

EVA MONIQUE SHIPP

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Texas A&M School of Public Health
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EDUCATION

Ph.D. Epidemiology Minors: Toxicology & Biostatistics The University of Texas Health Science Center at Houston School of Public Health	2000-2005
M.S. Epidemiology The University of Texas Health Science Center at Houston School of Public Health	1998-2000
B.A. Liberal Arts Majors: Archaeology & Anthropology The University of Texas at Austin Cum Laude & Liberal Arts Honors Graduate	1992-1997

RESEARCH INTERESTS

Injury prevention, transportation safety, occupational and agricultural safety and health, injury and crash surveillance, record linkage.

ACADEMIC / RESEARCH EXPERIENCE

Associate Professor Department of Epidemiology & Biostatistics Texas A&M School of Public Health	2023-present
Senior Research Scientist, Program Manager Crash Analytics Team (8 full time staff; 4 part time staff) Center for Transportation Safety Texas A&M Transportation Institute	2021-2023
Research Scientist, Program Manager Crash Analytics Team Center for Transportation Safety Texas A&M Transportation Institute	2015-2021
Associate Department Head (Epidemiology & Biostatistics) Texas A&M Health Science Center School of Public Health	2015

<p>Associate Professor (Epidemiology; tenured effective 9/2013) Director, Online MPH in Epidemiology Texas A&M Health Science Center School of Public Health (formerly School of Rural Public Health)</p>	<p>2013-2015</p>
<p>Assistant Professor (Epidemiology; tenure track) Texas A&M Health Science Center School of Rural Public Health</p>	<p>2010-2013</p>
<p>Graduate Faculty Member School of Graduate Studies Texas A&M Health Science Center</p>	<p>2013-present</p>
<p>Adjunct Assistant Professor (Epidemiology) The University of Texas Health Science Center at Houston School of Public Health - San Antonio Regional Campus</p>	<p>2011-2015</p>
<p>Assistant Professor (Epidemiology; tenure track) The University of Texas Health Science Center at Houston School of Public Health - San Antonio Regional Campus</p>	<p>2007-2010</p>
<p>Adjunct Assistant Professor (Epidemiology) The University of Texas Health Science Center San Antonio School of Medicine-Department of Epidemiology & Biostatistics</p>	<p>2007-2010</p>
<p>Assistant Professor (Epidemiology; non-tenure track) Texas A&M Health Science Center School of Rural Public Health</p>	<p>2006-2007</p>
<p>Project Director <i>Migrant Adolescent Health Research Study/The WorkLife Study</i> The University of Texas Health Science Center at Houston School of Public Health - San Antonio Regional Campus</p>	<p>2007-present</p>
<p>Texas A&M Health Science Center School of Rural Public Health</p>	<p>2006-2007</p>
<p>Project Manager <i>STARRS: South Texas Adolescent Rural Research Study</i> <i>(A Study of Work Injuries in Farmworker Children)</i> Texas A&M Health Science Center School of Rural Public Health</p>	<p>2002-2007</p>
<p>Project Manager <i>Injury and Illness Surveillance in Migrant Farmworkers</i> The University of Texas Health Science Center at Houston School of Public Health</p>	<p>2000-2003</p>

Reviewer/Data Abstractor The Guide to Community Preventive Services Program Seatbelt Interventions Section Centers for Disease Control & Prevention	2000-2001
Graduate Research Assistant The University of Texas Health Science Center at Houston School of Public Health	1999-2000
Research Intern Texas Transportation Institute, Safety Division The Texas A&M University System	1999 (summer)
Intern Division of Occupational and Environmental Health Texas Department of Health	1998

TEACHING EXPERIENCE

<i>Primary Instructor</i> Epidemiologic Methods III	2011-2015
Fundamentals of Epidemiology (online)	2011-2015
Epidemiologic Methods I (online)	2013-2015
Introduction to Epidemiology (online)	2008-2010
Epidemiologic Data Management & Analysis	2009-2010
Review of Introduction to Biostatistics	2003

AWARDS & HONORS

Outstanding Professor in Epidemiology and Biostatistics Texas A&M School of Public Health	2014
Outstanding Professor in Epidemiology and Biostatistics Texas A&M School of Rural Public Health	2013
MD/MPH Program Award of Appreciation The University of Texas Health Science Center at San Antonio Medical School.	2010
John P McGovern Outstanding Faculty Teaching Award Nominee The University of Texas Health Science Center at Houston School of Public Health	2008, 2010
NIH LRP National Institutes of Health (NIH) Pediatric Loan Repayment Program (LRP)	2007-2009
MALRC Fellow Mexican American and US Latino Research Center Texas A&M University	2005-2007

