

Soyoung Jeon

CONTACT	College of Business Department of Economics, Applied Statistics and International Business MSC 3CQ, PO Box 30001 New Mexico State University Las Cruces, NM 88003-8001 sjeon@nmsu.edu
EDUCATION	University of North Carolina at Chapel Hill Ph.D. in Statistics and Operations Research, May 2012 Seoul National University M.S. in Statistics, February 2007 B.S. in Statistics, February 2005
PROFESSIONAL EXPERIENCE	<i>Associate Professor</i> 2024–present <i>Assistant Professor</i> 2020–2024 Department of Economics, Applied Statistics and International Business New Mexico State University, Las Cruces, NM <i>Research Statistician</i> 2016–2020 Border Biomedical Research Center The University of Texas at El Paso, El Paso, TX <i>Postdoctoral Researcher</i> 2012–2015 Earth and Environmental Sciences Division Lawrence Berkeley National Laboratory, Berkeley, CA
TEACHING EXPERIENCE	<i>Assistant Professor & Associate Professor</i> Department of Economics, Applied Statistics, and International Business New Mexico State University – A ST 515 Statistical Analysis with R (3 credits) Fall 2024 – A ST 505 Statistical Inference I (4 credits) Fall 2024 Fall 2023, Spring 2024 Fall 2022, Spring 2023 Fall 2021, Spring 2022 Fall 2020, Spring 2021 – A ST 311 Statistical Applications (3 credits) Fall 2023 Fall 2022, Spring 2023, Summer 2023 Fall 2021, Summer 2022 Fall 2020, Spring 2021 – A ST 598 Special Research Problems Spring 2022–Fall 2024 <i>Instructor</i> Department of Statistics and Operations Research University of North Carolina at Chapel Hill – STOR151 Basic Statistics Spring 2010, Summer 2011 – STOR155 Introduction to Statistics Summer 2010 <i>Instructor</i> 2006–2007 Department of Statistics Seoul National University, Seoul, South Korea

PUBLICATIONS

Gill, T.E., E. Herrera-Molina, G. Ibarra-Mejia, **S. Jeon**, and K. Ardon-Dryer (2024). Update-Exposure to dust events and hospitalizations in West Texas cities: The human health consequences of dust. *The Southwest Respiratory and Critical Care Chronicles*. 12 (52), 49–51.

Trueblood, C., **S. Jeon**, C. Brown, J. P. King (2024). Characterization of the Water Supply of the Rio Grande Project based on Rio Grande Compact Reports 1940-2020. *Journal of Water Resources Planning and Management*. 150(4). [published online ahead of print].

Herrera-Molina, E., T.E. Gill, G. Ibarra-Mejia, **S. Jeon**, and K. Ardon-Dryer (2024). Associations between dust exposure and hospitalizations in a dust-prone city, Lubbock, TX, USA. *Air Quality, Atmosphere & Health*. 17(5), 1091–1105.

Solis, J. C., A. S. Bawazir, B. Tanzy, R. G. Luthy, and **S. Jeon** (2024). Inducing Evapotranspiration Reduction in an Engineered Natural System to Manage Saltcedar in Riparian Areas of Arid Environments. *Water*. 16(1):53.

Cerra, S., M. K. Shukla, **S. Jeon**, and S. O’Meara (2023). The Effects of Brackish Irrigation on Soil Ion Accumulation and Growth of *Atriplex* Species. *Soil Systems*. 7(4):84.

Aguilera, J., **S. Jeon**, A. Raysoni, L.D. Whigham and W.-W. Li (2023). Decreased Moderate to Vigorous Physical Activity Levels in Children with Asthma Are Associated With Increased Traffic-Related Air Pollutants. *Journal of Environmental Health*. 85(8), 16–24.

Niemann, D., Z. Akinjobi, **S. Jeon** and H.H. Rahman. (2023). Arsenic Exposure and Prevalence of Human Papillomavirus in the US Male Population. *Environmental Science and Pollution Research International*. 30(1), 1263–1275.

Jeon, S., Y.-F. Lee, and K. Koumi. (2022). COVID-19 Vaccination: Sociopolitical and Economic Impact in the United States. *Epidemiologia*. 3(4), 502–517. PMID: PMC9680412.

