

Curriculum Vitae

Date Prepared: November 12, 2025

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Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1998	BSc	Statistics	University of Calcutta, India
2001	MStat	Statistics	University of Florida
2004	PhD	Statistics <i>Topic:</i> Some Contributions to Small Area Estimation <i>Advisor:</i> Distinguished Professor Malay Ghosh	University of Florida

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2004 - 2007	Assistant Professor	Division of Epidemiology and Biostatistics, School of Public Health	University of Illinois, Chicago (UIC)
2008 - 2015	Assistant Adjunct Professor	Translational Science, School of Nursing and Department of Biostatistics, Fielding School of Public Health	University of California, Los Angeles (UCLA)
2015 - 2016	Associate Adjunct Professor	Translational Science, School of Nursing and	University of California, Los Angeles (UCLA)

		Department of Biostatistics, Fielding School of Public Health	
2016 – 2020 (Jan)	Associate Professor	Biostatistics, School of Public Health	University of North Texas Health Science Center (UNTHSC)
2020 (Feb) – 2022 (Aug)	Associate Professor	Division of Biostatistics, Department of Population and Data Sciences	University of Texas Southwestern Medical Center (UTSW)
2022 (Sept) - present	Associate Professor	Peter O’Donnell Jr. School of Public Health	University of Texas Southwestern Medical Center (UTSW)
2022 (Sept) - present	Associate Professor	Center for Depression Research and Clinical Care, Department of Psychiatry	University of Texas Southwestern Medical Center (UTSW)

Other Professional Positions

Year(s)	Position Title	Institution
1999 – 2000	Teaching Assistant	University of Florida
2000 - 2004	Research Assistant	University of Florida
2004 (December)	Visiting Faculty in Statistics	Indian Institute of Management, Joka, India

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
2000	Outstanding Academic Award for International Student	University of Florida
2003	ASA Stat Bowl, Team Champion	American Statistical Association
2018	Excellence in Teaching Award	University of North Texas Health Science Center (UNTHSC)

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
2006	Organizer and Chair of session at Joint Statistical Meeting (held at Maryland)	American Statistical Association
2008	Chair of Invited Session at 7 th World Congress in Probability and Statistics Conference (held in Singapore)	Bernoulli Society and the Institute of Mathematical <i>Statistics</i>
2013	Chair of Invited Session at the Western North American Region Conference (held at Los Angeles)	The International Biometric Society
2022	Chair of Invited Session at the IISA Conference (held at Bengaluru, India)	International Indian Statistical Association (IISA)
2023	Chair of Invited Session at the 7 th (held at Marrakesh, Morocco)	African International Conference (AIC) in Statistics
2024	Chair of Invited Session at the 8 th (held at Tunis, Tunisia)	African International Conference (AIC) in Statistics

Committee Service (*Member, unless noted otherwise*)

Year(s)	Name of Committee	Institution/Organization
<u>University of California, Los Angeles</u>		
2008 - 2016	Faculty Research and Professional Affairs Committee	School of Nursing, UCLA
2008 - 2015	Evaluation Committee	School of Nursing, UCLA
2015 - 2016	Chair, Program Evaluation Committee	School of Nursing, UCLA
2014 - 2016	Faculty Executive Committee	School of Nursing, UCLA
<u>University of North Texas Health Science Center</u>		
2016 - 2019	Inter-professional Committee	School of Public Health, UNTHSC
2018	Chair, Faculty Search Committee	School of Public Health, University of North Texas Health Science Center
2019	Chair, Faculty Achievement Award	School of Public Health, UNTHSC
2019	Faculty Achievement Award	University level (UNTHSC)
2019	Grievance Committee	University level (UNTHSC)
<u>University of Texas Southwestern Medical Center</u>		

