13) Title: High-dose, mass practice intervention to reduce ADL disability in

dementia

Type: Research

Funding source: Alzheimer's Association

PI: Carrie Ciro, PhD

Start and end dates: 10/1/14-9/30/16 **% effort on the project:** 2% in-kind effort

Role: Co-investigator

**14) Title:** Diabetes bowel prep for colonoscopy

**Type:** Research

Funding source: VA VISN 16
PI: Mohammad Madhoun, MD, MS
Start and end dates: 10/1/14-9/30/16
% effort on the project: 2% in-kind effort

Role: Co-investigator

Total percent effort as PI or Director: 25%

Total percent effort funded by grants or contracts: 64% Additional in-kind effort contributed to grants: 23%

#### Terrell

1) Title of project: "Research Supplements to Promote Diversity in Health-Related Research", parent grant Oklahoma-UT Southwestern Hemostasis Consortium, a Core Clinical Center of the NHLBI Transfusion

Medicine/Hemostasis Clinical Research Network **Type of project (research or training):** Research

Funding source: NIH NHLBI

Start and end dates: 9/01/2013-8/31/2014

% effort on the project: 75%

Role (PI, Co-PI, Investigator, etc.): Young Investigator

2) Title of project: Epidemiologic Support for the Center for Learning and

Leadership

Type of project: Research

Funding source: Center for Learning and Leadership

Start and end dates: 2011-2014 % effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): Co-Investigator

3) Title of project: Oklahoma Shared Clinical and Translational Resources: Clinical Research Education, Mentoring, and Career Development Core

Type of project: Research/Training

Funding source: NIH/NIGMS
Start and end dates: 2013-present

% effort on the project: 5%, then increased to 10%

**Role (PI, Co-PI, Investigator, etc.):** Associate Director of the Translation of Practice into Research Program, a component of the Clinical Research Education, Mentoring, and Career Development Core

**4) Title of project:** Oklahoma Shared Clinical and Translational Resources: Clinical Research Education, Mentoring, and Career Development Core

Type of project: Research/Training Funding source: NIH/NIGMS
Start and end dates: 2014-present % effort on the project: 15%

Role (PI, Co-PI, Investigator, etc.): Co-Director of the Summer Research

Training Program, a component of the Clinical Research Education,

Mentoring, and Career Development Core

5) Title of project: The Oklahoma Thrombotic Thrombocytopenic Purpura

Registry

Type of project: Research

Funding source: MOU James George Start and end dates: 2014-present

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Provide epidemiological support

Total percent effort as PI or Co-PI: currently 25%

# Thompson

1) Title of project: Connected Kids ABA Research Project

Type of project: Research

Funding source: Oklahoma Autism Network, Department of Rehabilitation

Sciences

**Start and end dates:** 7/29/2013 – 6/30/2014

% effort on the project:

Role (PI, Co-PI, Investigator, etc.): PI

2) Title of project: Professional services agreement between Integris Baptist

Medical Center and SEPRT for Hand surgery fellowship program

Type of project: Research/Training

Funding source: INTEGRIS Baptist Medical Center Start and end dates: March 1-2014 to February 28, 2015

% effort on the project:

Role (PI, Co-PI, Investigator, etc.):

3) Title of project: Memorandum of Understanding with BSE-RDAC

Type of project: Research/Training

Funding source: Department of Pediatrics, OUHSC

Start and end dates:

% effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): consulting biostatistician

4) Title of project: Memorandum of Understanding with BSE-RDAC

Type of project: Research/Training

Funding source: Department of Neurology, OUHSC

Start and end dates:

% effort on the project: 16%

Role (PI, Co-PI, Investigator, etc.): consulting biostatistician

5) Title of project: Oklahoma Shared Clinical and Translational Resources

(OSCTR)

Type of project: Training Funding source: NIH/NCRR

**Start and end dates:** 09/01/2013 – 06/30/2018

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Director, Training Unit

**6) Title of project:** Communication Intervention for Adolescent Immunizations:

Cluster Randomized Trial **Type of project:** Research

Funding source: Health Resources and Services Administration, Maternal

Child Health Bureau

**Start and end dates:** 2/1/2011-1/31/2014

% effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

7) Title of project: National PRAMS Data: Prevalence and Risk Factors for

Postpartum Depression **Type of project:** Research

Funding source: Health Resources and Services Administration

**Start and end dates:** 2/1/2011 to 1/31/2014

% effort on the project:

Role (PI, Co-PI, Investigator, etc.): Co-Investigator

8) Title of project: National PRAMS Data: Prevalence and Risk Factors for

Postpartum Depression **Type of project:** Research **Funding source:** NIH/NIMHD

Start and end dates: 6/1/2012-5/31/2017

% effort on the project: .05%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

Total percent effort as PI or Co-PI:

# Vesely

1) Title of project: "Oklahoma-UT Southwestern Hemostasis Consortium", a Core Clinical Center of the NHLBI Transfusion Medicine/Hemostasis Clinical Research Network –Research

Type of project (research or training): research

Funding source: NIH-NHLBI

Start and end dates: October 1, 2007 – September 30, 2014

% effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): Co-investigator

2) Title of project: Power through Choices 2010: Evaluation

Type of project (research or training): research

**Funding source:** Administration for Children and Families **Start and end dates:** December 1, 2010 – September 30, 2015

% effort on the project: 10-25%

Role (PI, Co-PI, Investigator, etc.): Co-investigator – Biostatistician

3) Title of project: Stephenson Cancer Center Biostatistics Core

Type of project (research or training): research Funding source: Stephenson Cancer Center

Start and end dates: July 1, 2012 - until MOU cancelled

% effort on the project: 25%

Role (PI, Co-PI, Investigator, etc.): Director – Biostatistician

4) Title of project: Oklahoma Shared Clinical and Translational Resources

Type of project (research or training): research/training

Funding source: NIH-NIGMS

Start and end dates: September 1, 2013 – August 31, 2018

% effort on the project: 18-20%

Role (PI, Co-PI, Investigator, etc.): Translating Practice Into Research

(TPIR) Director

Total percent effort as PI or Co-PI: 0%

# Wendelboe

 Title of project: Population-based Surveillance for Deep Vein Thrombosis and Pulmonary Embolism

Type of project (research or training): Research

Funding source: CDC

**Start and end dates:** 4/1/12 – 3/31/15 **% effort on the project:** 15%-45%

Role (PI, Co-PI, Investigator, etc.): Co-PI

**2) Title of project:** Epidemiologic Analysis of Healthcare-related data for the VA Office of Public Health Surveillance and Research

Type of project (research or training): Research

Funding source: VA

**Start and end dates:** 9/1/14 – 9/31/17

% effort on the project: 30%

Role (PI, Co-PI, Investigator, etc.): PI/contract

3) Title of project: Oklahoma Health Information Exchange Trust

Type of project (research or training): Research

Funding source: Oklahoma Health Information Exchange Trust

**Start and end dates:** 7/1/13 – 1/31/14

% effort on the project: 10%

Role (PI, Co-PI, Investigator, etc.): Investigator

4) Title of project: Southwest Preparedness and Emergency Response

Learning Center

Type of project (research or training): Training

Funding source: CDC

**Start and end dates:** 9/30/10 – 9/29/15

% effort on the project: 5%-25%

Role (PI, Co-PI, Investigator, etc.): Investigator

5) Title of project: Southwest Public Health Training Center

Type of project (research or training): Training

Funding source: HRSA

**Start and end dates:** 9/01/10 – 8/31/14

% effort on the project: 5%-25%

Role (PI, Co-PI, Investigator, etc.): Investigator

6) Title of project: Regen's Ebola Informatics Project

Type of project (research or training): Research and Training

Funding source: DOD?