Henríquez, G., L. Méndez, E. Castañeda, A. Wagler, **S. Jeon**, and M. Narayan. (2022). Preclinical Model to Evaluate Outcomes of Amyloid Cross-Toxicity in the Rodent Brain. *ACS Chemical Neuroscience*. 13(20), 2962–2973. PMID: 36194532.

Thabet, A. M., A. N. Adams, **S. Jeon**, J. Pisquiy, R. Gelhert, T. DeCoster and A. Abdelgawad. (2022). Malpractice Lawsuits in Orthopedic Trauma Surgery: A Meta-analysis of the Literature. *OTA International*. 5(3):e199. PMID: PMC9580045.

Rangel, A., A. U. Raysoni, M. C. Chavez, **S. Jeon**, J. Aguilera, L. D. Whigham and W.-W. Li. (2022). Assessment of Traffic-Related Air Pollution (TRAP) at Two Near-Road Schools and Residence in El Paso, Texas, USA. *Atmospheric Pollution Research*. 13(2):101304.

Thabet, A., M. Craft, J. Pisquiy, **S. Jeon**, A. Abdelgawad and W. Azzam. (2022). Tibial Shaft Fractures in the Adolescents: Treatment Outcomes and the Risk Factors for Complications. *Injury*. 53(2), 706–712. PMID: 34862039.

Herrera-Molina, E., T. E. Gill, G. Ibarra-Mejia, **S. Jeon**. (2021). Associations between Dust Exposure and Hospitalizations in El Paso, Texas, USA. *Atmosphere*. 12(11):1413.

Aguilera, J., **S. Jeon**, M. Chavez, G. Ibarra-Mejia, J. Ferreira-Pinto, L. D. Whigham and W.-W. Li. (2021). Land-Use Regression of Long-Term Transportation Data on Metabolic Syndrome Risk Factors in Low-Income Communities. *Transportation Research Record*. 2675(11), 955–969.

Ibarra-Mejia, G., M. Lusk, and **S. Jeon**. (2021). Stress, Anxiety, and Depression among Latinx University Students during the COVID-19 Pandemic. *Social Development Issues*. 43(1), 55–67.

Thabet, A. M., C. Gerzina, F. Sala, **S. Jeon**, G. Loviseti, A. Abdelgawad, T. A. De-Coster and W. Azzam. (2021). Outcomes and Complications With Treatment of Open Tibial Plafond Fractures With Circular External Fixator. *Foot & Ankle International*. 42(6), 723–733. PMID: 33559484.

Dabash, S., C. Gerzina, G. Prabhakar, A. M. Thabet, **S. Jeon**, and S. Heinrich. (2019). Screw Fixation for Supracondylar Humerus Fractures in Children: A Report of Seventeen Cases. *European Journal of Orthopaedic Surgery & Traumatology*. 28(7), 1–7. PMID: 30334099.

Kim, B.G., N. H. Park, S. B. Lee, **S. Jeon**, J. H. Park, S. W. Jung, I. D. Jeong, S. J. Bang and J. W. Shin. (2018). The Risk of Hepatocellular Carcinoma within and beyond the First 5 years of Entecavir in Korean Patients with Chronic Hepatitis B. *Liver International*. 38(12), 2269–2276. PMID: 30052303.

Koebel, M. R., A. Cooper, G. Schmadeke, **S. Jeon**, M. Narayan and S. Sirimulla. (2016). S··O and S··N Sulfur Bonding Interactions in Protein–Ligand Complexes: Empirical Considerations and Scoring Function. *Journal of Chemical Information and Modeling*. 56(12), 2298–2309. PMID: 27936771.

Jeon, S., C. Paciorek and M. F. Wehner. (2016). Quantile-based Bias Correction and Uncertainty Quantification of Extreme Event Attribution Statements. *Weather and Climate Extremes*. 12, 24–32.

Jeon, S., Prabhat, S. Byna, J. Gu, W. D. Collins and M. F. Wehner. (2015). Characterization of Extreme Precipitation within Atmospheric River Events over California. *Advances in Statistical Climatology, Meteorology and Oceanography*. 1, 45–57.

Cooley, D., J. Cisewski, R. Erhardt, **S. Jeon**, E. Mannshardt, B. Omolo and Y. Sun. (2012). A Survey of Spatial Extremes: Measuring Spatial Dependence and Modeling Spatial Effects. *REVSTAT Statistical Journal*. 10(1) 135–165.