Best Student Abstract Texas Public Health Association 80 th Educational Conference	2005
Occupational Epidemiology Trainee National Institute for Occupational Safety & Health / The Southwest Center for Occupational & Environmental Health The University of Texas Health Science Center at Houston School of Public Health	2001-2005
James P. Keogh Memorial Scholarship American Public Health Association Occupational Health & Safety Section	2001
Delta Omega Honorary Society in Public Health Alpha Iota Chapter	2001

FUNDED RESEARCH (CURRENT)

Note: Effort is approximate and varies monthly based on project demands.

Principal Investigator (10% effort). Integrating Motor Vehicle Crash and Injury Data in AgFF Surveillance and Research. R01 type grant funded by NIOSH/CDC through The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler (Cooperative agreement U50 OH07541); October 2022 – Aug 2027. \$610,000 (direct and indirect costs).

Principal Investigator (20% effort). Developing Experiential and Evidence-Based Truck Driver Training on Work Zone Safety in Texas. Federal Motor Carrier Safety Administration (FM-MHP-Number Pending); Oct 2022 – Sept 2024; \$385,261 (direct and indirect costs).

Principal Investigator (20% effort). Improving Crash Reporting and Logging Truck Safety on Rural Roadways in the ARK-LA-TEX Region. Federal Motor Carrier Safety Administration (FM-MHP-Number Pending); Oct 2022 – Sept 2024; \$365,995 (direct and indirect costs).

Principal Investigator (10% effort). Texas Traffic Records Coordinating Committee (TRCC). Texas Department of Transportation. (2022-TTI-G-1YG-0045). Oct 2022 – Sept 2023. \$147,487 (direct and indirect costs).

Principal Investigator on subcontract (5-20% effort). Texas Healthcare Transformation and Quality Improvement Renewal Evaluation: 1115 Medicaid Waiver Demonstration Renewal in Texas DY7-DY11. Texas Health and Human Services Commission (HHS000590500001); Aug 2020 – Sept 2023; \$282,506 (subcontract direct and indirect costs). PI: Kum, H.

FUNDED RESEARCH (COMPLETED)

Principal Investigator (10% effort). Data Innovations to Reduce High-Risk Driving for CMVs on Rural Roadways in Texas. Federal Motor Carrier Safety Administration (FM-MHP-0590-21); Oct 2021 – Sept 2023; \$309,414 (direct and indirect costs).

Co-Principal Investigator (10% effort). Identifying Best Practices for Implementing MMUCC into Crash Reporting Forms from NHTSA Region 6. Federal Motor Carrier Safety Administration. (FM-MHP-0538-20); Oct 2020 – Sept 2023; \$190,813 (direct and indirect costs).

Principal Investigator (10% effort). Training Law Enforcement Officers on Reporting Large Truck Crashes in CRIS. Federal Motor Carrier Safety Administration (FM-MHP-0544-20); Oct 2020 – Sept 2023; \$223,000 (direct and indirect costs).

Principal Investigator (20% effort). Understanding Rear-End Crashes Involving Large Trucks on Rural Versus Urban Roads in Texas. Federal Motor Carrier Safety Administration (FM-MHP-0542-20); Oct 2020 – Sept 2023; \$274,000 (direct and indirect costs).

Co-Principal Investigator (5% effort). The Relative Injury Risk of Different Travel Modes in the Time of COVID-19. Safety Through Disruption (SAFE-D). University Transportation Center Virginia Tech Transportation Institute – Texas A&M Transportation Institute. \$132,662 (direct and indirect costs).
Principal Investigator (10% effort). Leveraging Motor Vehicle Crash Data for Injury Surveillance in AFF. R21 type grant funded by NIOSH/CDC through The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler (Cooperative agreement U50 OH07541); Sept 2016 – Aug 2022. \$383,464 (direct and indirect costs).

Principal Investigator (15% effort). Guidance for Employer - Based Behavioral Traffic Safety Programs for Drivers in the Workplace. Behavioral Traffic Safety Cooperative Research Program (BTSCR P BTS-01); Dec 2019 – Dec 2021. \$350,000 (direct and indirect costs).