Start and end dates: 10/01/14-06/30/15

% effort on the project: \$2000

Role (PI, Co-PI, Investigator, etc.): Awardee

Total percent effort as PI or Co-PI: 65%-95%

# Zhang

1) Title of project: The Strong Heart Study (SHS): Cardiovascular Disease in American Indians (Phase 6)

Type of project (research or training): Research

Funding source: National Heart, Lung, and Blood Institute, NIH

**Start and end dates:** July 1, 2013 – June 30, 2018

% effort on the project: 15%

Role (PI, Co-PI, Investigator, etc.): Investigator

2) Title of project: Privacy-Preserving Shared Access to Computing on

Sensitive Data: A Feasibility Study

Type of project (research or training): Research

Funding source: National Heart, Lung, and Blood Institute, NIH

Start and end dates: January, 2014 – February, 2015

% effort on the project: 10 %

Role (PI, Co-PI, Investigator, etc.): Investigator

3) Title of project: Lipoproteins and PEDF in the Vascular Complications of

Diabetes

Type of project (research or training): Research Funding source: American Diabetes Association Start and end dates: July 1, 2012 – June 30, 2015

% effort on the project: 10 %

Role (PI, Co-PI, Investigator, etc.): Statistician

4) Title of project: Young Adult Diabetes Care Study

Type of project (research or training): Research

Funding source: Harold Hamm Diabetes Center, Oklahoma

Start and end dates:

% effort on the project: 15 %

Role (PI, Co-PI, Investigator, etc.): Statistician

Total percent effort as PI or Co-PI: %

#### Zhao

Title of project: Cancer Center Biostat Core Service
 Type of project (research or training): Research
 Funding source: Stephenson Cancer Center

Start and end dates: 1/1/2013-12/30/2013 (annually renewable)

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Associate Director, Biostatistician

2) Title of project: Oklahoma IDeA Network of Biomedical Research

Excellence (OK-INBRE)

Type of project (research or training): Research

Funding source: NIH

**Start and end dates:** 05/01/2014 – 10/31/2016

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

3) Title of project: Implementing a Sustainable Model for Delivery of

Preventive Services in Rural Counties

Type of project (research or training): Research

Funding source: AHRQ

**Start and end dates:** 04/01/2014 – 03/31/2016

% effort on the project: 5%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

4) Title of project: Anti-Migration Therapy for Prevention and Treatment of

**Breast Tumor** 

Type of project (research or training): Research

Funding source: NIH/NCI

**Start and end dates:** 04/01/2012 – 03/31/2016

% effort on the project: 3%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

5) Title of project: Oklahoma Shared Clinical and Translational Resources

(OSCTR)

Type of project (research or training): Research

Funding source: NIH/NCRR

**Start and end dates:** 09/01/2013 – 06/30/2018

% effort on the project: 20%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

6) Title of project: SHetA2 Sensitization of Ovarian Cancer To DR5 Agonists

Type of project (research or training): Research

Funding source: Bridge Grant

Start and end dates: 10/01/2014-09/30/2015

% effort on the project: .04%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

7) Title of project: Improvement of Neoadjuvant Therapy for Breast Cancer

Type of project (research or training): Research

Funding source: Oklahoma Center for the Advancement of Science and

Technology (OCAST)

**Start and end dates:** 10/01/2014 – 09/30/2017

% effort on the project: 2.5%

Role (PI, Co-PI, Investigator, etc.): Biostatistician

8) Title of project: Use of Diphenhydramine as an Adjunctive Sedative for

Colonoscopy in Patients Chronically on Opioids

Type of project (research or training): Research

Funding source:

**Start and end dates:** 07/01/2014 – 06/31/2016

% effort on the project:

Role (PI, Co-PI, Investigator, etc.): Biostatistician

9) Title of project: Targeting exosome-mediated intercommunication in breast cancer progression

Type of project (research or training): Research Funding source: OCAST Health Research Program

Start and end dates: 07/01/2014-06/30/2017

% effort on the project:

Role (PI, Co-PI, Investigator, etc.): Biostatistician

Total percent effort as PI or Co-PI: %

# F. Research and Training Proposals Submitted

Listing of all proposals submitted by faculty member

## Anderson

1) Title of research proposal: Microbiome data analysis using novel Bayesian classifiers for high dimensional data

Type of project (research or training): Research

Funding source: INBRE Present status: No

Peer-reviewed? Yes If so, score?

2) Title of research proposal: Characterizing the Reproductive Microbiome

Type of project (research or training): Research

Funding source: OSCTR Present status: Awarded

Peer-reviewed? Yes If so, score?

3) Title of research proposal: Tobacco-Associated Variations in the Urinary

Microbiome During Pregnancy

Type of project (research or training): Research

Funding source: OTRC Present status: Awarded

Peer-reviewed? Yes If so, score?

4) Title of research proposal: Comparison of Amikacin Pharmacokinetics in

Neonates pre and post a Dosing Protocol Change **Type of project (research or training):** Research **Funding source:** Pediatric Pharmacy Advocacy Group

Present status: Awarded

Peer-reviewed? If so, score?

5) Title of research proposal: Use of Serum MicroRNA profiles to diagnose

Tuberculosis

Type of project (research or training): Research

Funding source: NIH/NIAID

Present status: Not Awarded Peer-reviewed? If so, score?

6) Title of research proposal: Epigenetic Silencing in Friedreich Ataxia

Type of project (research or training): Research

Funding source: NIH R01
Present status: Not Awarded
Peer-reviewed? If so, score?

7) Title of research proposal: Improving the error rate using ESI-MS technology for distinguishing sera of stage I/II lung cancer patients from that of controls

Type of project (research or training): Research

Funding source: VA

Present status: Not Awarded Peer-reviewed? If so, score?

#### **Beebe**

1) Title of research proposal: Examination of First and Second Generation Ecigarettes (Wagener, PI; Beebe, Co-I and Mentor)

Type of project (research or training): Research

Funding source: NIH/NCI 1 R01 CA194158
Present status: Waiting Council Review

Peer-reviewed? Yes If so, score? 28 (response to RFA, new investigator,

no percentile)

2) Title of research proposal: Evaluating Alternative Methods to Eliminate Secondhand Smoke Exposure to Youth (Wagener, PI; Beebe, Co-I and Mentor)

Type of project (research or training): Research Funding source: NIH/NIMHD, 1 R01 HD079987 Present status: Revise and resubmit February 2015 Peer-reviewed? Yes If so, score? 27/21<sup>st</sup> percentile

3) Title of research proposal: From TTP Patient to TTP Survivor: Supporting

the Transition (Terrell, PI; Beebe, Co-Mentor)

Type of project (research or training): Training and Research

Funding source: NIH/NHLBI, 1 K01 HL125538

**Present status:** Revise and resubmit **Peer-reviewed?** Yes **If so, score?** 46

#### Carabin

1) Title of research proposal: Center of Microbiome Engagement and Research (CoMER)

Type of project (research or training): Research

Funding source: NIH/ NCRR / Centers of Biomedical Research Excellence

(CoBRE)

Present status: Not funded

**Peer-reviewed?** If so, score? Yes, not scored

2) Title of research proposal: Cystic Echinococcosis in West and Central

Africa from a Multi-Disciplinary "One Health" Perspective

Type of project (research or training): research

Funding source: NIAID
Present status: Not Funded

**Peer-reviewed? If so, score?** Yes, score 45

3) Title of research proposal: Community-based Programs to test and cure

hepatitis C

Type of project (research or training): research

Funding source: CDC
Present status: Not funded

**Peer-reviewed?** If so, score? Yes, approved but not recommended for

funding

4) Title of research proposal: Hepatitis C in Native Oklahoma: optimizing care

and setting a path towards elimination of disease and disparity

Type of project (research or training): research

Funding source: CDC Foundation Present status: Pending Review Peer-reviewed? If so. score?

5) Title of research proposal: Risk and impact of swine to human

transmission of influenza from show pigs in Texas

Type of project (research or training): research

Funding source: National Pork Board

Present status: Pending review Peer-reviewed? If so, score?

