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RESEARCH INTERESTS	Computational Statistics; Prediction Error Estimation; Dimension Reduction & Classification; Selection Bias; Multiple Imputation	
ACADEMIC APPOINTMENTS	Professor (Primary)	July 2020 to present
	Department of Biostatistics, Fay W. Boozman College of Public Health	
	Professor (Secondary)	July 2020 to present
	Department of Biostatistics, UAMS College of Medicine	
	Adjunct Faculty	July 2007 to present
	Department of Mathematics, University of Arkansas at Little Rock	
	Graduate Faculty of Biostatistics	July 2007 to present
	UALR/UAMS Graduate Program in Bioinformatics, University of Arkansas at Little Rock	
PAST ACADEMIC APPOINTMENTS	Associate Professor	July 2012 to June 2020
	Department of Biostatistics, Fay W. Boozman College of Public Health	
	Associate Professor (Secondary)	July 2013 to June 2020
	Department of Biostatistics, UAMS College of Medicine	
	Assistant Professor	July 2006 to June 2012
	Department of Biostatistics, Fay W. Boozman College of Public Health	
	Assistant Professor (Secondary)	February 2008 to June 2013
	Department of Biostatistics, UAMS College of Medicine	
EDUCATION	Baylor University , Waco, TX	
	Ph.D., Statistics, 2006	
	<ul style="list-style-type: none">• Thesis Topic: <i>Selected Topics in Statistical Discriminant Analysis</i>• Adviser: Professor Dean M. Young• Area of Study: Multivariate Analysis	
	University of Arkansas , Fayetteville, AR	
	MS, Statistics, 2000	
	University of Arkansas at Little Rock , Little Rock, AR	
	BS, Mathematics, 1998	

ADDITIONAL
TRAINING &
CONTINUING
EDUCATION

- Introduction to Survey Sampling** 2008
1 day short course presented by James Lepkowski, Little Rock, AR
- Introduction to Meta-Analysis** 2009
1 day short course presented by Terry Griffin, Jeffrey N. Jonkman, and Tom D. Stanley, Little Rock, AR
- Sample-Size Analysis in Study Planning: Concepts & Issues** 2010
2 day short course presented by Ralph O'Brien, Little Rock, AR
- Survival Analysis & Logistic Regression** 2013
2 day short course presented by David Hosmer, Little Rock, AR

REFEREED
JOURNAL
PUBLICATIONS

- [1] Yang J, Kim HJ, Heo S, AN M, Park S, **Ounpraseuth S**, Kim J. Factors Associated With Attitudes Toward Advance Directives in Nurses and Comparisons of The Levels Between Emergency Nurses and Palliative Care Nurses. *Japan Journal of Nursing Science*. (accepted 8-1-2022).
- [2] James L, O'Sullivan BP, Majure M, Lang J, **Ounpraseuth S**, Hornik C, Baldner J, Garza M, Prior F, Lee J, Snowden J. Protocol for the Vitamin D Oral Replacement in Asthma (VDORA) study. *Contemporary Clinical Trials*. 2022 Jul 27:106861. doi:10.1016/j.cct.2022.106861. PMID: 35907490
- [3] Matthieu, M. M., **Ounpraseuth, S. T.**, Williams, J. S., Hu, B. Adkins, D. A., Taylor, L. D., Oliver, C. M., Smith, R. M., Painter, J. T., McCullough, J. A., Garner, K. K. . Advancing advance care planning to rural veterans in the veterans health administration. *Military Medicine*. 2022 Jul 8:usac196. doi:10.1093/milmed/usac196. PMID: 35801841
- [4] Pagan M, Magann E, Rabie N, Steelman S, Hu Z, **Ounpraseuth S**. Idiopathic Polyhydramnios and Pregnancy Outcomes: A Systematic Review and Meta-analysis. *Ultrasound in Obstetrics and Gynecology*. 2022 Jun 20. doi:10.1002/uog.24973. PMID: 35723677
- [5] Marshall AS, Stewart MK, Barham CE, **Ounpraseuth S**, Curran G. Facilitators and Barriers to Providing Affirming Care for Transgender Patients in Arkansas Primary Care Practices. *The Journal of Rural Health*. 2022 May 29. doi:10.1111/jrh.12683. PMID: 35644535
- [6] Martinez RN, Mulheam TJ, Brayant-Lees KM, Goodman T, **Ounpraseuth S**, et al. Assessing Work Role Strain, Burnout, and Job Satisfaction Among Remotely Piloted Aircraft Operators: The Moderating Role of Unit Social Support. *Psychology, Health & Medicine*. 2022 May 13:1-14. doi:10.1080/13548506.2022.2075019. PMID: 35549607
- [7] Bhandari NR, Kale HP, Carroll NV, McAdam-Marx C, **Ounpraseuth ST**, Tilford JM, Kamel MH, Kent EE, Payakachat N. Healthcare Costs and Resource Utilization Associated with Renal Cell Carcinoma Among Older Americans: A Longitudinal Case-Control Study Using the SEER-Medicare Data. *Urologic Oncology: Seminars and Original Investigations*. 2022 Jul;40(7):347.e17-347.e27.