Principal Investigator (10% effort). Texas Traffic Records Coordinating Committee (TRCC). Texas Department of Transportation. (2021-TTI-G-1YG-0035). Oct 2021 – Sept 2022. \$104,216 (direct and indirect costs).

Principal Investigator (20% effort). Improving CMV Safety on Rural Roads in Texas: From Data to Information for Law Enforcement and Large Truck Drivers. Federal Motor Carrier Safety Administration (FM-MHP-0457-19); Oct 2019 – Sept 2022; \$275,000 (direct and indirect costs).

Co-Principal Investigator (10% effort). Texas CMV Crash Form MMUCC Assessment. Federal Motor Carrier Safety Administration (FM-MHP-0454-19); Oct 2019 – Sept 2022; \$150,272 (direct and indirect costs).

Principal Investigator (25% effort). Colorado State Patrol: Epidemiological Study MOST Program. Colorado Department of Transportation (FM-MHP-17-001). April 2017 – July 2021. \$123,155 (direct and indirect costs).

Principal Investigator (8% effort). Louisiana's Alcohol-Impaired Driving Problem: An Analysis of Crash and Cultural Factors. Louisiana Transportation Research Center. (DOTL1000209). Aug 2018 – Jun 2021. \$175,000 (direct and indirect costs).

Co-Investigator (15% effort). Safety Analysis in Support of Traffic Operations – Texas SHSP Support. Texas Department of Transportation. Sept 2017 – Aug 2018. \$218,540 (direct and indirect costs). PI: Geedipally, S.

Co-Investigator (5% effort). 2018 Statewide Traffic Safety Conference. Texas Department of Transportation. Sept 2017 – Aug 2018. \$98,728 (direct and indirect costs). PI: Wunderlich, R.

Co-Principal Investigator (30% effort). Identifying Infrastructure-Based Motorcycle Crash Countermeasures – Phase I. United States Department of Transportation/Federal Highway Administration (DTFH6116D00039); Sept 2017 – Dec 2018. \$249,847 (direct and indirect costs).

Principal Investigator (20% effort). Improving the Collection and Reporting of CMV Crash Data in CRIS. Federal Motor Carrier Safety Administration (FM-MHP-0300-17); Oct 2017 – Sept 2019; \$197,336 (direct and indirect costs).

Principal Investigator (10% effort). Identifying Factors and Trends to Improve Motorcycle Safety in Texas. Texas Department of Transportation (2018-TTI-G-1YG-0100). Oct 2017 – Sept 2018. \$84,000 (direct and indirect costs).

Co-Investigator (25% effort). A Data-Driven Safety Analysis Framework for the Beaumont District. Texas Department of Transportation (5-9052-01). Sept 2017 – Feb 2019 \$590,836 (direct and indirect costs). PI: Wunderlich, R.

Principal Investigator (10-25% effort). Texas Transportation Crash Data. Texas Department of State Health Services (Contract No. 2016-049288); May 2016 – Sept 2016. \$69,741 (direct and indirect costs).

Co-Principal Investigator (5% effort). Developing a Comparative Connectivity Index for Use in Assessing EMS Response to Motor Vehicle Crashes in Rural Areas: A Pilot Study. Texas A&M Transportation Institute Center for Transportation Safety; Sept 2016 – Aug 2017. \$25,000 (direct costs).

Principal Investigator (20% effort). Neuromotor Function and Work Injury Risk among Hispanic Adolescent Farmworkers (a.k.a. The HIP Project). R01 type grant funded by NIOSH/CDC through The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler (Cooperative agreement U50 OH07541); Sept 2011 – Aug 2016. \$724,345 (direct & indirect costs).

Principal Investigator (8.3% effort). Assessing the Feasibility of Creating an Integrated Crash and Injury Data System for Texas. Texas Transportation Institute; May 2014 – Aug 2014. \$50,000 (direct costs).

Collaborator. (8.3% effort). Innovative Approaches for Analyzing SEER Breast Cancer Data. R03 grant funded by NIH-NCI; April 2013 – May 2015. \$156,573 (direct and indirect costs). PI: Sinha, S.

Principle Investigator (15-25% effort). Subcontract to Community-Academic Linkages to Build a National Network for Farmworker Research. NIH/NIEHS (1RC4ES019405). Jun 2010 – Jun 2013. \$999,999 (direct & indirect costs); subcontract amount (\$31,908). PIs: Cooper, SP, Hendrikson, E, and Ryder, B.