6) Title of research proposal: Blood Microbiome and Central Nervous System

Disease in Burkina Faso

Type of project (research or training): research Funding source: Presbyterian Health Foundation

Present status: Not Funded Peer-reviewed? If so, score?

7) Title of research proposal: The human ecology of roaming dogs

Type of project (research or training): research

Funding source: NSF

Present status: Pending review Peer-reviewed? If so, score?

8) Title of research proposal: Lutte contre la cysticercose porcine pour une amélioration de la santé au Burkina Faso

Type of project (research or training): research

Funding source: Tropical and Disease Research (TDR) of WHO

Present status: Not funded

Peer-reviewed? If so, score? Yes, not scored

9) Title of research proposal: Cysticercosis Network of Sub-Saharan Africa

Type of project (research or training): both

Funding source: German Federal Ministry of Education and Research

Present status: Pending review Peer-reviewed? If so, score?

**10)Title of research proposal:** Estimating the Spatial Distribution of epilepsy and severe chronic headaches and Associated Environmental Factors in Burkina Faso

Type of project (research or training): both

Funding source: NINDS F31 grant (student Ida Shalu at Brown University)

Present status: Pending review Peer-reviewed? If so, score?

**11)Title of research proposal:** Estimating the Spatial Distribution of epilepsy and severe chronic headaches and Associated Environmental Factors in Burkina Faso

Type of project (research or training): training

Funding source: NINDS
Present status: Not Funded

**Peer-reviewed? If so, score?** No (internal review)

## Ding

1) Title of research proposal: The role of DCLK1 in the initiation of pancreatic ductal adenocarcinoma (PI: Houchen)

Type of project (research or training): Research

Funding source: NIH R01

**Present status:** Pending (received a good score)

Peer-reviewed? If so, score?

2) Title of research proposal: Development of ADC to target tumor stem cells

in colorectal cancer (PI: Houchen)

Type of project (research or training): Research

Funding source: NIH-SBIR

**Present status:** Pending (received a good score)

Peer-reviewed? If so, score?

**3) Title of research proposal:** Georgetown University Center for Radiation Countermeasures (PI: Houchen)

Type of project (research or training): Research

Funding source: NIH-U19
Present status: Pending

Peer-reviewed? If so, score?

4) Title of research proposal: TNF alpha inhibition and colon cancer

chemoprevention (PI: Houchen)

Type of project (research or training): Research

Funding source: Johnson and Johnson

Present status: Pending

Peer-reviewed? If so, score?

**5) Title of research proposal:** OMEGA-XI fatty acids as a radiation counter

measure (PI: Houchen)

Type of project (research or training): Research

Funding source: NIH
Present status: Not funded
Peer-reviewed? If so, score?

**6) Title of research proposal:** MICU1 and drug resistance (PI: Mukherjee)

Type of project (research or training): Research

Funding source: NIH R21 Present status: Pending

Peer-reviewed? If so, score?

7) Title of research proposal: Regulation of ovarian tumor growth and drug

resistance by CBS (PI: Mukherjee)

Type of project (research or training): Research

Funding source: NIH NCI R01
Present status: Not funded
Peer-reviewed? If so, score?

8) Title of research proposal: Bmi-1 regulates platin induced acquired

resistance in ovarian cancer (PI: Bhattacharya) **Type of project (research or training):** Research

Funding source: NIH R21

**Present status:** Pending (resubmission)

Peer-reviewed? If so, score?

9) Title of research proposal: Molecular Mechanism of Pancreatic Cancer-

induced Cachexia (PI: Li)

Type of project (research or training): Research

Funding source: NIH NCI Present status: Pending

Peer-reviewed? If so, score?

10) Title of research proposal: Quantitative Image Biomarkers for Evaluating Drug Treatment Response of Ovarian Cancer Patients (Pls: Zheng and

McMeekin)

Type of project (research or training): Research

Funding source: NIH-NCI U01

Present status: Pending (resubmission)

Peer-reviewed? If so, score?

11) Title of research proposal: Urinary immune cell function and metabolism as predictors of response to intravesical BCG therapy for nonmuscle-invasive bladder cancer (PI: Slaton)

Type of project (research or training): Research

Funding source: SCC Present status: Pending

Peer-reviewed? If so, score?

**12) Title of research proposal:** Identification and validation of biomarkers to enhance the early detection of lung cancer (Pls: Deb and Ramesh)

Type of project (research or training): Research

Funding source: SCC Present status: Pending

Peer-reviewed? If so, score?

13) Title of research proposal: Effects of cancer chemotherapy on ecologically-

relevant executive-function indices (PI: Espinoza-Varas)

Type of project (research or training): Research

Funding source: NCI R21 Present status: Not funded

Peer-reviewed? Yes If so, score?

#### Garwe

1) Title of research proposal: Under-triage in the elderly trauma patient: An argument for a tailored criteria

Type of project (research or training): research

Funding sources: OSCTR/PHF

Present status: Not funded/not eligible Peer-reviewed? If so, score? 4/n/a

## Lee

1. **Title:** Rhythm and timing exercises for cerebrovascular disease in American

**Research or Training:** Research Funding Source: NINDS/NIH Present Status: Pending

Peer-reviewed? Yes If so, score? results pending

# Mushtaq

1) Title of research proposal: Adverse Childhood Experiences and Tobacco

Dependence

Type of project: Research

Funding source: Oklahoma Tobacco Research Center

Present status: Not funded

Peer-reviewed:

2) Title of research proposal: Adverse Childhood Experiences and Tobacco

Dependence

Type of project: Research

Funding source: Presbyterian Health Foundation

Present status: Not funded

Peer-reviewed:

## Peck

1) Title of research proposal: Tobacco-Associated Variations in the Urinary

Microbiome During Pregnancy

Type of project (research or training): Research Funding source: Oklahoma Tobacco Research Center

Present status: Funded

Peer-reviewed? Yes If so, score? scoring not reported

2) Title of research proposal: The Microbiome During Pregnancy: Associated

**Exposures and Perinatal Outcomes** 

Type of project (research or training): Research

Funding source: Oklahoma -IDeA Network for Biomedical Research

Excellence (INBRE) - Promising Junior Investigator Award

Present status: Not Funded

Peer-reviewed? Yes If so, score? 55

3) Title of research proposal: Lipid Concentrations and Fecundability in

Couples Undergoing Intrauterine Insemination

Type of project (research or training): Research

Funding source Presbyterian Health Foundation Seed Grant

Present status: Not Funded

Peer-reviewed? Yes If so, score? 7.5

4) Title of research proposal: Pregnancy and Platelets

Type of project (research or training): Jessica Reese's Dissertation

Research

Funding source Linda D. Cowan, PhD., Doctoral Dissertation Research

Award

Present status: Funded

Peer-reviewed? Yes If so, score?

## Stoner

1) Title of research proposal: Biostatistics and Epidemiology Research and

Evaluation Survey Call Center Equipment Grant (Stoner, PI)

Type of project (research or training): Research Funding source: Presbyterian Health Foundation

Present status: Not Funded.