Casanova, L. M., **S. Jeon**, W. A. Rutala, D. J. Weber and M. D. Sobsey. (2010). Effects of Air Temperature and Relative Humidity on Coronavirus Survival on Surfaces. *Applied and Environmental Microbiology*. 76(9) 2712–2717. PMID: PMC2863430.

TECHNICAL
REPORT

Jeon, S., J. Aguilera, L. D. Whigham and W.-W. Li. “Association of Traffic and Related Air Pollutants on Cardiorespiratory Risk Factors From Low-Income Populations in El Paso, TX.” Prepared for Center for Advancing Research in Transportation Emissions, Energy, and Health (CAR-TEEH) USDOT University Transportation Center. February 1, 2021. Available at <https://rosap.ntl.bts.gov/view/dot/56858>

Li, W.-W., **S. Jeon**, W. Hargrove, L. D. Whigham. “Healthy Living, Children’s Respiratory Health, and Traffic-Related Air Pollution in an Underserved Community.” Prepared for Center for Advancing Research in Transportation Emissions, Energy, and Health (CAR-TEEH) USDOT University Transportation Center. July 31, 2019.

MANUSCRIPTS
IN PROGRESS

Khanjani, N., G. Ibarra-Mejia, M. Dastoorpour, E. Herrera-Molina, K. Ardon-Dryer, **S. Jeon**, T.E. Gill. The Ascending Trend of Valley Fever in El Paso, Texas and its Association with Regional Meteorological and Dust Factors. Submitted to the International Journal of Biometeorology.

Vera, A.J., A.G. Soliz, O.J. Ortega, K.R. Vera, **S. Jeon**, X. Su , A. de la Mora-Covarubbias , P. Lavretsky, D.M. Watts. Environmental Influences on *Aedes aegypti* (Diptera: Culicidae) Population Densities Across Two Urban Communities on the U.S.–Mexico Border. Submitted to the Journal of Medical Entomology.

Aguilera, J., **S. Jeon**, M. Chavez, G. Ibarra-Mejia, J. Ferreira-Pinto, L. D. Whigham, W.-W. Li. Short-Term Effects of Traffic-Related Air Pollution on Cardiorespiratory Outcomes among Low-Income Residents from a US-Mexico Border Community. Submitted to the Environmental Monitoring and Assessment.

Sanchez, D. E., K. Caudle, J. E. Simson, **S. Jeon**, A. M. Thabet. Clinical and radiographic outcomes of patella fractures at a level I trauma center: a report of 327 cases. In preparation.

Hernandez, H. J., A. Gonzalez, B. L. Stringam, **S. Jeon**, M. K. Shukla. Yield and productivity of *Capsicum Annum* (NuMex Sandia Select) under micro gravity drip irrigation system (N-Drip) with root system covers in a semiarid climate. In preparation.

PRESENTATIONS

F. Karimi, S. Jeon, S. Reinert, D. Sokolov, L. Sullivan. *Gene Set Enrichment Analysis for Metabolic Protein Expression Changes in Breast Cancer*. Southwest Transformative Educational Advancement Mentoring (STEAM) 2024 Summit, Albuquerque, NM, Aug. 2024 (Poster)

A. Duah, S. Jeon, S. Reinert, D. Sokolov, L. Sullivan. *Comparative Analysis of Metabolic Protein Expression Change in Colon Adenocarcinoma*. Southwest Transformative Educational Advancement Mentoring (STEAM) 2024 Summit, Albuquerque, NM, Aug. 2024 (Poster)

I. Salama, C. Lobst, A. Bafor, K. Klahs, S. Jeon, D. Stone, A. Abdelgawad, A. Thabet Hagag. *Enhanced Radiographic Union Score (RUST) of Adolescent Tibia Shaft Fractures Treated with Hexapod Circular External Fixation: A Multicenter Study of 38 Consecutive Cases*. 2024 Combined EPOSNA Meeting, National Harbor, MD, May 2024

Naheed, S. Jeon, R. Goldsteen, V. De La Rosa, R. Brown, A. Issa. *Effects of Demographic Factors and Comorbidities on COVID-19 Severity in Southern New Mexico*. The Rio Grande Physiological Society (RGPS) Annual Meeting, Albuquerque, NM, Mar. 2024 (Poster)