Co-Principal Investigator (10% effort). Promoting Stress Self-Regulation with Physiological Training Games. Qatar National Research Fund. (NPRP No.: 5-678-2-282). Jan 2013 – Dec 2015. \$1,049,334. Lead PIs: Gutierrez-Osuna, R & Ahmed, B.

Collaborator (7% effort). Comparative Analysis of Industrial Use Anti-Fatigue Mats. Let's Gel Inc. Nov 2012-Feb 2013. PI: Pickens, A.

Co-Investigator (40% effort). Migrant Adolescent Health Research Study. R01 type grant funded by NIOSH/CDC through The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler (Cooperative agreement U50 OH07541); Sept 2006 – Jun 2012. \$875,000 (direct costs). PI: Cooper, SP. Role changed as of 2011 to Principal Investigator (15% effort) of a subcontract through UTSPH. \$42,428.00

Co-Investigator (40% effort). Migrant Adolescent Health Research Study. R01 type grant funded by NIOSH/CDC through The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler (Cooperative agreement U50 OH07541); Sept 2006 – Jun 2012. \$875,000 (direct costs). PI: Cooper, SP. Role changed as of 2011 to Principal Investigator (15% effort) of a subcontract through UTSPH.

Co-Investigator/Mentor. Assessing the impact of loss to follow-up in a cohort study of South Texas adolescent farmworkers: Implications for planning a cohort study.” SWCOEH/NIOSH. Jan 2010 – Jun 2011 PI: Christina Socias, DrPH student at UTSPH-SARC.

Principal Investigator (25% effort). Alamo Area Community Information System Datacenter. Contract through the San Antonio Area Foundation. Nov 2008 – Dec 2010. \$400,336 (direct & indirect costs).

Principal Investigator (30% effort). U.S.-Mexico Border MCH Epidemiology Capacity Building. Contract through CDC / USMBHA. Dec 2008 – June 2009. \$16,723 (direct costs). (No-cost extension; project ongoing.)

Assistant Professor (2% effort). Southwest Center for Occupational and Environmental Health. Training grant funded by NIOSH/CDC (T42/OH0008421); July 2006 – June 2010. \$5,008,016 (direct costs). PI: Felknor, S.

Consultant. The Migrant Farmworker Experience: An Ethno-Occupational Health Assessment. Pilot project funded by NIOSH/CDC through The Southwest Center for Agricultural Health Injury Prevention and Education at The University of Texas Health Center at Tyler. Sept 2007 – Sept 2008. \$10,000 (direct costs). PI: Snipes, SA.

Principal Investigator. Measuring Psychosocial Job Exposures and Back Pain in Hispanic Teen Workers. Texas A&M University Health Science Center Research Development Grant. Feb 2007 – Feb 2008. \$12,348 (direct costs). *Although awarded, this project was never initiated, and funds were returned due to change in institution.*

Co-Principal Investigator. Back Symptoms and Work among Farmworker Adolescents from Starr County, Texas. Mexican American and US Latino Research Center (MALRC) at Texas A&M University. Sept 2005 – 2006. \$13,000 (direct costs).

Principal Investigator. Use of Dust Wipe Samples to Assess Pesticide Exposure in Farmworkers While Migrating. NIOSH/CDC through The University of Texas Southwest Center for Occupational and Environmental Health. Oct 2002 – Sept 2003. \$10,000 (direct costs).