**Peer-reviewed?** Yes **If so, score?** 4.0 (of 1-9 scale)

**2) Title of research proposal:** Testing the efficacy of the Placemat Strength Training Program among adults with diabetes in rural Oklahoma (Tolma, Pl)

Type of project (research or training): Research Funding source: Harold Hamm Diabetes Center

Present status: Under Review

3) Title of research proposal: Intervention to Prevent Youth Drug and Alcohol

Use and Related Risk Behaviors (Oman, PI)

Type of project (research or training): Research

Funding source: NIH R34
Present status: Under Review

4) Title of research proposal: Prevention of Youth Risk Behaviors: A Youth

Development Approach Research Strategy (Oman, PI) **Type of project (research or training):** Research

Funding source: NIH R01
Present status: Not funded

Peer-reviewed? Yes If so, score? 65

5) Title of research proposal: Stroke and Coated-Platelets: A Translational

Research Initiative (Prodan, PI)

Type of project (research or training): Research

Funding source: VA Merit Award

Present status: Not funded

Peer-reviewed? Yes If so, score? 183

6) Title of research proposal: Lipid Concentrations and Fecundability in

Couples Undergoing Intrauterine Insemination (Peck, PI)

Type of project (research or training): Research Funding source: Presbyterian Health Foundation

Present status: Not funded

Peer-reviewed? Yes If so, score? 7.5 (out of 1 to 9)

7) Title of research proposal: Disseminating and Implementing PCOR through

the Oklahoma Primary Healthcare Extension System (Mold/Duffy, PI)

Type of project (research or training): Research

Funding source: NIH R18 Present status: Funded

Peer-reviewed? Yes If so, score? 38

8) Title of research proposal: High-dose, mass practice intervention to reduce

ADL disability in dementia (Ciro, PI)

Type of project (research or training): Research

Funding source: Alzheimer's Association

Present status: Funded

Peer-reviewed? Yes If so, score?

9) Title of research proposal: High-dose, mass practice intervention to reduce

ADL disability in dementia (Ciro, PI)

Type of project (research or training): Research

Funding source: NIH R03
Present status: Not Funded

Peer-reviewed? Yes If so, score?

## **Terrell**

1) Title of research proposal: From TTP Patient to TTP Survivor:

Supporting the Transition

Type of project (research or training): Training-K01

Funding source: NIH-NHLBI Present status: not funded

Peer-reviewed? yes If so, score? 46

2) Title of project: From TTP Patient to TTP Survivor: Supporting the

Transition, Phase I

Type of project: research
Funding source: OSCTR pilot
Present status: not funded

Peer reviewed: yes If so, score?

3) Title of project: From TTP Patient to TTP Survivor: Supporting the

Transition, Phase I

Type of project: research

Funding source: Presbyterian Health Foundation

Present status: not funded

Peer reviewed: yes If so, score?

## Thompson

1) Title of research proposal: Diagnosis and Treatment of headaches in

school age children in primary care

Type of project (research or training): Research Funding source: NIH Small research grant program

Present status:

Peer-reviewed? If so, score?

**2) Title of research proposal:** Text Messages for HPV Vaccination: A Race Against Time

Type of project (research or training): Research

Funding source: HRSA, Maternal and Child Health Research Program

Present status: pending review Peer-reviewed? If so, score?

3) Title of research proposal: In-patient stroke alert study

Type of project (research or training): Research

Funding source:

Present status: submitted to IRB October 31, 2014

Peer-reviewed? If so, score?

4) Title of research proposal: Improving the Diagnosis & Management of Migraine Headache in Adolescents: A Project from the Oklahoma Child Health Research Network (OCHRN) and South Carolina Pediatric Practice Research Network (SCPPRN)

Type of project (research or training): Research

Funding source: Pfizer

Present status: pending review Peer-reviewed? If so, score?

5) Title of research proposal: Changing Office Systems and Using Text

Messages to Improve Adolescent Vaccination research **Type of project (research or training):** Research

Funding source: Pfizer

Present status: pending review Peer-reviewed? If so, score?

6) Title of research proposal: Physician Recommendation to Improve

Adolescent Immunization research

Type of project (research or training): Research

Funding source: Pfizer

Present status: pending review Peer-reviewed? If so, score?

7) Title of research proposal: Correlating Body Composition in the Neonatal Intensive Care Unit (NICU) with Phenobarbital or Anti-Factor Xa (Enoxaparin) Levels

Type of project (research or training): Research

Funding source: Present status:

Peer-reviewed? If so, score?

8) Title of research proposal: Vaping Aerosol Characterization and Lung

**Deposition Modeling** 

Type of project (research or training): Research

Funding source: Tobacco Control Regulatory Research (RO1)

Present status:

Peer-reviewed? If so, score?

9) Title of research proposal: Childhood Obesity Prevalence in the Cherokee

Nation WIC Program

Type of project (research or training): Research

Funding source: Present status:

Peer-reviewed? If so, score?

**10) Title of research proposal:** "Adipocytokines: Impact on arterial compliance in permal weight and above young adults."

in normal weight and obese young adults."

Type of project (research or training): Research

Funding source: K23 award

**Present status:** 

Peer-reviewed? If so, score?

# Vesely

1) Title of research proposal: Enzyme Prodrug Therapy to the Tumor Vasculature for Elimination of Breast Cancer with Minimal Side Effects

Type of project (research or training): Research

Funding source: DOD

Present status: not funded

Peer-reviewed? If so, score?

2) Title of research proposal: Elucidating the biology of graft failure in

hematopoietic stem cell transplantation

Type of project (research or training): Research

Funding source: NIH
Present status: not funded
Peer-reviewed? If so, score?

# Wendelboe

1) Title of research proposal: Population-based Surveillance for Deep Vein Thrombosis and Pulmonary Embolism (This was a renewal proposal for a third year of funding)

Type of project (research or training): Research/surveillance

Funding source: CDC Present status: Funded

Peer-reviewed? No If so, score? NA

2) Title of research proposal: Assessing West African Communities'

Knowledge, Attitudes, and Response to Ebola Virus Disease

Type of project (research or training): Research

Funding source: USAID

Present status: Rejected

Peer-reviewed? Yes If so, score? NA

## Zhao

1) Title of research proposal: Examination of First and Second Generation E-

cigarettes

Type of project (research or training): Research

Funding source: NCI

Present status: Under review Peer-reviewed? No If so, score?

2) Title of research proposal: The Effects of Active and Passive Smoking on

Epithelial Stem Cell Function Queimado

Type of project (research or training): Research

Funding source: OCASCR
Present status: Under review
Peer-reviewed? No If so, score?

3) Title of research proposal: Molecular mechanisms leading to the

development of alcohol-associated oral cancer **Type of project (research or training):** Research

Funding source: NCI

Present status: Under review Peer-reviewed? No If so, score?

4) Title of research proposal: Concomitant Medications and the Efficacy of

Therapy in Women with Breast Cancer

Type of project (research or training): Research

Funding source: NCI

Present status: not funded

Peer-reviewed? Yes If so, score? 2.1

Title of research proposal: Novel Serum Biomarkers for Breast Cancer

Type of project (research or training): Research

Funding source: SCC Translational Research/Precision Medicine Fund

Present status: not funded

Peer-reviewed? Yes If so, score?

6) Title of research proposal: Targeting HPV Consequences in a Cervical

Cancer Clinical Trial

Type of project (research or training): Research

Funding source: NCI
Present status: not funded

Peer-reviewed? Yes If so, score?

7) Title of research proposal: Ovarian Cancer Investigator-Initiated Research

Award

Type of project (research or training): Research

Funding source: DOD Present status: not funded

Peer-reviewed? Yes If so, score?

8) Title of research proposal: Dysregulation of Lipid Metabolism by HZE ion-

induced Oxidative Stress

Type of project (research or training): Research

Funding source: NIH
Present status: not funded

Peer-reviewed? Yes If so, score?

9) Title of research proposal: RD3-regulation in neuroblastoma progression to

high-risk metastatic disease

Type of project (research or training): Research

Funding source: NIH
Present status: not funded

Peer-reviewed? Yes If so, score?

# IV. Service SUMMARY OF FACULTY SERVICE ACCOMPLISHMENTS

Service activities represent ways in which BSE presents the Department, College and University to the outside community. They are important in and of themselves because they provide assistance to community and professional organizations. They also influence the reputation of our programs. Both of these goals are served admirably by BSE faculty. It is because of faculty that the department has a national, and in some cases international, reputation for excellence in epidemiology and biostatistics. BSE faculty represent the COPH in some of the most important national and international venues, including the World Health Organization, the National Institutes of Health, the Association of Schools of Public Health, the Centers for Disease Control and Prevention, the Institute of Medicine and the National Research Council. BSE faculty also assists local community and professional organizations. They often serve major leadership roles in these activities.