2021 - 2024	Member of Data and Safety Monitoring Board (DSMB) for the NIMH-funded Project “Adapted Tele-Behavioral Activation Targeted to Increase Physical Activity in Depression”	National Institute of Mental Health funded (1R34MH122640-01A1) Study Department of Psychiatry, UTSW
2024	Faculty search committee	O’Donnell School of Public Health, UTSW

Professional Societies

Dates	Society Name, member
2002 - present	American Statistical Association
2002 - present	International Indian Statistical Association
2012 - 2016	Board Member and Vice President for Membership, Southern California Chapter of the American Statistical Association
2018 - present	American Public Health Association

Educational Activities

Year(s)	Activity
<u>Medical and graduate school didactic teaching</u>	
2004-2007 (Fall)	BSTT 503: Biostatistical Computing , Division of Epidemiology and Biostatistics, (UIC) [2 credit hours (CH); for MS students; class size (CS) ~ 30]
2005-2007 (Spring)	BSTT 440: Sampling and Estimation Methods Applied to Public Health , Division of Epidemiology and Biostatistics, UIC [3 CH; for PhD students; CS~15]
2007	Sample Size Determination , Division of Epidemiology and Biostatistics, UIC [3hr Workshop for Public Health researchers; CS ~ 30]
2008	Let’s Talk Data! , School of Nursing, UCLA [2hr Workshop for Nurse researchers; CS~30]
2008 - 2011, 2013, 2014 (Fall)	Biostat 402B: Biostatistical Consulting , Dept. of Biostatistics, School of Public Health, UCLA [3 CH; for MS students; CS~30]
2009 (Spring), 2009 - 2016 (Winter)	Biostat 100A: Introduction to Biostatistics , Department of Biostatistics, School of Public Health, UCLA [4 CH; for Bachelors students; CS~50]

2009 - 2015	Statistical Validity of Instruments , School of Nursing, UCLA [3hr Lecture for Nursing doctoral students; CS:12]
2009	Sampling and Experimental Design , School of Nursing, UCLA [3hr Lecture for Nursing bachelors students; CS~12]
2009, 2015	Linear and Logistic Regression Modeling , School of Nursing, UCLA [3hr Lecture for Nursing doctoral students; CS~12]
2010 - 2011	Introduction to Measurement Theories , School of Nursing, UCLA [3hr Lecture for Nursing doctoral students; CS~12]
2011	Introduction to Observational Studies , School of Nursing, UCLA [3hr Lecture for Nursing doctoral students; CS~12]
2011	Database Management , School of Nursing, UCLA [2hr Workshop for Nurse researchers; CS~40]
2012	Understanding and Quantifying Effect Sizes , School of Nursing, UCLA [2hr Workshop for Nurse researchers; CS~30]
2013 - 2014	Survey Sampling , School of Nursing, UCLA [2hr Lecture for Master's Entry Clinical Nurse class; CS~40]
2013	Power Analysis: A Key Component in Grant Writing , Clarkson University [3hr Workshop for campus researchers; CS~50]
2015-2016 (Winter)	N203A Basic Statistics and Fundamentals for Analysis , School of Nursing, UCLA [4 CH; for PhD students; CS~12]
2015 (Fall)	N207 Quantitative Research Designs of Clinical Phenomena , School of Nursing, UCLA [3 CH; for PhD students; CS~12]
2017, 2018 (Spring), 2018 (Fall)	BIOS 5310 Intermediate Biostatistics , School of Public Health, UNTHSC [3 CH; for MS, MPH and Ph.D. students in Public Health; CS~30]
2017, 2018 (Fall)	EPID 5312 Survey Research and Questionnaire Design , School of Public Health, UNTHSC [3 CH; for MPH Epidemiology and PH Doctoral students; CS~15]
2018 (Spring)	BIOS 6320 Biostatistical Research and Consulting , School of Public Health, UNTHSC [3 CH; for MS students in Biostatistics; CS~5]
2019 (Fall)	BIOS 5300 Principles of Biostatistics , School of Public Health, UNTHSC [3 CH; for MS students in Biostatistics/Epidemiology and MPH; CS~40]
2020-2023 (Fall)	GEN 2102 Critical Readings in Biostatistics , Med School, UTSW [3 CH; for MS students in Biostatistics; CS ~ 5-10]
2020, '21, '22 (Fall)	CTM 5309 Biostatistics I , School of Health Professions, UTSW [3 CH; 6 2-hour lectures for MS students in Clinical Sciences; CS ~ 15-30]
2022, 2023 (Spring)	CTM 5302 Biostatistics for Clinical Sciences II , Center for Translational Medicine, Med School/Graduate School, UTSW [3 CH; 6 2-hour lectures for MS students in Clinical Sciences; CS ~ 10]