S. Majidi, J. Khubchandani, S. Jeon. *Exploring the Impact of Food Insecurity on All-cause Mortality in American Adults: NHANES 2005 to 2014*. 2024 NMSU Research and Creativity Week, Las Cruces, NM, Feb. 2024

Naheed, S. Jeon, R. Goldsteen, V. De La Rosa, R. Brown, A. Issa. *Effects of Demographic Factors and Comorbidities on COVID-19 Severity in Southern New Mexico*. 2024 NMSU Research and Creativity Week, Las Cruces, NM, Feb. 2024

S. Jeon, S. Majidi, J. Khubchandani. *Effects of Food Insecurity and Social Isolation on Mortality in US Adults*. NMSU CoB Research Colloquium, Las Cruces, NM, Feb. 2024

E. Molina-Herrera, T.E. Gill, G. Ibarra-Mejia, K. Ardon-Dryer, S. Jeon. *Effects of dust on hospitalizations in El Paso and Lubbock, Texas, USA*. International Conference on Aeolian Research (ICAR), Las Cruces, NM, Jul. 2023

- S. Jeon, N. Johnston, B. Barst, G. Rubasinghege. *Chemical Characterization of Western Wildfire Smoke, Lung Toxicity and Health Risk*. Hawaii RAIN Research Studios Meeting, Hawaii, Jun. 2023
- S. Jeon, E. Herrera-Molina, T. E. Gill, G. Ibarra-Mejia, K. Ardon-Dryer. *Associations Between Dust Exposures and Hospitalizations in Lubbock, Texas, USA*. Data Science Symposium, 2023 NMSU Research and Creativity Week, Las Cruces, NM, Feb. 2023
- J. Green, S. Jeon, and H. Rahman. *Arsenic Exposure and Other Factors Associated with Hepatitis C: U.S. Adults From NHANES 2013-March 2020*. 2023 NMSU Research and Creativity Week, Las Cruces, NM, Feb. 2023 (Virtual Poster)
- K. Koumi, S. Jeon, and Y.-F. Lee. *COVID-19 Vaccination: Sociopolitical and Economic Impact in the United States: What can we learn for the path of recovery?* 2023 SAEA Annual Meeting, Oklahoma City, OK, Feb. 2023
- S. Jeon, E. Herrera-Molina, T. E. Gill, and G. Ibarra-Mejia. *Associations Between Dust and Thunderstorm Exposures and Hospitalizations in Lubbock, Texas, USA*. American Geophysical Union, Chicago, IL, Dec. 2022 (Poster)
- Z. Akinjobi, E. Herrera-Molina, T. E. Gill, G. Ibarra-Mejia, and S. Jeon. *Effect of Dust Storm Exposure on Hospital Admissions for Genitourinary System Diseases in El Paso, Texas*. 2022 Southern NM Fall Dust Symposium, Oct. 2022 (Virtual)
- D.E. Sanchez, K. Caudle, J.E. Simson, S. Jeon, and A.M. Thabet. *Clinical and radiographic outcomes of patella fractures at a level I trauma center: a report of 327 cases*. 2022 OTA Annual Meeting, Tampa, FL, Oct. 2022
- S. Jeon and L. Sullivan. *Systemic understanding of cellular mechanisms of metabolic adaptations in cancer*. PACR Program Steering Committee Meeting, Las Cruces, NM, Sep. 2022
- D. Neimann, H. Rahman, Z. Akinjobi, and S. Jeon. *Arsenic Exposure and Risk of Human Papillomavirus in the US Male Population*. 2022 Annual Society of Toxicology Conference, San Diego, CA, Mar. 2022 (Poster)
- E. Herrera-Molina, T. E. Gill, G. Ibarra-Mejia, and S. Jeon. *Health Effects of Dust Storms in El Paso, TX*. 2022 Southern Arizona Dust Storm Workshop, Mar. 2022 (Virtual)
- M. Funk, A. Cibils, A. Cox, L. Bender, S. Jeon, M. McIntosh, S. Spiegel, R. Estell, S. Fuentes-Soriano. *Oryx (Oryx gazella gazella) – Cattle Interactions in Chihuahuan Desert*. The 75th Annual Society for Range Management (SRM) Meeting, Albuquerque, NM, Feb. 2022 (Poster)
- K. Koumi, S. Jeon, and Y.-F. Lee. *Impact of Socio-economic Status on the COVID-19 Vaccination: What can we learn for the path of recovery?* 2021 NMSU Research and Creativity Week, Las Cruces, NM, Nov. 2021
- Z. Akinjobi, H. Rahman, D. Neimann, and S. Jeon. *Could the Prevalence of HPV Be Accounted for by the Level of Arsenic Content?* 2021 NMSU Research and Creativity Week, Las Cruces, NM, Nov. 2021
- E. Herrera-Molina, T. E. Gill, G. Ibarra-Mejia, and S. Jeon. *Associations of Dust Event Exposures and Hospitalizations*. Southern New Mexico & Western U.S. Dust Symposium, Oct. 2021 (Virtual)
- A.M. Thabet, A. N. Adams, S. Jeon, J. Pisquiy, R. Gelhert, T. DeCoster, and A. Abdel-