# A. National/International Service

Listing of all service by faculty member

## Anderson

• Reviewer for The American Statistician

#### **Beebe**

- Peer Reviewer, NIH Special Emphasis Panel, Short Courses on Innovative Methodologies in the Behavioral and Social Sciences
- Reviewer, Nicotine and Tobacco Research journal
- Member, North American Quitline Consortium (NAQC) Research Agenda Workgroup
- Member, NAQC/NQDW Evaluation Workgroup
- Member, NAQC QuitConnect Focus Group
- Member, SRNT, Tobacco-Related Health Disparities Network

# Campbell

- Cherokee Nation Comprehensive Cancer Committee Evaluation Subcommittee
- Evaluation SPIG Public Health Training Centers
- Reviewer of the Interventions for Health Promotion And Disease
- Prevention In Native American Populations (R01) NIH Special Emphasis Panel for PAR 11-348, ZRG 1 HDM-V 51(R)
- Reviewer NIH Societal and Ethical Issues in Research Reviewers PA13-302
- Ad Hoc Reviewer American Journal of Public Health
- Ad Hoc Reviewer American Journal of Preventive Medicine

## Carabin

- Mail reviewer for the Emergency Interdisciplinary Research Program.
   University of the Philippines.
- Mail reviewer for the UK Biotechnology and Biological Sciences Research Council
- Meeting session co-Chair: Session Cestodes. 63rd American Society for Tropical Medicine and Hygiene Meeting. New Orleans, LA. November 2014.
- Deputy Editor (since Sep 2014). PLoS Neglected Tropical Diseases
- Associate Editor. PLoS Neglected Tropical Diseases
- Associate Editor. Infectious Disease of Poverty
- Reviewer, PLoS One (3)
- Reviewer, PLoS NTDs (2)
- Reviewer, International Journal of Parasitology (1)
- Reviewer, International Journal of Infectious Diseases (1)
- Reviewer, International Health (2)
- Reviewer, Canadian Journal of Public Health (1)
- Reviewer, Tropical Medicine and International Health (2)
- Reviewer, Parasites and Vectors (2)

# Ding

Reviewed 1 paper for Statistics in Biopharmaceutical Research

## **Eichner**

- Reviewer for Loan Repayment Program applications for the National Institute for Minority Health and Health Disparities (NIH), March 24-26, 2014 (Panel 1)
- Reviewer for Loan Repayment Program applications for National Institute for Minority Health and Health Disparities (NIH), April 7-9, 2014
- Peer reviewer for CDC's journal Preventing Chronic Disease

## Garwe

## Reviewer:

- Journal of Trauma and Acute Care Surgery
- Journal of Clinical Nursing
- American Journal of Surgery

## Lee

- Observational Studies Monitoring Board, MESA, NHLBI/NIH.
- Referee for the journal Circulation: Arrhythmia and Electrophysiology.

#### Mushtag

- Guest Editor, Biomed Research International, Special issue "Tobacco and Health Disparities"
- Editorial Board Member, International Journal of Statistics in Medical Research

#### Reviewer:

- Nicotine and Tobacco Research
- Swiss Journal of Psychology
- Journal of Addictive Behaviors Therapy & Rehabilitation
- International Health
- American journal of Preventive Medicine

#### Peck

- Grant reviewer for the King Abdulaziz City for Science and Technology (KACST), the national science agency of Saudi Arabia, via the Research Competitiveness Program at the American Association for the Advancement of Science (AAAS). September 2014
- National Institutes of Health, National Institute of Child Health and Human Development, Study Section for Scientific Review of Research Contract Proposal (NIH-NICHD-DIPHAR-2014-18) "Upstate KIDS CVD Follow-up Support Contract", July 2014.
- National Institutes of Health, National Institute of Child Health and Human Development (NICHD) Loan Repayment Project (LRP) Reviewer, 2014.
- Abstract Reviewer for Society for Pediatric and Perinatal Epidemologic Research 2014 Meeting (March 2014)
- Abstract Reviewer for 2014 CityMatCH Leadership and MCH Epidemiology Conference (March 2014)

Ad-hoc Reviewer for Peer Reviewed Journals:

- Environmental Research
- Toxicological & Environmental Chemistry
- Maternal and Child Health Journal
- Environmental Health Perspectives
- International Life Sciences Institute North America, Scientific Advisor for the Caffeine Working Group 2013-2015

#### Stoner

- Statistician and Executive Secretary, Data and Safety Monitoring Committee, "Prostaglandin Inhibition for Emphysema", NIH/NHLBI Grant (1UM1HL112958-01A1), PI: Stephen Rennard, MD, University of Nebraska Medical Center, 2013-present
- Member, Scientific and Ethics Advisory Committee for the Veterans Affairs Rheumatoid Arthritis Registry, University of Nebraska Medical Center, Omaha, NE and the U.S. Department of Veterans Affairs, 2005-present
- Ad-hoc manuscript reviewer:
  - Circulation
  - Journal of Clinical Oncology
  - o BMJ Open Access
- Reviewer, NIH NIDCR, Small Research Grants for Data Analysis and Statistical Methodology (R03)

- Special Emphasis Panel/Scientific Review Group 2015/01 ZDE1 JR (19) 2 meeting, scheduled for 10/10/2014-10/10/2014
- Special Emphasis Panel/Scientific Review Group 2014/10 ZDE1 JR (14) 1 meeting, scheduled for 06/17/2014-06/17/2014.
- Special Emphasis Panel/Scientific Review Group 2014/05 ZDE1 JR (29) 2 meeting, scheduled for 02/10/2014-02/10/2014.
- Reviewer, NIH NIDCR, Oral, Dental and Craniofacial Sciences Study Section
  - Special Emphasis Panel/Scientific Review Group 2015/01 ZDE1 SM (17) meeting, scheduled for 10/21/2014-10/21/2014.
  - Special Emphasis Panel/Scientific Review Group 2014/10 ODCS meeting, scheduled for 06/11/2014-06/11/2014.

## Terrell

- Member, Committee on Promoting Diversity, American Society for Hematology (ASH)
- Co-Chair, American Society for Hematology Committee on Promoting Diversity Doctoral Students working group
- Reviewer, Minority Graduate Student Abstract Achievement Award (MGSAAA), 56<sup>th</sup> American Society of Hematology annual meeting (6 applications)
- Grant Reviewer, Clinical Trials Planning Studies for Rare Thrombotic and Hemostatic Disorders, National Institutes of Health, 2014

# Thompson

Manuscript Reviewer for

- Archives of Physical Medicine and Rehabilitation,
- Physical Therapy
- Neurology

## Vesely

- Faculty, Summer Workshop of the American Society of Hematology's Clinical Research Training Institute, San Diego, August 2014
- Reviewer, American Society of Hematology's Clinical Research Training Institute Applications, Washington DC, May 2014
- Ad Hoc Member of Clinical and Integrative Cardiovascular Science (CSIS) NHLBI NIH Study Section, June 2014
- Reviewer, NIH-NHLBI Program Project Grant Study Section, May 2014
- Reviewer, NIH-NHLBI Ancillary Studies in Clinical Trials Study Section, April 2014

## Wendelboe

- World Thrombosis Day Steering Committee
- Epidemiology: Open Access Editorial Board Member
- Peer Reviewer for Journals
- Vaccine
- Royal Society for Public Health

- Epidemiology and Infection
- Expert Review of Vaccines
- European Journal of Pediatrics

## Zhang

- Serve as the chair of the Strong Heart Study Publication and Presentation Committee (P&P): organizing monthly paper proposal review and approval; obtaining Oklahoma tribal and Indian Health Service IRB approvals for SHS manuscripts and presentations.
- Serve as a member of the Strong Heart Study Steering Committee.