2023, 2024 (Summer)	QDS 5301 Introduction to the Analysis of Public Health Data , O'Donnell School of Public Health, UTSW [3 CH; for MPH students in MD/MPH track; CS~15]
2024	QDS 5303 Intermediate Analysis of Public Health Data , O'Donnell School of Public Health, UTSW [6 2-hour lectures for MPH students in QDS-track at UTSW OSPH; CS~15]
<u>Dissertation committees</u>	
2015	MPH Dissertation Committee of Dr. Yonas Megerssa <i>Topic: Spatial Analysis of Canine Parvovirus in Los Angeles County</i> (<i>Currently: Dr. Megerssa is a Public Health Advisor for the Centers for Disease Control and Prevention</i>)
2016	MPH Dissertation Committee (Chair) of Ms. Shelly Devost <i>Topic: Mixed effects model of salivary osmolality outcomes among non-institutionalized seniors in the Los Angeles metropolitan area.</i> (<i>Currently: Ms. Devost is a doctoral student in Epidemiology at UCSF</i>)
2016	Doctoral Dissertation Committee of Ms. Iman Al-Hashmi <i>Topic: The Effectiveness of a Health Education Intervention Based on the Health Belief Model on Omani Women with Gestational Diabetes</i> (<i>Currently: Dr. Hashmi is an Associate Professor of Nursing at the University of Oman</i>)
2019	DrPH Dissertation Committee of Ms. Joy Toyama <i>Topic: Statistical Analysis of Infectious Diseases in Nursing and Genomic Data</i> (<i>Currently: Dr. Toyama is a statistician at the Center for the Study of Healthcare Innovation, Implementation and Policy, Greater Los Angeles VA Healthcare System</i>)
2019	Doctoral Dissertation Committee of Ms. Jialiang Liu <i>Topic: Using big data for improving two surveillance systems: influenza surveillance using Google flu-related search query data and probationers absconding surveillance using chronological case notes data</i> (<i>Currently: Dr. Liu is a biostatistical consultant at the Quantitative Biomedical Research Center, UTSW</i>)
2020	Doctoral Dissertation Committee (Co-chair) of Mr. Ndolembai Njeseda <i>Title: "Sickle Cell Disease Awareness, Willingness to be Tested and Willingness to Participate in Genetic Counseling Among African Immigrants of the Democratic Republic of Congo in North Texas"</i> (<i>Currently: Dr. Njeseda is the Minister of National Education for the Government of Chad</i>)
<u>Qualifying examination committees</u>	
2004 - 2007	Masters Exam Committee, School of Public Health (SPH), University of Illinois at Chicago