gawad. *Malpractice Lawsuits in Orthopedic Trauma: A Critical Analysis of the Recent Literature*. AAOS 2021 Annual Meeting, San Diego, CA, Sep. 2021 (Poster)

S. Jeon. *Microbiome Studies using Principal Component Analysis*. Korean Association for the Study of Intestinal Diseases (KASID) Symposium, Seoul, Korea, Feb. 2021 (Invited, Virtual)

J.A. Aguilera, S. Jeon, M. Chavez, G. Ibarra, J.Ferreira-Pinto, L.D. Whigham, W-W. Li. *Land Use Regression Modeling to Assess Effects of Long-Term Transportation Data on Metabolic Syndrome Risk Factors of Low-Income Communities in El Paso, TX*. TRB 100th Annual Meeting, Washington, DC, Jan. 2021 (Virtual)

S. Jeon, J.A. Aguilera, M. Chavez, G. Ibarra, L.D. Whigham, and W-W. Li. *Effects of Long Term Traffic-related Air Pollution on Metabolic Syndrome Risk Factors in Low-income Communities*. 2020 NMSU Research and Creativity Week, Las Cruces, NM, Nov. 2020 (Virtual)

S. Jeon, J.A. Aguilera, M. Chavez, G. Ibarra, L.D. Whigham, and W-W. Li. *Land Use Regression Modeling to Assess Effects of Long-Term Transportation Data on Metabolic Syndrome Risk Factors of Low-Income Communities in El Paso, TX*. The 77th Joint Advisory Committee (JAC) for the Improvement of Air Quality in the Ciudad Juárez, Chihuahua / El Paso, Texas / Doña Ana County, New México Air Basin, Las Cruces, NM, July 2020 (Virtual)

S. Jeon, J.G. Staniswalis, A.U. Raysoni, and W-W. Li. *Determination of the optimal sample size for a limited longitudinal cohort study of children's respiratory health and air quality*. 2019 Transportation, Air Quality, and Health Symposium, Austin, TX, Feb. 2019 (Poster)

W-W. Li, M. Chavez, S. Jeon, A. Rangel, A. Urbina, I. Ramirez, S. Vallamsundar, R. Farzaneh. *Contribution of Traffic Emissions to Near-Road PM_{2.5} Air Concentrations as Implied by Urban-scale Background Monitoring*, 2019 TRB Annual Meeting, Washington, DC, Jan. 2019

A.U. Raysoni, S. Jeon, J.A. Aguilera, L.D. Whigham, A. Rangel, M. Chavez, I.M. Ramirez, and W-W. Li. *Airway inflammation and lung function measurements in children with asthma at two road-side elementary schools in El Paso, TX*. The American Public Health Association (APHA)'s 2018 Annual Meeting, San Diego, CA, Nov. 2018

W-W. Li, S. Jeon, A.U. Raysoni, J.A. Aguilera, L.D. Whigham, A. Rangel, M. Chavez, and I.M. Ramirez. *Associations of respiratory responses with traffic air pollution for asthmatic children attending a roadside school*. The Air Sensors International Conference, Oakland, CA, Sep. 2018

S. Jeon, C. Paciorek, and M.F. Wehner, *Scale Mismatch Problem in the Analysis of Central U.S. Temperature Anomaly*, Extreme Value Analysis, Ann Arbor, MI, June, 2015