doi:10.1016/j.urolonc.2022.04.007. PMID: 35643842

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- [9] Pagan M, Mercier AM, Whitcombe D, **Ounpraseuth S**, Magann EF, Phillips AM. July Effect in Obstetric Outcomes. *International Journal of Women's Health*. 2022 Feb 9;14:149-154.
- [10] Du R, Choi YJ, Lee, JH, Hu Z, **Ounpraseuth S**. A weight Jackknife approach utilizing linear model based-estimators for clustered data. *Comm Stat: Simulation & Computation* (accepted).
- [11] Whittington JR, Shnaekel KL, Ramseyer AM, Cato M, **Ounpraseuth S**, et al. Longitudinal Assessment of Obstetrics and Gynecology Resident Perceptions and Comfort Following Cerclage Placement Simulation. *The Journal of Maternal-Fetal & Neonatal Medicine*. 2022 Jan 2:1-5. doi:10.1080/14767058.2021.2022646. PMID: 34978240
- [12] Woodward E, Willging C, Landes S, Hausmann L, Drummond K, **Ounpraseuth S**, et al. Determining feasibility of incorporating consumer engagement into implementation activities: Study protocol of a hybrid effectiveness-implementation type II pilot. *BMJ Open*. (accepted Dec. 20, 2021).
- [13] Hughes DS, Simmons BM, Magann EF, Wendel MP, Whittington JR, **Ounpraseuth S**. Amniotic Fluid Volume Estimation from 20 Weeks to 40 Weeks. Do you Measure Perpendicular to the Floor or Perpendicular to the Uterine Contour? *International Journal of Women's Health*. 2021 Nov 25;13:1139-1144.
- [14] Bhandari NR, Kamel MH, Kent EE, McAdam-Marx C, **Ounpraseuth ST**, et al. Association of Health-Related Quality of Life on Overall Survival in Older Americans with Kidney Cancer: A Population-Based Cohort Study. *Healthcare*. 2021 Oct 10;9(10):1344. doi:10.3390/healthcare9101344. PMID: 34683025
- [15] Whittington JR, Hughes DS, Rabie NZ, **Ounpraseuth ST**, et al. Detection of Fetal Anomalies by Remotely Directed and Interpreted Ultrasound (Teleultrasound): A Randomized Non-Inferiority Trial. *American Journal of Perinatology*. 2021 Nov 22. doi:10.1055/s-0041-1739352. PMID: 34808687
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 - [15] Ragland D, Jordan M, Willcoxon E, **Ounpraseuth S**, Hughes D, Sandlin A. Hypertensive Disorders of Pregnancy: Evaluating Prescribing Practices in the Postpartum Period. *8th International Diabetes in Pregnancy Symposium Diabetes, Hypertension, Metabolic Syndrome in Pregnancy*. April 15-18, 2015 Berlin, Germany