<u>Graduate student trainees</u>	
2008 - 2012	Qing Yang (graduate research assistant, GRA; UCLA School of Public Health) (<i>Currently:</i> Associate Professor at Duke University School of Nursing)
2008 - 2016	Joy Toyama (GRA; UCLA School of Public Health) (<i>Currently:</i> Dr. Toyama is a statistician at the Center for the Study of Healthcare Innovation, Implementation and Policy, Greater Los Angeles VA Healthcare System)
2010 - 2014	Anna Liza Malazarte Antonio (GRA; UCLA School of Public Health) (<i>Currently:</i> Principal Biostatistician at Becton, Dickinson and Company in the Advanced Patient Monitoring Division)
2014 - 2016	Michelle Devost (GRA; UCLA School of Public Health) (<i>Currently:</i> Ms. Devost is a doctoral student in Epidemiology at UCSF)
2016 - 2017	Apeksha Gupta (GRA; UNTHSC School of Public Health) (<i>Currently:</i> Biostatistician at Seattle Children's Hospital)
2016 - 2017	Devang Agravat (GRA; UNTHSC School of Public Health) (<i>Currently:</i> Statistical Research Associate at Fred Hutchinson Cancer Center – Seattle)
2016 - 2017	Jialiang Liu (GRA; UNTHSC School of Public Health) (<i>Currently:</i> Biostatistical consultant at the Quantitative Biomedical Research Center, UTSW)
2016 - 2018	Mamun Md. Abdallah (GRA; UNTHSC School of Public Health) (<i>Currently:</i> Lead Biostatistician at Ethicon, Inc.
2018-2019	Mahbuba Khan (GRA; UNTHSC School of Public Health) (<i>Currently:</i> Research Programmer at Baylor Scott and White Health)
2019	Yeremyah Phillips (undergraduate student from Hardin Simmons University), received research mentorship as part of the Summer Research Internship from the Center for Diversity and International Programs, UNTHSC. (<i>Currently:</i> DPT, Hardin University)
2023-2024	Brennan Dawson (MPH internship; University of Arizona Mel and Enid Zuckerman College of Public Health) (<i>Currently:</i> Lead clinical research assistant at the Center for Depression Research and Clinical Care, UTSW)

Grant Review Activities

Year(s)	Name of Review Committee	Organization
University		
2008 - 2016	Faculty Research and Professional Affairs Committee	School of Nursing, University of California, Los Angeles

2020	Community Engaged Research Pilot Program	Simmons Cancer Center, UTSW
2020 - 2021	Community-Based Research Awards	Simmons Cancer Center, UTSW
National		
2022 - present	National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)	U.S. Department of Health and Human Services (HHS)

Editorial Activities

Year(s)	Journal Name
<u>Editorial Board (serves as the statistical editor)</u>	
2024 -	Journal of Nutrition in Clinical Practice, a Wiley Journal
<u>Ad Hoc Reviewer</u>	
2007	Survey Methodology
2009	Journal of the American Statistical Association
2009 – 2013	Communications in Statistics – Theory and Methods
2010	International Statistical Review
2011 - 2013	Journal of Substance Abuse Treatment
2012	Biometrics
2017	Western Journal of Nursing Research
2018	Sankhya
2020	University of Rajshahi (Bangladesh) Proceedings Volume
2020 - 2021	Preventive Medicine
2020 - 2022	Statistics and Applications
2022	Psychiatric Research
2022-2023	Journal of Medical Internet Research
2023	Psychiatric Research and Clinical Practice
2023	Stats
2024	BMJ Open

Grant Support

<u>Active</u>	
	<i>Grantor:</i> Texas Child Mental Health Care Consortium (PI: Karabi Nandy)