S. Jeon, Prabhat, S. Byna, W.D. Collins and M.F. Wehner, *Characterization of Extreme Precipitation under Atmospheric River Events*, Joint Statistical Meeting, Boston, MA, August, 2014

S. Jeon and W.D. Collins, *Spatial Dependence between Extreme Precipitations in CMIP5*, 12th IMSC, Jeju, Korea, 2013

S. Jeon and R.L. Smith, *Threshold Approach in the Analysis of Spatial Extremes*, Joint Statistical Meetings, San Diego, CA, 2012

S. Jeon and R.L. Smith, *Max-stable Processes for Threshold Exceedances in Spatial Extremes*, 7th Conference on Extreme Value Analysis, Lyon, France, 2011

GRANTS AND
PROJECTS

Ongoing Research Support

NIH NM-INBRE RAIN (P20GM103451) PI (05/08/2024–03/31/2025)

Characterization of Western Wildfire Smoke, Lung Toxicity, and Health Risks

Co-PI: N. Johnston, G. Rubasinghege

NIH/NCI 2U54CA132383-16 Project Lead (09/19/2023–08/31/2026)

1/2 Partnership for the Advancement of Cancer Research: NMSU & Fred Hutch

PI: G. Unguez

Completed Research Support

2023 NMSU COB Fulton Research Mini-grant PI (06/29/2023–08/03/2023)

Association between Social Isolation and Mortality using Data from NHANES

Student Research Assistant: Somayye Majidi

NM Water Resources Research Institute (WRRI) FY22-23 Student Water Research Grant PI/Faculty Sponsor (06/01/2022–08/31/2023)

Statistical Characterization of Central Components of the Rio Grande Compact and Rio Grande Project

Student Researcher: Claudia Trueblood

2022 NMSU COB Fulton Research Mini-grant PI (08/15/2022–11/15/2022)

Characterization of Extreme Air Quality and Impacts of Climate Change

Student Research Assistant: Zainab Akinjobi

University of New Mexico: Geographical Management of Cancer Health Disparities (GMaP) Region 3 Pilot Award Co-I (03/01/2022–08/31/2022)

Trends in renal cell carcinoma incidence and mortality by occupation and US climate region from 1975-2018

PI: G. Ibarra-Mejia

2021 NMSU COB Fulton Research Mini-grant PI (03/16/2021–05/31/2021)

Health Data Analytics and Training: Evaluating urine arsenic levels and developing associations of urine arsenic with human papillomavirus (HPV) risk

Student Research Assistant: Zainab Akinjobi

UTC CAR-TEEH 69A3551747128 PI (09/01/2019–08/31/2020)

Association of traffic and related air pollutants on cardiorespiratory risk factors from low-income populations in El Paso, TX

Co-PI: W-W. Li, J. Aguilera, L. Whigham

NIH U01 AI129783-01A1 Biostatistician (08/15/2018–07/15/2020)

New chemotherapy regimens and biomarkers for Chagas disease

PI: I. Almeida

UTC CAR-TEEH 69A3551747128 Co-PI (05/01/2017–10/31/2018)

Healthy living and traffic-related air pollution in an underserved community

PI: W-W. Li

Submitted

NSF Analytics for Equity Initiative

Role: Statistician

Assessment of cumulative impacts of air pollution and non-chemical environmental

stressors on the metabolic syndrome risk factors for individuals living in overburdened communities

PI: Mayra C. Chavez (not funded)

NIOSH R21

Role: Co-PI

Expressed microRNA signatures in circulating exosomes after mechanical loading of the uninjured tendon

PI: G. Ibarra-Mejia (not funded)

COMMITTEE
MEMBERSHIP

Ph.D. Dissertation Committee

Muhammad Ibrar Khan, Department of Plant and Environmental Sciences

John Agnew, Department of Entomology

Molly Reichenborn, Department of Animal and Range Sciences

Benjamin Ojo, Environmental Science and Engineering, UTEP

Shaila Nazneen, Interdisciplinary Health Sciences, UTEP

Leonardo Vazquez, Civil Engineering, UTEP

Liqun Hu, Department of Mathematics, Summer 2024

Juan Solis, Department of Civil Engineering, Spring 2024

Sarah Cerra, Department of Plant and Environmental Sciences, Fall 2023

Claudia Trueblood, Water Science and Management Program, Spring 2023

Estrella Herrera, Environmental Science and Engineering, UTEP, Summer 2021

Matthew McIntosh, Department of Animal and Range Sciences, Spring 2021

Juan Aguilera, Interdisciplinary Health Sciences, UTEP, Summer 2020

M.S. Thesis Committee

Holly Whited, Department of Fish, Wildlife & Conservation Ecology

Tasnim Shamma, Water Science and Management Program

Hana Hernandez, Department of Plant and Environmental Sciences

Daniel Ewusi Arthur, Economics, Applied Statistics and Int'l Business, Spring 2024