- [16] Siegel ER, **Ounpraseuth ST**, Kodell RL. Weighted Log-Rank Tests for ‘Flipped-Data’ Survival Analysis of Data with Non-Detects. Poster, *ENAR* 2014, Baltimore.
- [17] Lynch C, Magann FE, Barringer NS, **Ounpraseuth S**, Eastham GD, Lewis DS, Stowe NZ. Pet Therapy Program for Antepartum High Risk Pregnancies: A Pilot Study. *Society for Gynecologic Investigation*, March 28, 2014, Florence, Italy.
- [18] **Ounpraseuth S**, Spencer HJ, Stewart K, Booth B. Doubly Inflated and Truncated Models with Application in Self-Reported Drug Use Among Rural African-American Cocaine Users. *Poster presentation at the Joint Statistical Meetings*, Montreal, Canada. (2013).
- [19] Bronstein JM, Golden W, Nugent RR, **Ounpraseuth S**, Lower CL. Impact of State-Based Practice Guideline Implementation on Care of High Risk Pregnancies in Arkansas. *Academy Health*. Orlando, FL. June 24-26, 2012.
- [20] **Ounpraseuth S**, Gauss CH, Hall RW, Lowery C, Bronstein J. A Cost-Effectiveness Analysis of Extremely Low Birth Weight Infants: Using Multiple Imputation and Propensity Scores. *PAS*. Boston, MA. March 28, 2012.
- [21] **Ounpraseuth S**, Sandlin AT, Spencer HJ, Magann EF. Modeling Amniotic Fluid Volume in Normal Singleton Pregnancies with Quantile Regression. *Society for Gynecologic Investigation*. San Diego, CA. March 21-24, 2012.
- [22] Moore PC and **Ounpraseuth S**. A Continued Effort to Recruit Future Biostatisticians in Arkansas High Schools. *Poster presentation at the Joint Statistical Meetings*, Vancouver, Canada. (2010).
- [23] **Ounpraseuth S**, Booth B, and Stewart K. Respondent-Driven Sampling Implementation in Rural Arkansas: Lessons Learned. *Poster presentation at the Joint Statistical Meetings*, Vancouver, Canada. (2010).
- [24] Wagle-Shukla A, **Ounpraseuth S**, Gray V, Schwankhaus J, Metzger WS. Impact of Nonmotor Symptoms in Parkinson’s Disease on Quality of Life: A Veteran Based Study. *Poster presentation at the 14th International Congress of Parkinson’s Disease and Movement Disorders*. Buenos Aires, Argentina. June, 2010.
- [25] Metzger WS, **Ounpraseuth S**, Gray V, Schwankhaus J, Wagle-Shukla A. Evaluation of Autonomic Dysfunction in Parkinson’s Disease using SCOPA-AUT Scale. *Poster presentation at the 14th International Congress of Parkinson’s Disease and Movement Disorders*. Buenos Aires, Argentina. June, 2010.
- [26] Wagle-Shukla A, **Ounpraseuth S**, Gray V, Schwankhaus J, Metzger WS. Prevalence and Clinical Profile of Micrographia in Parkinson’s Disease. *Poster presentation at the American Academy of Neurology*. Toronto, Canada. April, 2010.
- [27] Stewart KE, **Ounpraseuth S**, Stracener M, Harvey S, Annang L, and Davies S. Preventive Health Behaviors Among Mothers with HIV: Implications for Targeted Education and Intervention. *Poster presentation at the 31st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine*, Seattle, Washington. April, 2010.
- [28] Malik A. and **Ounpraseuth S**. Risk Factors for the Development of Post-Transplant Diabetes Mellitus. *Poster presentation at the American Society of Nephrology*. San Diego, CA. October, 2009.