Peer reviewer for Journals:

- Communications in Statistics-Theory and Methods
- BMC Nephrology

# Zhao

Associate Editor for Statistics in Biopharmaceutical Research

# Referee manuscripts for

- BJOG: An International Journal of Obstetrics & Gynaecology
- Journal of Clinical Oncology
- Journal of Urology
- Statistics in Biopharmaceutical Research
- Communications in statistics
- Journal of pharmaceutical statistics

# B. Community/State Service

Listing of all service by faculty member

## Beebe

- Member, OSDH Preventive Health and Health Services Block Grant Advisory Committee
- Expert Panel Participant, CDC Oklahoma Site Visit to explore surveillance of electronic cigarettes

## Campbell

- Oklahoma Public Health Association (OPHA) Gerontology Section Chair & Board Member
- Region 9 GMap Steering Committee

## **Eichner**

- Evidence Based Practices Workgroup for ODMHSAS
- State Epidemiologic Outcomes Workgroup for ODMHSAS
- Epidemiological and statistical service to 17 regions of Oklahoma

## Stoner

 Consultant, Oklahoma State Department of Health, Acute Disease Service, 2013-present.

# **Thompson**

- Presentation to AP Statistics class (Mr. Tom Kindinger (<u>tkindinger@hotmail.com</u>) at Harding Charter Prep, Oklahoma City, Monday, May 5, 2014
- PRAMS/TOTS Steering Committee, Oklahoma State Dept. of Health (October 2008 to present)

#### Wendelboe

• EIS Officer Secondary Supervisor

## Zhang

- Serve as a biostatistician (ad hoc) in the Oklahoma Shared Clinical and Translational Resources (OSCTR) and helped with preparation of grant applications.
- Serve as a method mentor for a Translating Practice into Research (TPIR) participant in OSCTR.

# C. University of Oklahoma Health Sciences Center Service

Listing of all service by faculty member

## Anderson

- Judge for Graduate Research Education And Technology Conference (GREAT)
- VPR Grant Review Board
- Neonatal Section Grant Review Board
- Judge for College of Allied Health Research Day

#### Beebe

- Member, Presidential Professorship Awards Committee
- Ad Hoc Member, Scientific Review Committee, Stephenson Cancer Center
- Table Sponsor, OU College of Medicine Evening of Excellence
- Mentor, SCC Summer Undergraduate Research Program student, Kristen Damphousse
- Co-Mentor, College of Medicine Student Research Project, Sean Tankut
- Presenter, College of Medicine Student Interest Group on Tobacco
- Member, College of Pharmacy Faculty Search Committee
- Chair, SCC/OTRC Faculty Search Committee
- Reviewer, Presbyterian Health Foundation Seed Grants
- Member, Lung Cancer Research Program Development Committee
- Contributor and Co-Facilitator, OTRC monthly Journal Club
- Ad Hoc Consultant to Astrid Rasmussen, MD, PhD, OMRF Sjogren's Syndrome Study, revision of tobacco behavior questions

# Campbell

- Oklahoma Healthy Ageing Initiative (OHAI) Advisory Committee
- Member, University of Oklahoma Cancer Institute
- SCC Cancer Health Disparities Program
- University of Oklahoma Health Science Center, Oklahoma Center for Translations Research (OSCTR) seed grants.
- Adjunct Assistant Professor, Reynolds Department of Geriatric Medicine, The Donald W Reynolds Chair in Geriatric Medicine, The University of Oklahoma Health Sciences Center

#### Carabin

- Presbyterian Health Foundation Review Committee. Review of Seed grants.
- Faculty Appeals review committee
- WATERCenter Core Leadership team member, University of Oklahoma,
- WATERCenter Steering Committee member, University of Oklahoma, Norman.

# Ding

Scientific review committee member

#### Eichner

- Faculty Compensation Committee (Faculty Senate Committee)
- Graduate Faculty Appointments Committee (Faculty Senate Committee)
- Campus-wide Tenure and Promotion Committee

#### Garwe

- Graduate Council Research Committee Member
- Student Affairs Committee Member

# Mushtaq

 Advisor, International Student Organization, University of Oklahoma Health Sciences Center, Oklahoma City, OK

#### Peck

- University of Oklahoma College of Arts & Sciences Leadership Scholars Mentoring Program. Serving as Mentor for Leadership Scholar Kristin Damphousse.
- Internal reviewer for Allied Health Program, August 2014
- GREAT Symposium Faculty Representative 2014
- Graduate Council Member 2013-2016
- Graduate College Student Appeals Board, College of Public Health Representative, 2011-2014, 2014-2017

#### Stoner

- Liaison to the Graduate College Dean, Master in Clinical and Translational Science degree program, University of Oklahoma Health Sciences Center, Oklahoma City, OK, 2008-present
- Chair, Master in Clinical and Translational Science Degree Program Advisory Committee, University of Oklahoma Health Sciences Center, Oklahoma City, OK, 2008-present
- Chair, Master in Clinical and Translational Science Degree Program Executive Committee, University of Oklahoma Health Sciences Center, Oklahoma City, OK, 2008-present
- Member, Oklahoma Center for Neuroscience Board/Executive Committee, OUHSC, 2012-present
- Reviewer, Presbyterian Health Foundation Seed Grants, July 2014, OUHSC.

#### Terrell

Grant Reviewer, Neonatal-Perinatal Medicine Research Funds, 2014

## Thompson

- OUHSC Institutional Animal Care and Use Committee (IACUC) appointed 8-4-2011 by John landolo, Vice President for Research, OUHSC
- OUHSC Faculty Appeals Board, appointed by Provost, July 2010 through June 2014.
- OUHSC Institutional Biosafety Committee (ad hoc member)
  - Appointed by Provost Ferretti, Jan. 19, 2006
  - o Appointment renewed May 21, 2010
- Poster judge, Pediatric Research Day, Department of Pediatrics, College of Medicine, OUHSC May 16, 2014
- Graduate College, GREAT Symposium judge. Wednesday, April 2, 2014 (Clinical Poster) 2:00PM to 4:00PM

## Vesely

- Member, Competency Development Sub-committee of the Executive Committee for the Masters in Clinical and Translational Sciences Program OUHSC
- Member, Executive Committee for the Masters in Clinical and Translational Sciences Program OUHSC
- Member, Outstanding Dissertation and Thesis Committee, Graduate College, OUHSC
- Member, Presidential Professorship Committee, Faculty-at-Large, OUHSC 2014-2016

## Wendelboe

- Ebola Preparedness Task Force
- OUMC Infection Control Committee member

## **Zhang**

 Served as a member on the PhD general exam committee for Eunsun Park (PhD candidate in the College of Allied Health, Speech Pathology)

## Zhao

- Academic program council
- Grant review for OSCTR Pilot grants
- Scientific Review Committee, Stephenson Cancer Center

# D. College Service

Listing of all service by faculty member

## Anderson

- Student Scholarship Awards Committee
- Faculty Board By-laws Committee

#### **Beebe**

- Graduate Council Representative, 2011-2016
- CPH Exam Preparation, Epidemiology Committee

# Campbell

DrPH admission committee

## Carabin

AAA committee

## Ding

- Elections committee member
- Served as a committee member for 1 academic misconduct hearing

#### Lee

- Member, AAA (Academic Admissions and Advisement) Committee
- Chair, College of Public Health ad hoc Tenure and Promotion Committee

## Mushtaq

- Member, Academic Appeals Board (College of Public Health)
- Member, Scholarship and Awards Committee (OU School of Community Medicine)

#### Peck

- COPH Academic Appeals Board 2013 1016
- COPH Promotion & Tenure Committee, BSE Member 2013-2015
- COPH Promotion & Tenure Committee, Chair 2014

## Stoner

Member, Mentoring Working Group, College of Public Health, OUHSC

## Terrell

- AAA committee, 2012-2014
- College Awards Committee, 2014-2016

# **Thompson**

 Academic Programs Committee (APC), standing committee of the COPH Faculty Board.