Funmi Ajayi-Obatoyinbo, Economics, Applied Statistics and Int'l Business, Fall 2023

David Armas, Department of Computer Science, Bioinformatics, Spring 2023

Micah Funk, Department of Animal and Range Sciences, Spring 2023

Alexander Armijo, Department of Entomology, Spring 2023

Yumi Maharjan, Department of Mathematics, Fall 2022 (Non-Thesis)

Marcos Banda, Civil Engineering, UTEP, Fall 2022

Leonardo Vazquez, Civil Engineering, UTEP, Fall 2022

Applied Statistics Program – M.S. Committee

Moein Afrouzmehr, Applied Statistics (*Advisor, Course only option*)

Fereshteh Namdari, Applied Statistics (*Advisor, Research project*)

Farzaneh Karimi, Applied Statistics (*Advisor, Research project*)

Agnes Duah, Applied Statistics (*Advisor, Research project*)

Naheed, Applied Statistics, Spring 2024 (*Advisor, Research project*)

Somayye Majidi, Applied Statistics, Spring 2024 (*Advisor, Research project*)

Jonah Green, Applied Statistics, Spring 2023 (*Advisor, Research project*)

Gifty Darkoa, Applied Statistics, Spring 2023 (*Research project*)

Bahar Karimi, Applied Statistics, Fall 2022 (*Course only option*)

Zainab Akinjobi, Applied Statistics, Fall 2022 (*Advisor, Research project*)

AWARDS

Research Award

Faculty Award for Scholarly Research, College of Business, NMSU, 2022-23

INBRE Collaborative Project Presentation Award

Awarded by IDeA Network for Biomedical Research Excellence (INBRE) at the Hawaii

RAIN Research Studios Meeting, June 18-20, 2023

Professional Certificate

Sustaining Member (20+ hours earned at Digital Learning and the Teaching Academy), Teaching Academy, NMSU, 2020-21

Teaching Award

Excellence in Teaching Award, Department of Statistics and Operations Research, UNC-Chapel Hill, 2011

SAMSI Travel Award

Travel Award by SAMSI to attend *SAMSI/Sandia Summer School on Uncertainty Quantification*, June 20–24, 2011

PROFESSIONAL SERVICE	Library Liaison Committee, NMSU College of Business	2024-present
	Admissions Committee, MS in Applied Statistics	2023-present
	NMSU Undergraduate Research Advisory Council Committee	2022-present
	Faculty Advisor, ASA NMSU Student Chapter	2022-present
	Admissions Committee, PhD in Applied Statistics	2023–2024
	ASA Archives and Historical Materials Committee	2022–2024
	Judge, NMSU Graduate Research and Arts Symposium	2023
	Judge, NMSU Undergraduate Research and Creative Arts Symposium	2023
	Moderator, NMSU Undergraduate Research and Creative Arts Symposium	2022
	AST Assessment Committee, NMSU Department of Applied Statistics	2022–23
	Search Committee, NMSU Department of Applied Statistics	2022
	Mentor, Maximizing Access to Research Careers (MARC) Program	2020–2023
	Judge at NMSU Research and Creativity Week	2020-2023
Task Force Member, NMSU Covid-19 Sampling Plan	Jun-Aug 2020	
REVIEWER FOR JOURNALS	<i>Meteorological Applications</i>	2023
	<i>Atmosphere</i>	2022
	<i>Geoscientific Model Development</i>	2019
	<i>Journal of Hydrometeorology</i>	2014
	<i>Journal of Applied Meteorology and Climatology</i>	2014
	<i>Journal of the Korean Statistical Society</i>	2011
PROFESSIONAL MEMBERSHIPS	Member of American Statistical Association	
	Member of WNAR of the International Biometric Society	
	Member of American Geophysical Union	
	Member of IEEE Advancing Technology for Humanity	