- [29] Bronstein J, **Ounpraseuth S**, Jonkman J, Fletcher D, Lowery C, McGhee J, and Nugent R. Impact of Expansion of Specialty Consultation Practice on Use of Specialty Care for Medical High-Risk Pregnancies. *Oral paper presentation at the Academy Health Annual Research Meeting*. Chicago 2009.
- [30] Bodhani A, West D, Li C, **Ounpraseuth S**, Pace A. Psychometric Assessment of an Instrument to Measure Patient Satisfaction with Medication Therapy Management Services. *Poster presentation at the ISPOR Annual Meeting*. Orlando, FL. May 16, 2009.
- [31] Bodhani A, West DS, Li C, Pace A, **Ounpraseuth S**. A Description of Medicare Beneficiaries' Experience with MTM Services in Community Pharmacies. *Poster presentation at the 2009 American Pharmacists Association Annual Meeting*. San Antonio, TX. April 4-5, 2009.
- [32] **Ounpraseuth S**, Moore PC. A Synergistic Effort to Recruit Future Biostatisticians. *Poster presentation at the Joint Statistical Meetings*, Denver, CO. (2008).
- [33] Moore PC, **Ounpraseuth S**, Young DM. A Comparison of Multiple and Single Imputation Algorithms for Missing Data in Quadratic Discriminant Function. *Poster presentation at the Joint Statistical Meetings*, Denver, CO. (2008).
- [34] Bronstein J, **Ounpraseuth S**, Lowery C. Use of Obstetric Specialty Consults by High Risk Pregnant Women with Medicaid Coverage. *AcademyHealth's Annual Research Meeting*, Orlando, FL. (2007).
- OTHER
PRESENTATIONS
- [35] Yeary KH, Graetz I, Fagan P, **Ounpraseuth ST**, Turner J. Online vs. in-person community health worker training modalities to deliver the Diabetes Prevention Program to produce weight loss in underserved African American communities. *APHA 2019 Annual Meeting and Expo*. Nov 2-6, Philadelphia, PA, USA.
- [36] **Ounpraseuth S**, Moore PC, Lee J. The Youngest Victims of the Opioid Crisis: Infants with in utero exposure to opioids. *COPH Public Health Seminar*, University of Arkansas for Medical Sciences, September 2018.
- [37] **Ounpraseuth S** and Spencer T. Designing Better Research with B.E.R.D. *TRI Research and Career Development Seminar Series*, University of Arkansas for Medical Sciences, Dec. 1, 2017.
- [38] **Ounpraseuth S**. Cost-Effectiveness Analysis in Observational Studies: Handling Selection Bias and Incomplete Cost Data. *COPH Public Health Seminar*, University of Arkansas for Medical Sciences, March 2015.
- [39] Lynch C, Magann FE, Barringer NS, **Ounpraseuth S**, Lewis DS, Stowe NZ. Pet Therapy Program for Antepartum High Risk Pregnancies: A Pilot Study. *Society for Gynecological Investigation*, 61th Annual Scientific Meeting, Florence, Italy March 2014.
- [40] Yeary K, **Ounpraseuth S**. Religion Social Capital and Health. *Health Research Policy and Health Promotion Conference*, University of Arkansas for Medical Sciences, October 2012.
- [41] **Ounpraseuth S**. Evaluating the Effect of Hospital and Insurance Type on the Risk of 1-Year Mortality of Very Low Birth Weight Infants: Controlling for Selection Bias. *Biostatistics Journal Club seminar*, University of Arkansas for Medical Sciences, April 2012.

- [42] **Ounpraseuth S.** Respondent-Driven Sampling Implementation in Rural Arkansas: Lessons Learned. *Biostatistics Journal Club seminar*, University of Arkansas for Medical Sciences, 03/2010.
- [43] **Ounpraseuth, S.** A Comparison of Several SVD Dimension Reduction Based Biplot Methods. *Bioinformatics Seminar*, University of Arkansas at Little Rock, 2008.
- [44] **Ounpraseuth, S.** Gene Selection Using Suboptimal Transformation Methods. *Biostatistics Journal Club seminar*, University of Arkansas for Medical Sciences, March 2008.
- [45] **Ounpraseuth, S.** A Comparison of Regularization Methods for the Quadratic Discriminant Function. *Biostatistics Journal Club seminar*, University of Arkansas for Medical Sciences, 2006.
- [46] Bowden, RG, B. Lanning, H. Johnston, C. Rasmussen, C. Kerksick, T. Magrans, B. Campbell, J. Baer, A. Thomas, B. Slonaker, E. Pfau, M. Grimstvedt, C. Wilborn, B. Marcello, D. Fogt, L. Taylor, C. Mulligan, D. Rohle, A. Vacanti, **S. Ounpraseuth**, P. Casey, R. Wilson, M. Greenwood, R. Kreider, C. Earnest. Effects of the Curves Fitness & Weight Loss Program VII: Quality of Life. *Federation of American Societies of Experimental Biology Meeting* 2004.
- [47] Lanning, BA, Bowden, RG, H. Johnston, C. Rasmussen, C. Kerksick, T. Magrans, B. Campbell, J. Baer, A. Thomas, B. Slonaker, E. Pfau, M. Grimstvedt, C. Wilborn, B. Marcello, D. Fogt, L. Taylor, C. Mulligan, D. Rohle, A. Vacanti, **S. Ounpraseuth**, P. Casey, R. Wilson, M. Greenwood, R. Kreider, C. Earnest. Effects of the Curves® Fitness & Weight Loss Program VIII: Body Image. *Federation of American Societies of Experimental Biology Meeting* 2004.
- [48] Nassar, EI, Bowden RG, Campbell B, Vacanti T, Kerksick C, Baer J, Roberts M, Marcello B, Thomas A, Taylor L, Wilborn C, Rasmussen C, **Ounpraseuth S**, Casey P, Greenwood M, Wilson R, Kreider R. Effects of arginine alpha-ketoglutarate supplementation on quality of life. *International Society of Sports Nutrition* 2004.