PUBLICATIONS

* indicates a student project or mentee

- Shipp, E. M.**, Trueblood A. B., Kum, H. C., Perez, M., Vasudeo, S., Sinha, N., Wu, L., Ko, M., Pant, A. Addressing injury surveillance and research needs in AgFF using motor vehicle crash records. *Journal of Safety Research*. (In press)
- Alambeigi, H.*, McDonald, A., Manser, M., **Shipp, E. M.** Predicting Driver Errors During Automated Vehicle Takeovers. *Transportation Research Board*. (In press)
- Sinha, N.*, **Shipp, E. M.**, Struttman, T., Payne, S. C., Borowiec, J. D. Risk perceptions in agricultural aviation. *Journal of Agromedicine*. (In press)
- Kim J., Trueblood A.B., Kum H.C., **Shipp E.M.** (2021). Crash narrative classification: Identifying agricultural crashes using machine learning with curated keywords. *Traffic Inj. Prev.*22:1, 74-78.
- Shipp, E.M.**, Vasudeo, S., Trueblood, A. B., & Garcia, T. P. (2019). Single vehicle logging-related traffic crashes in Louisiana from 2010-2015. *Journal of Agromedicine*, 24(2), 177-185.
- Trueblood, A. B., Pant, A., Kim, J., Kum, H., Perez, M., Das, S., & **Shipp, E. M.** (2019). A semi-automated tool for identifying agricultural roadway crashes in crash narratives. *Traffic Injury Prevention*, 20(4), 413-418. DOI: 10.1080/15389588.2019.1599873
- Shipp, E. M.**, Cooper, S. P., Jiang, L., Trueblood, A., Ross, J. (2019). Influence of work on elevated blood pressure in Hispanic adolescents in South Texas. *International Journal of Environmental Research and Public Health*, 16(7), 1096.
- Trueblood, A. B., Ross, J. A., **Shipp, E. M.**, McDonald, T. J. (2019). Feasibility of portable fingerstick cholinesterase testing in adolescents in South Texas. *Journal of Primary Care & Community Health*, 10, 1-6.
- Zhang, Z., Sinha, S., Maiti, T., **Shipp, E.** (2018). Bayesian variable selection in the accelerated failure time model with an application to the surveillance, epidemiology, and end research breast cancer data. *Statistical Methods in Medical Research*. 27(4), 971-990.
- Trueblood, A. B., Han, D., **Shipp, E. M.**, Cizmas, L.H. (2018). Exploring demographic and environmental factors related to unintentional pesticide poisonings in children and adolescents in Texas. *Environmental Health and Toxicology*, Mar 26; 33(2), e2018008.
- Trueblood, A. B., **Shipp, E. M.** (2017). Characteristics of acute occupational pesticide exposures reported to poison control centers in Texas, 2000-2015. *Archives of Environmental & Occupational Health*, 73(4), 228-235. DOI: 10.1080/19338244.2017.1339011
- Snipes, S. A., Cooper, S. P., **Shipp, E. M.** (2017). “The only thing I wish I could change is that they treat us like people and not like animals”: Injury and discrimination among Latino farmworkers. *Journal of Agromedicine* 22(1), 36-46.
- Sansom, G.*, Parras, J., Parras, A., Nieto, Y., Arellano, Y., Berke, P., McDonald, T., **Shipp, E.**, Horney, J. A. (2017). The impacts of exposure to environmental risk on physical and mental

health in a small geographic community in Houston, TX. *Journal of Community Health* 42(4), 813-818.

Zhang, Z., Sinha, S., Maiti, T., **Shipp, E.** (2016). Bayesian variable selection in the accelerated failure time model with an application to the surveillance, epidemiology, and end results breast cancer data. *Statistical Methods in Medical Research* 27(4), 971-990.

Trueblood, A. B. *, **Shipp, E.**, Han, D., Ross, J., Cizmas, L. H. (2016). Pesticide-related hospitalizations among children and teenagers in Texas, 2004-2013. *Public Health Reports* 131(4), 588-596.

Trueblood, A. B. *, Forrester, M. B., Han, D., **Shipp, E. M.**, Cizmas, L. H. 2016. Pesticide-related poison center exposures and adolescents aged ≤ 19 years in Texas, 2000-2013. *Clinical Toxicology* 54(9), 852-856.

Ross, J. A., **Shipp, E. M.**, Trueblood, A. B., Bhattacharya, A. (2016). Ergonomics and beyond: Understanding how chemical and heat exposures and physical exertions at work affect functional ability, injury, and long-term health. *Human Factors* 58(5), 777-795.

Sansom, G. *, Berke, P., McDonald, T., **Shipp, E.**, Horney, J. (2016). Confirming the environmental concerns of community members utilizing participatory-based research in the Houston neighborhood of Manchester. *International Journal of Environmental Research and Public Health*, 13(9), 839.

Miller, K. E. *, Benden, M. E., **Shipp, E. M.**, Pickens, A. W., Wendel, M. L., Provonost, P. J., Watts, B. V. (2016). Predicting violent behavior in clinical settings: a case-control study of a mental health inpatient unit. *Journal of Health Protection Management*, 32(1), 106-19.

Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J., Bautista, L. E., Levin, J. (2016). Cardiovascular disease risk factors in Hispanic adolescents in South Texas. *South Medical Journal* 109(2), 130-6.