	<i>Title of Project: A Data-Driven Approach to Early Mental Health Screening in Offspring of Parents with Bipolar Disorder</i>
	Role: Principal Investigator (3.4 calendar months)
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$412,000; 2015-2027</i>
	<i>Grantor: Rees Jones Foundation (PI: Madhukar H. Trivedi)</i>
	<i>Title of Project: Statistical support for Center for Depression Research</i>
	Role: Co-Investigator (7.2 calendar months)
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$3,500,000; 2019-2025</i>
	<i>Grantor: NIH/NIMH* (PI: Shawn M. McClintock)</i>
	<i>Title of Project: Ascertaining Neurocircuitry to Enhance Neuromodulation Development (ASCEND)</i>
	Role: Co-Investigator (0.6 calendar months)
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$434,381; 2020 – 2024.</i>
	<i>Grantor: NIH/NINDS* (PI: David Busch)</i>
	<i>Title of Project: Development of quantitative optical tools to continuously monitor cerebral autoregulation, blood flow, oxygenation and inflammation during pediatric extracorporeal life support</i>
	Role: Co-Investigator (0.5 calendar months)
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$430,000; 2022 – 2027</i>
	<i>Grantor: NIH/NIAID* (PI: Lenette Lu)</i>
	<i>Title of Project: Defining the antibody interface between Mycobacterium tuberculosis and host immunity</i>
	Role: Co-Investigator (0.6 calendar months)
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$254,166; 2021 – 2026</i>
	<i>Grantor: NIH/NIMH* (PI: Shawn M. McClintock)</i>
	<i>Title of Project: Emotional Cognition: Establishing Constructs and Neural-Behavioral Mechanisms in Older Adults with Depression (ENSURE)</i>
	Role: Co-Investigator (1.2 calendar months)

	<i>Total amount of award (if multi-year) and dates (direct costs only): \$3,500,000; July 1, 2019 – Aug 31, 2024 (no cost extension)</i>
<u>Past</u>	
	<i>Grantor: NIH/NIDA * (PI: Margaret Compton)</i>
	<i>Title of Project: Hyperalgesia in Methadone-Maintained Patients: Can it be Treated?</i>
	<i>Role: Co-Investigator</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$2,484,502; 2002-2007</i>
	<i>Grantor: Illinois Department of Human Services (PI: Arden S. Handler)</i>
	<i>Title of Project: Closing the Gap - Quality of Medical Care</i>
	<i>Role: Co-Investigator</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$75,000; 8/1/2005-7/31/2007</i>
	<i>Grantor: NIH/NCI * (PI: Felicia Schanche Hodge)</i>
	<i>Title of Project: Reducing Symptom Barriers Among American Indians</i>
	<i>Role: Co-Investigator</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$2,458,667; 2005-2010</i>
	<i>Grantor: NIH/NCI * (PI: Eunice Lee)</i>
	<i>Title of Project: KIM-CHI: A Culture-Specific and Theory Driven Intervention for Breast Cancer Screening in Korean American Women</i>
	<i>Role: Co-Investigator</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$1,434,494; 2007-2012</i>
	<i>Grantor: Eunice Kennedy Shriver National Institute of Child Health and Human Development (PI: Adeline M. Nyamathi)</i>
	<i>Title of Project: Community-Based Approach to Designing an Aids Program for HIV+ Mothers in India</i>
	<i>Role: Co-Investigator</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$153,270; 2008-2010</i>

	<i>Grantor:</i> HRSA (PI: Adeline M. Nyamathi)
	<i>Title of Project:</i> Culturally Competent Care for Underserved Populations
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only)</i> \$600,000; 2008-'11
	<i>Grantor:</i> NIH/NCI-UCLA/Indian Council of Medical Research (PI: Ronald Mitsuyasu)
	<i>Title of Project:</i> Pilot HIV and Cancer Match Registry Study in Pune, India
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$10,000; 2009-'10
	<i>Grantor:</i> NIH/NHLBI * (PI: Lorraine S. Evangelista)
	<i>Title of Project:</i> Examining the Effects of High Protein Diet on Outcomes in Heart Failure Patients
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$1,929,638; 2009-2013
	<i>Grantor:</i> NIH/NIDA * (PI: Adeline M. Nyamathi)
	<i>Title of Project:</i> HBV Prevention for Homeless At-Risk for HBV/HCV/HIV
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$3,313,085; 2009-2014
	<i>Grantor:</i> NIH/NHLBI * (PI: Eufemia Jacob)
	<i>Title of Project:</i> Wireless Pain Intervention Program for At Risk Youths with Sickle Cell Disease
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$1,000,000; 2009-2011
	<i>Grantor:</i> FWJF (PI: Angela Hudson)
	<i>Title of Project:</i> Foster Youth Stay Smart with "Street Smart:" an HIV and Pregnancy Prevention Program for At-Risk Teens
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$350,000; 2009-