GRANTS AND RESEARCH SUPPORT

ACTIVE

0.3 calendar

Curtis Lowery, MD (PI)

10/01/2006 to present

Evaluation of the ANGELS High Risk Pregnancy Program

- Funding: Arkansas Department of Health and Human Services, contract 7356209
- Role: Biostatistician

ACTIVE

1.20 calendar

Songthip Ounpraseuth, PhD (PI)

10/01/2017 to 10/01/2022

Grant/Contract: IPA with MIRECC

- Funding: Central Arkansas Veterans Healthcare System
- Role: Biostatistician

ACTIVE

3 calendar

Kim Garner, PhD (PI)

01/01/2018 to 09/30/2022

VHA Office of Rural Health Advance Care Planning Group Visits National Initiative

- Funding: Central Arkansas Veterans Healthcare System
- Role: Biostatistician

ACTIVE

2.4 calendar

Lee J, PhD (PI)

10/01/2020 to 9/31/2025

Data Coordinating and Operation Center (DCOC) for the IDeA States Pediatric Clinical Trials Network

- Funding: NIH
- Role: Senior Biostatistician

ACTIVE

2.4 calendar

Leanne Lefler, PhD (PI)

12/01/2019 to 11/30/2022

Innovative Care of Older Adults with Chronic Heart Failure (I-COACH): A Comparative Effectiveness Trial

- Funding: PCORI
- Role: Biostatistician

NOT FUNDED

1.2 calendar

Hari Eswaran, PhD (PI)

Tel-A-Mom: Integrating Socio-Cultural Community Based Education and Telelactation Support to Increase Breastfeeding Rates in African American Pregnant Women

- Funding: PCORI
- Role: Biostatistician

NOT FUNDED

1.2 calendar

Karen Yeary, PhD (PI)

Community Health Worker Training Modalities to Facilitate Scale-Up of a Weight Loss Intervention

- Funding: NIH
- Role: Biostatistician

COMPLETED

0.36 calendar

Hayes T, PhD (PI)

4/01/2016 to 12/30/2020

Reducing depressive symptoms among rural African Americans: REJOICE

- Funding: CBPR
- Role: Biostatistician

COMPLETED

3.0 calendar

Lee J, PhD (PI)

9/23/2016 to 8/31/2020

Data Coordinating and Operation Center (DCOC) for the IDeA States Pediatric Clinical Trials Network