## Vesely

Assistant Dean, Academic Affairs

## Wendelboe

Faculty Board - Secretary

# E. Department

Listing of all service by faculty member

## Anderson

- Biostatistics Qualifying Exam Committee
- OU Math Student Recruitment Liaison

## **Beebe**

- Chair, Tenure and Promotion Committee
- Mentor, Dr. Dee Terrell K01 application
- Co-Coordinator, Advanced Epidemiology Methods Comprehensive Exam

## Carabin

- Admissions' Committee
- Search committee for 2 epidemiology faculty positions

# Ding

Biostatistics faculty search committee

## Garwe

- PhD (Epidemiology) Exam Committee, 2014 (Advanced Exam Development and Grading)
- Ad hoc Committee Minimum Teaching Requirements for PhD Students

## Lee

Member, Tenure and Promotion Committee

## Peck

- Epidemiology Comprehensive Examination Grading Committee
- Epi Search Committee Chair Fall 2014
- BSE Chair's Advisory Committee

#### Terrell

- BSE Doctoral Examination Committee
- Biostatistics and Epidemiology, Epidemiology tenure-track search committee, 2014

# **Thompson**

 BSE Student Association (BSESA), Faculty Sponsor, September 2006present

## Vesely

- BSE Doctoral Examination Committee
- BSE Coordinator Biostatistical Methods Exam (General and Qualifying)
- BSE Advisor to the Chair
- BSE Biostatistics Faculty Search Committee, Chair

#### Wendelboe

Advisor to the Chair

# Zhang

Serve in the BSE RDAC as a biostatistician.

# Zhao

Student admission review committee

# F. Administrative Duties

Listing of all administrative duties by faculty member

#### Beebe

- Deputy Director for Tobacco Research, Stephenson Cancer Center
- Co-Director, Oklahoma Tobacco Research Center

# **Eichner**

 My administrative duties revolve around the ODMHSAS contract. The state is divided into 17 areas or regions, and I keep in contact with all of them and the Central Office with respect to issues related to Oklahoma's Block Grant. I have a conference call with the Central Office every other week and regular communication with all 17 regions through visits, phone and email.

## Lee

• Director, Center for American Indian Health Research

## Stoner

- Director, Biostatistics and Epidemiology Research Design and Analysis Center (BSE RDAC), Department of Biostatistics and Epidemiology, College of Public Health, University of Oklahoma Health Sciences Center, 2008present
- Chair, Department of Biostatistics and Epidemiology, College of Public Health, University of Oklahoma Health Sciences Center, 2011-present

# Vesely

• Assistant Dean, Academic Affairs

## Zhao

• Associated Director, Biostat Core, Stephenson Cancer Center

# V. Honors and Awards SUMMARY OF FACULTY HONORS AND AWARDS

A number of BSE faculty were recognized with awards and honors in 2014, including winning a major campus award for research. In addition, the department already includes 2 George Lynn Cross Professors, 2 Presidential Professors, and recipients of numerous OUHSC awards for outstanding research and teaching.

# Listing of all honors and awards by faculty member **Carabin**

Became Adjunct Faculty of Epidemiology at Brown University.

# Ding

Outstanding Faculty Award in Research or Scholarly Achievement,
 Department of Biostatistics and Epidemiology, College of Public Health,
 University of Oklahoma Health Sciences Center, 2014

## Garwe

 Outstanding Faculty Award For Teaching and Mentoring, Department of Biostatistics and Epidemiology, College of Public Health, OUHSC

## Terrell

Delta Omega Honorary Society, Xi Chapter, 2014

## Vesely

Dean's Master Teaching Award, CPH, OUHSC, 2014

## **Zhanq**

 I was recognized as one of the two inaugural OSCTR Scholars from the OUHSC Faculty Leadership Program, Class 2014. A small amount of funding was awarded to support my research activity in 2014.

# VI. PPP Activities

# Anderson

- College of Allied Health Consulting
- MedStudy Honorarium
- Society for Pediatric Sedation Couloures project

## **Peck**

 International Life Sciences Institute – North America, Scientific Advisor for the Caffeine Working Group

## VII. Professional Enrichment

Courses, conferences, continuing education, etc. attended

## Anderson

- ASA Joint Statistical Meetings Boston, MA Aug 1-7.
- 39<sup>th</sup> Annual GREAT Symposium April 2-April 4.
- Pediatric Academic Society (PAS) Annual Conference Vancouver, CA May 2-6.
- College of Allied Health Research Day April 11.
- Department of Pediatrics Research Day May 16.
- Conference for Pediatric Sedation Charleston, SC May 20-22.
- Pediatric Fellows Research Symposium March 6.

#### Beebe

- Society for Research in Nicotine and Tobacco
- Organized participation in numerous tobacco-related research webinars for staff and students

#### **Boeckman**

 Kansas-Western Missouri Chapter, American Statistical Association Short Course and Symposium 2014, Kansas City, KS

## Campbell

- Oklahoma Public Health Association Annual Conference May 8-9, 2014, Norman, OK
- Association of American Indian Physicians 42<sup>st</sup> Annual Conference, July 31, 2013 - August 4, 2012, Albuquerque, NM
- Association of American Indian Physicians Cross Cultural Medicine, April 23-24, 2014 – Santa Fe, NM.
- National Tribal Public Health Summit March 31-April 2, 2014, Billings, MT
- Methods and Measures NTACC e-Learning Webinar, 1/16/2014
- Regression analysis for evaluation: practical considerations Jeff Wasbes, 2/6/2013
- Embracing paper free evaluation: Applications for tablet based data collection
   Caren Oberg, 2/20/2014
- Doing it virtually: Online tools for managing multisite evaluation Audery Rorrer, 2/27/2014
- Design NEXT LEVEL presentations: so they listen, get it, and love it., 3/13/2014
- Epidemiology: The Basic Science of Public Health Coursera, 4/7/2014
- Methods and Measures NTACC e-Learning Webinar, 5/22/2014
- Big Data? Manage Video, 7/15/2014

### Carabin

- American Society of Tropical Medicine and Hygiene annual meeting
- BRAIN grantees annual meeting (10<sup>th</sup> year celebration)

## Ding

 I attended a short course titled "Missing data methods for regression modeling" at the Joint Statistical Meeting, Boston MA

#### **Eichner**

- Occasional attendance at Medical Grand Rounds
- Overview of Public Health Policy Evaluation sponsored by OSHD and ODMHSAS, Francis Tuttle Conference Center, September 9, 2014
- College seminars

#### Garwe

 Writing and Reviewing for the Journal II: Critical Skills (Journal of Trauma and Acute Care Surgery) at the 73rd Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery, September 10-13, 2014, Philadelphia, PA

## Mushtaq

 Attended the 20<sup>th</sup> Annual Meeting of Society for Research on Nicotine and Tobacco in Seattle, Washington

#### Peck

- Special Ed Tech Tuesdays Seminar :Planning Strategies for Distance Learning Stakeholders so Distance Learning Initiatives are Not a Shot in the Dark. Denise Robledo
- NIEHS Arsenic Workshop Webinar Series hosted by the Superfund Research Program – May 6, 7, 22, June 3. Four expert panel discussions focused on the current state of knowledge and data gaps in the field of arsenic environmental health research. Topics included exposure sources and mitigation, remediation, bioavailability, contributions of advanced techniques, and susceptibility.
- BSE Departmental Seminars

## Stoner

- Workshop: Propensity Score Analysis Workshop, November 7 November 8, 2014, Temple University Center City, Philadelphia, Pennsylvania 19103
- Association for Clinical and Translational Science Annual Meeting, 4/9/14-4/11/14, Washington D.C.