	2012
	<i>Grantor:</i> NIH/NIDA * (PI: Margaret Compton)
	<i>Title of Project:</i> Pain, Opioids and Pro-inflammatory Immune Responses
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only)</i> \$ 421,960; 2010-'12
	<i>Grantor:</i> NIH/NCI * (PI: Ronald Mitsuyasu)
	<i>Title of Project:</i> Studies of HIV and HHV8 in cancers in India
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$319,809; 2013-2015
	<i>Grantor:</i> Delivery System Reform Incentive Payment Program (PI: Scott T. Walters)
	<i>Title of Project:</i> CMS, Delivery System Reform Incentive Payment Program (1115 Waiver)
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$3,570,643; 2013-2017
	<i>Grantor:</i> NIH/NINR * (PI: Sally Maliski)
	<i>Title of Project:</i> Staying Strong and Healthy for Androgen Deprivation Therapy for Latino Men
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$2,548,388; 2014-2018
	<i>Grantor:</i> Institute of American Cultures (UCLA) (PI: Felicia Schanche Hodge)
	<i>Title of Project:</i> Examining Type 2 Diabetes among California American Indians
	<i>Role:</i> Co-Investigator
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$10,000; 2015-2016
	<i>Grantor:</i> HRSA (PI: Adeline M. Nyamathi)
	<i>Title of Project:</i> Patient-Centered Medical Home Clinical Care Coordinator Practice Model for Community Clinic Safety-Net Providers
	<i>Role:</i> Co-Investigator

	<i>Total amount of award (if multi-year) and dates (direct costs only): \$600,000; 2015-2018</i>
	<i>Grantor: NIH/NIMHHD (PI: Jamboor K. Vishwanatha)</i>
	<i>Title of Project: Texas Center for Minority Health, Education, Research And Outreach</i>
	<i>Role: Co-Investigator and Center Statistician</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$4,473,770; 2017 – 2020</i>
	<i>Grantor: Magellan Health Inc. (PI: Erica L. Stockbridge)</i>
	<i>Title of Project: Magellan/UNTHSC Strategic Research Initiative</i>
	<i>Role: Co-Investigator</i>
	<i>Annual amount and date (direct costs only): \$55,948; 2019</i>
	<i>Grantor: NIH/NINR* (PI: Alejandro Kopelowicz)</i>
	<i>Title of Project: Using Multifamily Groups to Improve Family-Centered Self-management Of Type 2 Diabetes Among Mexican Americans</i>
	<i>Role: Co-Investigator</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only): \$1,771,080; 2016 – 2021</i>

Clinical Trials Activities

All clinical trials in grant support (above) are marked by *.

Invited Lectures (Since 2016)

Year(s)	Title	Location
<u>International</u>		
2017	Optimal Designs for a Logistic Dose-Response Model with Restricted Dose Levels	2017 International Indian Statistical Association Conference Annual Conference. Hyderabad, India.
2019	Block Total Response Technique for Quantitative Sensitive Item in a Finite Population	6th African International Conference. Adama, Ethiopia.