- Funding: NIH
- Role: Senior Biostatistician

COMPLETED

0.60 calendar

Yeary K, PhD (PI) 9/01/2017 to 8/31/2018

THRIVE

- Funding: ABCRP
- Role: Biostatistician

COMPLETED **0.60 calendar**

Karen H Kim-Yeary, PhD (PI) 1/14/2014 to 10/30/2016

Faith-Academic Initiative for Transforming Health (FAITH) in the Delta

- Funding: CBPR
- Role: Biostatistician

COMPLETED **2.40 calendar**

Teresa Hudson, PhD (PI) 10/01/2013 to 10/31/2016

Identifying Quality Indicators for Substance Use Disorders

- Funding: NIDA
- Role: Biostatistician

COMPLETED **1.20 calendar**

RD Landes, PhD (PI) 09/15 to 08/17

R21 CA184756

- Funding: NIH/NCI
- Role: Biostatistician

COMPLETED **1.20 calendar**

Songthip Ounpraseuth, PhD (PI) 9/01/2012 to 8/31/2016

Grant/Contract: IPA

- Funding: Central Arkansas Veterans Healthcare System
- Role: Biostatistician

COMPLETED **0.36 calendar**

Curtis Lowery, MD (PI) 2009 to 2014

Arkansas Center for Clinical & Translational Research

- Funding: NIH/National Center for Research Resources [1UL1RR029884-01]
- Role: Biostatistician

COMPLETED **2.40 calendar**

Katharine Stewart, PhD (PI) 09/20/2007 to 08/31/2013

Reducing Sexual Risk Behaviors Among Rural African-American Cocaine Users

- Funding: NIH/NIDA [1 R01 DA024575-01]
- Role: Co-Investigator (Biostatistician)

COMPLETED **1.20 calendar**

Sue Griffin, PhD (PI) 01/01/2009 to 12/01/2013

Early Events in Alzheimer Pathogenesis

- Funding: NIH [P01AG12411-12A2]
- Role: Co-Investigator (Biostatistician)

COMPLETED

0.60 calendar

Ty Borders, PhD (PI)

8/01/2012 to 6/30/2013

Rural and Urban African American Cocaine Users' Perceived Need for Care

- Funding: NIH/National Institute on Drug Abuse [ARIA: 113586]
- Role: Biostatistician

COMPLETED

Songthip Ounpraseuth, PhD (Co-PI)

1/01/2007 to 12/31/2007

A Synergistic Effort to Recruit Future Biostatisticians in Arkansas High Schools

- Funding: ASA Biometrics Section

COMPLETED

Songthip Ounpraseuth, PhD (Co-PI)

1/01/2009 to 12/31/2009

A Continued Effort to Recruit Future Biostatisticians in Arkansas High Schools

- Funding: ASA Biometrics Section

COMPLETED

0.60 calendar

Ruth Eudy, PhD (PI)

1/01/2011 to 12/31/2013

Arkansas Women's Waiver Evaluation

- Funding: Arkansas DHS and CMS
- Role: Biostatistician

COMPLETED

1.06 calendar

Robert Reis, PhD (PI)

07/01/2006 to 01/31/2008

Metabolic Mechanisms Limiting and Protecting Longevity

- Funding: NIH [P01AG20641-01]
- Role: Biostatistician

COMPLETED

1.20 calendar

C. Hitt, PhD (PI)

09/01/2009 to 06/01/2011

Metabolic Mechanisms Limiting and Protecting Longevity

- Funding: Health Resources & Services Administration [1H2AIT16616-01-00]
- Role: Biostatistician

Naleen Bhandari

PhD Thesis

Fall 2019

- Thesis Title: Burden of Living with Kidney Cancer in Older Americans.
- Committe Member (Chair: Nalin Payakachat)

Ashley Davis

PhD Thesis

Spring 2020

- Thesis Title: The Effects of a Web-Based Mindfulness Meditation on Stress and Depressive Symptoms in Undergraduate Pre-licensure Nursing Students.
- Committe Member (Chair: Pao-Feng Tsai)

Margie Qualls

PhD Thesis

Summer 2020

- Thesis Title: Barriers and facilitators to the use of delirium screening tools in medical-surgical settings: A mixed methods pre-implementation study.
- Committe Member (Chair: Leanne Lefler)

Anand Shewale

PhD Thesis

Fall 2016

- Thesis Title: Comparative effectiveness of Hyaluronic acid injections for delay of total knee replacement among patients with knee osteoarthritis.
- Committe Member (Chair: Bradley Martin)

Mihir Jaiswal

PhD Thesis

Spring 2015

- Thesis Title: Analysis of protein-protein interactions using chemical cross-linking mass spectrometry (CXMS): novel computational approaches.
- Committe Member (Chair: Boris Zybaylov)