Levin, J. L., Gilmore, K., Wickman, A., Shepherd, S., **Shipp, E.**, Nonnenmann, M., Carruth, A. (2016). Workplace safety interventions for commercial fishermen of the Gulf. *Journal of Agromedicine*, 21(2), 178-9.

Vuong, A. M. *, Shinde, M. U., Brender, J. D., **Shipp, E. M.**, Huber, J. C., Sharkey, J. R., McDonald, T. J., Werler, M. M., Kelley, K. E., Griesenbeck, J. S., Langlois, P. H., Canfield, M. A., NBDPS. (2016) Prenatal exposure to nitrosatable drugs, dietary intake of nitrites, and preterm birth. *American Journal of Epidemiology*, 183(7), 634-642.

Vuong, A. M. *, Shinde, M. U., Brender, J. D., **Shipp, E. M.**, Huber, J. C., Zheng, Q., McDonald, T. J., Sharkey, J. R., Hoyt, A. T., Werler, M. M., Kelley, K. E., Langlois, P. H., Canfield, M. A., NBDPS. (2015). Nitrosatable drug exposure during pregnancy and preterm and small-for-gestational-age births. *Paediatric and Perinatal Epidemiology*, 29(1), 60-71.

Han, D., **Shipp, E. M.**, Gorman, D. M. (2015). Evaluating the effects of a large increase in off-sale outlets on motor vehicle crashes: a time-series analysis. *International Journal of Injury Control and Safety Promotion*, 22(4), 320-7.

- Bhandari, R., Parnandi, A., **Shipp, E.**, Ahmed, B., Gutierrez-Osuna, R. (2015). Music-based respiratory biofeedback in visually-demanding tasks. *Proceedings of the International Conference on New Interfaces for Musical Expression*.
- Cooper, S. P., Heyer, N., **Shipp, E. M.**, Ryder, E. R., Hendrikson, E., Socias, C. M., del Junco, D. J., Valerio, M., Partida, S. (2014). Community Based Research Network: Opportunities for coordination of care, public health surveillance, and farmworker research. *Online Journal of Public Health Informatics, 16*;6(2), e190
- Paterson, C., Miller, K. *, Benden, M., **Shipp, E.**, Pickens, A., Wendel, M., Provonost, P. (2014). The safe day call: Reducing silos in health care through frontline risk assessment. *Joint Commission Journal on Quality and Patient Safety, 40*(10), 476-480.
- Parnandi A*, Ahmed, B., **Shipp, E.**, Gutierrez-Osuna, R. (2013). Chill-Out: Relaxation training through respiratory biofeedback in a mobile casual game. *Proceedings from the Fifth International Conference on Mobile Computing, Applications and Services (MobiCASE 2013)*.
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Cooper, C. J., Whitworth, R. E. 2013. Acute occupational injury among adolescent farmworkers from South Texas. *Injury Prevention, 19*, 264-70. *Editor's choice for August 2013*.
- Benden M, Pickens A, **Shipp E**, Perry J, Schneider D. 2013. Evaluating a school based childhood obesity intervention for posture and comfort. *Health, 5*(8A3), 4-60.
- Miller, K. *, Benden, M., Pickens, A., **Shipp, E.**, Zheng, Q. (2012). Ergonomics principles associated with laparoscopic surgeon injury/illness. *Human Factors, 54*(6), 1087-92.
- Schwebel, D. C., Roth, D. L., Elliott, M. N., Chien, A. T., Mrug, S., **Shipp, E.**, Dittus, P., Zlombke, K., Schuster, M. A. (2012). Marital conflict and fifth-graders' risk for injury. *Accident Analysis and Prevention, 47*, 30-5.
- Schwebel, D. C., Roth, D. L., Elliott, M. N., Visser, S., Toomey, S. L., **Shipp, E. M.**, Grunbaum, J. A., Schuster, M. A. (2011). Association of externalizing behavior disorder symptoms and injury risk among fifth graders. *Academic Pediatrics, 11*(5), 427-31.
- Whitworth, K. W. *, **Shipp, E. M.**, Cooper, S. P., del Junco, D. J. (2010). A pilot study to examine symptoms of neurotoxicity and injury among adolescent farmworkers in Starr County, Texas. *International Journal of Occupational and Environmental Health, 16*(2), 138-144.
- Shah, D. J. *, **Shipp, E. M.**, Cooper, S. P., Huber, J. C., del Junco, D. J., Rene, A. A., Moore, J. S. (2009). Hand problems in migrant farmworkers. *Journal of Agricultural Safety and Health, 15*(2), 157-169.
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Delclos, G. D., Burau, K. D., Tortolero, S. R. (2009). Chronic back pain and associated work and non-work variables among farmworkers from Starr County, Texas. *Journal of Agromedicine, 14*(1), 22-32. *One of the top 5 most cited articles from 2009-2011.
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Delclos, G. D., Burau, K. D., Tortolero, S. R. (2007). Severe back pain among farmworker high school students from Starr County, Texas: baseline results. *Annals of Epidemiology, 17*(2), 132-41.