2019	A Workshop for Women Academics in Ethiopia: Empowering Women for Academic Leadership Through Achievers' Network.	6th African International Conference. Adama, Ethiopia.
2019	An Assessment of Physical Activity Among Children in the US Using Scalar-on-Function Regression Model with Measurement Error	2019 International Indian Statistical Association Conference. Mumbai, India
2022	A Psychometric Assessment of the Concise Health Risk Tracking - Self-Report (CHRT-SR) in Measuring Suicidal Risk in Adolescent Outpatients	2022 International Indian Statistical Association Conference. Bengaluru, India
2023	The Psychometric Study of a Measure of Suicidal Risk in Adults with Bipolar Disorders	2023 7 th African International Conference (AIC) on Statistics, themed " <i>Advanced Statistics and Data Science in Africa.</i> " Marrakesh, Morocco.
2024	Reducing the Clinical-Research Gap: A Comparison of Depressive Symptom Self-Reported Measures in Psychiatric Outpatient Youth	2024 8th African International Conference (AIC) on Statistics, themed " <i>Empowering Innovation: Advanced Statistics and Data Science for Sustainable Development in Africa.</i> " Hammamet, Tunisia
<u>National</u>		
2019	A Novel Approach to Small Area Estimation of Prevalence Using Hierarchical and Empirical Bayes Methods with Applications to Uninsured Minority Sub-Population and Tobacco Use Among Nurses	University of Texas Southwestern Medical Center
2023	The Psychometric Analyses of a Measure of Suicidal Risk in Adolescent Outpatients	Conference "Advances in Statistical and Computational Methods for Analysis of Biomedical, Genetic, and Omics Data" hosted by the Department of Mathematical Sciences at the University of Texas at Dallas.
2023	Development of a Suicidal Risk Scale Through Psychometric Analyses - Evidence from the TX-YDSRN	Youth Depression and Suicide Research Network Scientific Symposium, hosted by the Center for Depression Research and Clinical Care at UTSW

2023	Development of a Suicidal Risk Scale Across the Age Spectrum	School of Public Health, University of Illinois at Chicago
2023	The Psychometric Analyses of a Measure of Suicidal Risk in Adolescents	Department of Statistics and Data Science, Southern Methodist University
2024	Early Impact of COVID-19 on Mental Health in Adults with Depression: Findings from a Texas Study	Department of Mathematics, Clarkson University

Service to the Community

Year(s)	Role	Organization or institution
2012 - 2016	Co-vice president for Membership. My role was to recruit members from the scientific community into the organization.	Southern California Chapter of the American Statistical Association
2019	External Reviewer for Tenure to Associate Professorship	University of Memphis
2019	External Reviewer for Doctoral Thesis (Biostatistics)	University of Limpopo, South Africa
2020	External Reviewer for Master of Science Thesis	University of Limpopo, South Africa
2024	External Reviewer for Tenure to Associate Professorship	College of Health and Public Service at the University of North Texas.

Bibliography

Peer-Reviewed Publications

Original Research Articles

1.	Bussing R, Mason D, Leon C, Sinha K. (2003) Agreement Between CASA Parent Reports and Provider Records of Children's ADHD Services. <i>Journal of Behavioral Health Services and Research</i> , 30(4):462-469. doi: 10.1097/00075484-200310000-00010.
2.	Bussing R, Gary F, Mason D, Leon C, Sinha K , Garvan C. (2003) Child Temperament, ADHD, and Caregiver Strain: Exploring Relationships in an Epidemiological Sample. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 42(2):184–192. doi: 10.1097/00004583-200302000-00012

3.	Bussing R, Zima B, Gary F, Mason D, Leon C, Sinha K , and Garvan CW. (2003) Social Networks, Caregiver Strain, and Utilization of Mental Health Services Among Elementary School Students at High Risk for ADHD. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 42(7):842-50.
4.	Sinha K . (2006) On Some Aspects of Diallel Cross Designs with Correlated Data. <i>Calcutta Statistical Association Bulletin</i> , 58(3):243-262. doi.org/10.1177/0008068320060306
5.	Ghosh M, Sinha K , Kim D. (2006) Empirical Bayes Estimation in Finite Population Sampling Under Structural Measurement Error Models, <i>Scandinavian Journal of Statistics</i> , 33(3):591-608. doi.org/10.1111/j.1467-9469.2006.00492.x
6.	Ghosh M, Sinha K . (2007) Empirical Bayes Estimation in Finite Population Sampling Under Functional Measurement Error Models, <i>Journal of Statistical Planning and Inference</i> . 137(9):2759-2773.
7.	Sinha K . (2007) Cost-Effective Unbiased Estimation of Exponential Mean Life - Comparison of Ranked Set Sampling [RSS] vis-a-vis Simple Random Sampling [SRS], <i>Journal of Statistical Theory and Applications</i> , 6(4):448-457.
8.	Freels S, Sinha K . (2008) R-squared for general regression models in the presence of sampling weights, <i>Statistics and Probability Letters</i> , 78(12):1671-1672.
9.	Ghosh M, Kim D, Sinha K , Parsons VL, Katzoff M. (2009) Bayesian and Empirical Bayes Small Domain Estimation of the Proportion of Persons without Health Insurance for Minority Subpopulations, <i>Survey Methodology</i> 35(1):53-66.
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Non-peer reviewed posters