Victor Vargas

Masters Thesis

Summer 2013

- Thesis Title: Investigation of the impact of the anthropogenic sources of volatile organic compounds on tropospheric ozone.
- Committe Member (Chair: Ilias Kavouras)

Pratik Doshi

Masters Thesis

Summer 2013

- Thesis Title: Autism-related state policy, racial disparity and outcome changes among children with autism from 2005 to 2010.
- Committe Member (Chair: Nalin Payakachat)

Morgan Conine

Integration Project

Spring 2012

- MPH IPAC Title: Analysis of an emergency response and the lasting effects on the surrounding communities
- Committe Member (Chair: Jay Gandy)

Brooke Montgomery

PhD Thesis

Spring 2011

- Thesis Title: The Role of Religion in Social-Cognitive Models of Sexual Risk Among Rural African American Cocaine Users
- Committe Member (Chair: Katharine Stewart)

Minho Chae

PhD Thesis

Spring 2009

- Thesis Title: Global Metabolite Profiling Using A Multi-Way Decomposition Method
- Committe Member (Chair: Robert Reis)

Amit Bodhani

Masters Thesis

Fall 2008

- Thesis Title: Evaluating Medicare Beneficiaries' Satisfaction with Medication Therapy Management Services in Community Pharmacies
- Committe Member (Chair: Donna West)

TEACHING
EXPERIENCE

University of Arkansas for Medical Sciences, Little Rock, AR

Instructor

2006 to Present

- Biostatistics III (Multivariate Analysis and Linear Models BIOM/PBHL 5033), College of Public Health, Departments of Biostatistics.
- This course is offered annually.

Instructor

2020 to Present

- Biostatistics II (Advanced Linear Models BIOM 5212/BIOM 6212), College of Public Health, Departments of Biostatistics.
- This course is offered annually.

Instructor

2018 to 2019

- Biostatistics Computing with SAS II BIOM 5317, College of Public Health, Departments of Biostatistics.
- Developed portion of the course and co-teach to students with concentration in Biostatistics. This course is offered annually.

Instructor

2007 to 2016

- Statistical Methods for Clinical Trials BIOM 5133/ PBHL 5233, College of Public Health, Departments of Biostatistics.
- Developed portion of the course and co-teach to students with concentration in Biostatistics. This course is offered every other year.

Instructor

2013 to 2014

- Nonparametric Methods PBHL 5313, College of Public Health, Departments of Biostatistics.
- Co-teach to students with concentration in Biostatistics. This course is offered annually.

Instructor

2008

- Biostatistics I (Statistical Methods) BIOM/PBHL 5013, College of Public Health, Departments of Biostatistics.
- This summer course was a collaborative teaching effort with Drs. Moore and Williams.

Guest Lecturer

2007 to 2008

- Introduction to Public Health (PBHL 5003), College of Public Health, Departments of Health Policy and Management.

Guest Lecturer

2009

- Bioinformatics Theory & Applications (BINF 5445), University of Arkansas at Little Rock, UALR/UAMS Department of Bioinformatics.