## Terrell

- Attended the American Society of Hematology annual meeting in Atlanta, GA December 2014.
- Attended the American Society of Hematology committee on promoting diversity meeting April 2014

# Vesely

American Society of Hematology (ASH) Annual Meeting, San Francisco, CA

#### Wendelboe

American Society of Hematology

## **Zhang**

- Actively participated and involved in the Faculty Leadership Program (FLP) to prepare myself for my role as a teaching professor and future independent investigator. Graduated from FLP in June 12, 2014.
- Attended seminars hosted by BSE in the College of Public Health.
- Attended Public Health Grand Rounds held in the College of Public Health
- Attended the 11<sup>th</sup> Annual Harold Hamm Diabetes Center Research Symposium to seek collaboration and the up-to-date research information.
- Attended the American Diabetes Association 74<sup>th</sup> Scientific Sessions for the up-to-date research information research information and respective statistical methods.

# VIII. BSE DEPARTMENTAL GOALS FOR 2015

# **TEACHING**

The Department will continue to offer high-quality core and elective courses to support the College's MPH, MS, DrPH, and PhD degree programs. These courses also support the training initiatives and programs across the Health Sciences Center campus, including Pharmacy, Allied Health, Medicine, and Clinical and Translational Sciences. Faculty will continue to mentor students in the College's degree programs and will participate in curricular review and development as part of the CEPH reaccreditation self-study.

In addition, the following outlines areas of further growth and development over the next year:

- Implement a peer-teaching evaluation for all faculty members.
- Continue to refine the annual MS and doctoral student review process following major changes that were implemented in 2012.
- Continue to support graduate student development by sponsoring a student travel award through GREAT.
- Offer a doctoral dissertation award in honor of Linda Cowan, PhD.
- Expand course offerings and seminars focused on theoretical biostatistics to support the work of junior biostatistics faculty and students in the biostatistics doctoral degree program
- Refine and continue to offer newly-developed course offerings in the area of clinical epidemiology and survey sampling.
- Develop new workshops and training opportunities for graduate students related to teaching biostatistics and epidemiology and applied, collaborative work.
- Increase graduate student support:
  - Increase the number of teaching assistantships to support recitation sections in BSE 5163 and BSE 5113.
  - Provide mentored teaching opportunities for doctoral students.
- Refine MPH coursework and practicum experience for BSE MPH students through consultation with employers of our MPH students and partnering sites offering MPH practicum experiences
- Increase recruitment of graduate students in the biostatistics and epidemiology graduate programs, particularly the MS and PhD programs
  - Target Oklahoma colleges and universities
  - Target regional colleges and universities (Kansas, Texas, Arkansas)

# RESEARCH

Departmental faculty members have aggressively pursued their research programs and they will continue to do so. Several of our faculty members are over 80% funded. In this difficult funding environment, this was a major accomplishment. In 2015, BSE faculty will maintain their extramural support and expand their publication record. The Department will work with new and junior faculty to develop their research programs by assisting them in identifying funding opportunities and by providing time, where appropriate, for manuscript writing. BSE faculty, particularly through the Research Design and Analysis Center (BSE RDAC) and the Oklahoma Shared Clinical and Translational Resources (OSCTR) NIH-funded program, have continued to expand research support to faculty across the OUHSC campus and region. Program evaluation efforts and outreach to community health partners, in the areas of tobacco cessation and control, Native American health, and health disparities, funded through contracts, have also expanded. We will continue to support these programs in 2015 as best we can with current resources.

In addition, the following outlines areas of further growth and development over the next year:

- Mentor and support junior faculty in their submission of career development and other grant award applications
- Continue and expand the involvement of BSE faculty in the programs of the Stephenson Cancer Center, including the Biostatistics Core (Dr. Vesely, Director) and Tobacco Research (Dr. Beebe, Deputy Director)
- Continue to build capacity in program evaluation and sampling
  - Collaborate on community-based and regional health department evaluation projects
  - Develop and secure additional contracts to support the Sooner Survey Center of the BSE RDAC
  - Develop graduate courses in survey sampling
- Build capacity in evidence-based practice, systematic review and metaanalysis, management and analysis of electronic medical record data, and comparative effectiveness research methods and develop courses/workshops in these areas
- Build capacity in data and safety monitoring activities, including regulatory processes, management of monitoring committees, and independent data review and statistical monitoring. Clinical areas of interest include cardiovascular disease, diabetes, cancer, and infectious diseases.
- Increase collaborative agreements with OUHSC colleges and departments and regional, community partners to support research and training
  - Increase contracts supported through the BSE RDAC

- Increase direct funding of BSE faculty time
- Develop collaborative arrangements with the Harold Hamm Diabetes Center to provide research and training support
- Collaborate to develop/continue to support data registries in areas such as cancer, trauma, and diabetes

# **SERVICE**

Department faculty members provide extensive professional service at the local, regional, national and international levels, often in important leadership roles. It is expected that this will continue. In addition, they devote significant time to serving the local community. These activities reflect favorably on the OU Health Sciences Center and the College of Public Health and contribute to a national reputation for excellence. This reputation in turn affects our ability to attract toptier faculty and students. Thus, faculty service activities are extremely valuable to the College. The Department will promote its junior faculty for service activities where appropriate, particularly those with national exposure such as service on review panels and manuscript reviewing. This goal remains unchanged from 2014.

# **RESOURCES**

The Department greatly appreciates the support it has received in helping to achieve its mission of education, research, and service. In order to meet the demands for our design and analysis expertise, the Department is actively pursuing opportunities to support faculty with modified titles through shared positions with other OUHSC programs and by using grant and contract funds generated by our faculty through the BSE RDAC to hire MS-level personnel for this unit. The RDAC has become the primary source for statistical support on the OUHSC campus and developing novel ways to fund staff positions in the unit will be a continued focus in 2015.

Information technology (IT) support is essential to the work of the BSE Department. IT support has been a challenge in the past due to aging equipment and frequent staff turnover. The BSE Department now relies heavily on the dedicated support of Pravina Kota, MS, Senior Systems Analyst, who is funded through BSE sources. Ms. Kota's support has addressed previous concerns related to IT support.

Barbara Grayson, MS, continues to provide essential administrative support to BSE faculty, staff and students. Her workload continues to grow, but unfortunately, the BSE Department does not currently have sufficient funds to hire a second support staff member. Financial management support is provided

by Deanna Debus and her staff and the Department is very appreciative of their support.

Given the poor fiscal outlook for 2015, as Chair of Biostatistics and Epidemiology, I aim to preserve existing faculty and staff positions, while carefully adding staff positions to support growth and additional demands placed on faculty. Also, it is important to recognize the efforts and hard work of faculty and staff. I will carefully review the budget to determine what supplements can be awarded during FY16 to partially address the disparity in faculty salaries, in particular, the salaries of those faculty who were promoted but whose salary is not at the salary compression-specified level for the academic rank.

Funding from the National Institutes of Health, National Institute of General Medical Sciences, grant 1 U54GM104938 (Judith James, PI) has been extremely helpful for the BSE Department in supporting faculty, staff and student graduate research assistant salary. This program has expanded our work in collaborative research projects with OUHSC investigators as well as investigators at health agencies across the region and has also expanded our training programs. Using a portion of these funds, we will recruit a new biostatistics faculty member in FY16.

In the last two years, three epidemiology faculty members have moved on to other positions (Drs. J. Zhao, C. Shay, and S. Magzamen). These faculty members have not been replaced. We plan to recruit for a new Assistant Professor of Epidemiology in Spring 2015.

Energetic and productive faculty and staff are the heart and soul of the institution and without them, we cannot succeed. The faculty, staff and students are essential to our work. BSE is an active, vibrant, productive, and delightful place in which to work. I look forward to another outstanding year.