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5.	Hodge F, Nandy K. (2012) HIV and American Indians: Predictors of unsafe sexual practices and non-HIV testing tendencies. 140th APHA Annual Meeting, October, 2012
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7.	Godbole S, Nandy K, Gauniyal M, Koyande S, Virgo P, Bhatia K, Paranjape R, Risbud A, Mbulaiteye S, Mitsuyasu R (2013) Substantial Burden of Non-AIDS Cancers in Persons with HIV in India: Early Results from a Computerized HIV and Cancer Registry Match in Pune, India, 20 th Conference on Retroviruses and Opportunistic Infections CROI.
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9.	Nandy K, Antonio A, Bialous SA, Sarna L. Relationship between quit attempts and smoke-free policies among nurses who smoke: an analysis of the tobacco use supplement-current population surveys (TUS-CPS) from 2003 to 2010-2011. (2015) 21 st Annual Meeting for the Society for Research on Nicotine and Tobacco (SRNT), February 2015.
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21.	Abbas LF, Nandy K , Benjamin F, Chong BF. (2021) Classification of Disease Activity and Damage in Cutaneous Lupus. American College of Rheumatology, 2021.
22.	Howard JM, Nandy K , Woldu SL, Margulis V. (2021) Demographic Factors Associated with Non-Guideline-Based Treatment of Kidney Cancer in the United States. 90 th Annual Meeting of the New England Section of the American Urological Association.
23.	Frerichs LM, Nandy K , Friedman DI. (2022) Effectiveness of Anti-CGRP Monoclonal Antibodies for Persistent Headaches in Patients with Idiopathic Intracranial Hypertension. AHS 64 th Annual Scientific Meeting, 2022.
24.	Nandy K , Rush AJ, Carmody T, Kulikova A, Mayes T, Emslie G, Trivedi MH. The Concise Health Risk Tracking - Self-Report (CHRT-SR) - A measure of suicidal risk: performance in adolescent outpatients. International Meeting of the Psychometric Society (IMPS) 2022.
25.	Soto C, Nandy K , Lacritz LH, Cullum CM, Dewey, Jr. RB, Ryman SR, Husain MM, Kaufman J, Bernstein IH, McClintock SM. <i>Limited Association of the NIH Toolbox Cognition Battery and Standard Neuropsychological Measures in Patients with Parkinson Disease</i> . International Neuropsychological Society (INS) 2024 Annual Meeting, New York, NY.
26.	Ayvaci ER, Nandy K , Becker R, Minhajuddin AT, Slater H, Trivedi MH. Correlates of Treatment Options in Youth with Major Depressive Disorder: Observations from the Texas Youth Depression and Suicide Research Network (TX-YDSRN). American Society of Clinical Psychopharmacology (ASCP) Conference in May 2024.

#10 Received 1st Place Award from by School of Public Health and Public Health Student Government Association.

#11 Finalist of the prestigious Spiegleman Award at APHA 2018.

#13 Won 1st Place in the UNT Health: 2018 Health Care Delivery Poster Award.

18 Received Award for Outstanding Student Poster at APHA 2019.

#19 Received Best Student Poster Award in the Caucus on Homelessness poster session at APHA 2019.