	<i>Student Mentor</i>	2007 to Present
	<ul style="list-style-type: none"> Grantsmanship and the Peer Review Process (PBHL 9123), College of Public Health, Departments of Health Behavior and Health Education. 	
	University of Arkansas, Fayetteville, AR	
	<i>Instructor</i>	1998 to 2000
	<ul style="list-style-type: none"> College Algebra, Department of Mathematics. This course was offered each Fall and Spring semesters. 	
PROFESSIONAL ACTIVITIES	Biometrics Section, American Statistical Association	
	<i>Publications Officer</i>	2011 to 2012
	National Board of Public Health Examiners (NBPHE) Study Guide Working Group Committee	
	<i>Item Writer</i>	2006 to 2012
	Central Arkansas Regional Science Fair	
	<i>Judge</i>	2007 to 2010
	29th Annual Biomedical Career Day Speaker at Philander Smith College	
	<i>Speaker</i>	2007
PROFESSIONAL SERVICE	Editorial Board of Journals	
	<ul style="list-style-type: none"> Associate Editor, <i>BMC Health Services Research</i>, Section: Healthcare needs and demand 2015 to present Statistical Editor, <i>The American Journal of Drug and Alcohol Abuse</i> 2016 to 2019 <i>Austin Biometrics and Biostatistics</i> 2014 to 2019 <i>SM Journal of Biometrics & Biostatistics</i> 2015 to 2019 	
	Journal Reviewer	
	<ul style="list-style-type: none"> <i>Journal of Rural Health</i> <i>Journal of Statistical Computational and Simulation</i> <i>Pharmacoepidemiology and Drug Safety</i> <i>American Journal of Perinatology</i> <i>American Journal of Occupational Therapy</i> <i>The American Journal of Drug and Alcohol Abuse (Statistical Editor)</i> <i>Journal of Perinatology</i> <i>Journal of Ultrasound in Medicine (Primary Statistical Reviewer)</i> 2015 to present 	
	External Peer Reviewer	
	<ul style="list-style-type: none"> NIH/NCI Challenge Grant Review 2009 Scientific Review Panel of Defense Medical Research and Development Program (DMRDP) for the Department of Defense (DoD) 2010 ASPH/CDC Public Health Fellowship Program Objective Review Panel 2011-2012 HRSA-12-025 (Primary Care Training and Enhancement Interdisciplinary and Interprofessional Joint Graduate Degree Program) 2012 PCORI Phase I Scientific Reviewer 2012 Arkansas Cancer Coalition Scientific and Peer Reviewer 2016 PCORI Merit Scientific Reviewer (Spring) 2017 PCORI Merit Scientific Reviewer (Fall) 2017 PCORI Merit Scientific Reviewer (Spring) 2018 	

- PCORI Merit Scientific Reviewer (Fall) **2018**
- PCORI Merit Scientific Reviewer (Spring) **2019**
- PCORI Merit Scientific Reviewer (Fall) **2019**
- PCORI Merit Scientific Reviewer (Spring) **2020**
- PCORI Merit Scientific Reviewer (Fall) **2020**
- PCORI Merit Scientific Reviewer (Winter) **2020**
- PCORI Merit Scientific Reviewer (Spring) **2021**
- NIDDK Kidney Precision Medicine Project (KPMP) Reviewer **2017**
- NIH/NIDDK NASH CRN U01/U24 Reviewer **2019**
- NIH/NIDDK SDCC Liver Cirrhosis Network U24 Reviewer **2021**
- CEREC (CTSA External Reviewers Exchange Consortium) Reviewer **2019**
- Arkansas Center for Health Disparities Pilot Reviewer **2021**
- Department of Defense (Combat Readiness Medical Research Program (CDMRP)) Reviewer **2020**

UAMS Peer Reviewer

- Arkansas Breast Cancer Research Program (ABCRP) Reviewer **2012**
- TRI Medical Research Endowment (MRE) Awards Reviewer **2012**

UAMS College of Public Health Committee

- DrPH Admissions Committee
- MPH Admissions Committee
- Grievance Hearing Committee
- CER Steering Committee
- ARCHD Recruitment Committee
- CPH Research Committee (2021)

PROFESSIONAL EXPERIENCE

NeuroStat Analytical Solutions, Vienna, VA

Statistical Consultant

2015 to present

Exercise & Sport Nutrition Lab, Baylor University, Waco, TX

Graduate Research Associate

2003 to 2006

CTL Immuno Therapies Corp., Chatsworth, CA

Biostatistician

2000 to 2003

University of Arkansas, Fayetteville, AR

Graduate Teaching Assistant

1998 to 2000

PROFESSIONAL MEMBERSHIPS

American Statistical Association, Member, 2003–present

International Biometric Society, Member, 2006–present

Society for Clinical Trials, Member, 2006–present

The Institute of Mathematical Statistics, Member, 2006–present

International Society for Bayesian Analysis, Member, 2006–present

Central Arkansas Statistical Association, Member, 2006–present

- Vice President, 2009
- President, 2010

SOFTWARE SKILLS SAS; R; S-plus WinBUGS; Mplus; NCSS(PASS) MathCad; Mathematica