- Shipp, E. M.,** Cooper, S., P., del Junco, D. J., Bolin, J. N., Whitworth, R. E., Cooper, C.J. (2007). Pesticide safety training among farmworker adolescents from Starr County, Texas. *Journal of Agricultural Safety and Health*, 13(3), 311-321.
- Shipp, E. M.,** Cooper, S. P., Donnelly, K. C., Nalbhone, T. (2006). A feasibility study of the use of dust wipe samples to assess pesticide exposures in migrant farmworker families working in the United States. *Journal of Agromedicine*, 11(3/4), 83-93.
- Cooper, C. J., Cooper, S. P., del Junco, D. J., **Shipp, E. M.,** Whitworth, R. E., Cooper, S. R. (2006). Web data management for epidemiologic studies – a dynamic approach. *Epidemiologic Perspectives and Innovation*. 3, 1. *Highly accessed.
- Burau, K. D., **Shipp, E. M.,** Cooper, S. P., Frankowski, R., McKinnon, S., Walker, K. M. (2006). Assessing the strategy of using mothers as proxy respondents for collecting occupational hazard, illness symptom, and injury data on migrant farmworker families. *Journal of Agromedicine*, 11(1), 17-26.
- Cooper, S. P., Burau, K. D., Frankowski, R., **Shipp, E. M.,** del Junco, D. J., Whitworth, R. E., Sweeney, A. M., MacNaughton, N., Weller, N. F., Hanis, C. L. (2006). A cohort study of injuries in migrant farmworker families in South Texas. *Annals of Epidemiology*, 16(4), 313-320.
- Cooper, S. R., Cooper, S. P., Felknor, S., Santana, V., Fischer, F., **Shipp, E. M.,** Vela-Acosta, S. M. (2005). Commentary: Non-traditional work factors in farmworker adolescent populations: implications for health research and interventions. *Public Health Reports*, 120(6), 622-630.
- Cooper, S. P., Weller, N. F., Fox, E. E., Cooper, S. R., **Shipp, E. M.** (2005). Comparative description of migrant farmworkers vs. other students attending South Texas schools: Demographic, academic, and health characteristics. *Texas Medicine*, 101(8), 58-62.
- Shipp, E. M.,** Tortolero, S., Cooper, S. P., Weller, N., Baumler, E. (2005). Substance use and occupational injuries among high school students in South Texas. *American Journal of Drug and Alcohol Abuse*, 31(2): 253-265.
- Shipp, E. M.,** Cooper, S. P., Burau, K. D., Bolin, J. N. (2005). Pesticide safety training and access to field sanitation among migrant farmworker mothers from Starr County, TX. *Journal of Agricultural Safety and Health*, 11(1), 51-60.

PUBLISHED ABSTRACTS

- Shipp, E. M.**, Trueblood, A. B., Kum, H. C., Garcia, T., Vasudeo, S., Perez, M. (2020). JA: 2021-33. Logging Truck Crashes in the SW Agricultural Region: Examining Severity and Associated Factors. *Journal of Agromedicine*, 25(3), 257-258. (Published abstract.)
- Shipp, E. M.**, Bhattacharya, A., Cox, C., Maindale, S., Jiang, L., McDonald, T. (2014). Neuromotor Function and Work Injury Risk Among Hispanic Adolescent Farmworkers: Pilot Test Findings. *Journal of Agromedicine*, 19(2), 239-40. (Published abstract.)

SELECTED RESEARCH REPORTS, STATEWIDE PLANS TOOLS & BOOK CHAPTERS

- Web Tool Guidance for Employer - Based Behavioral Traffic Safety Programs for Drivers in the Workplace. Behavioral Traffic Safety Cooperative Research Program (BTSCRCP BTS-01). (Development site for web tool <https://btscrpdev.wpengine.com/> ; web tool currently migrating to the federal TRB BTSCRCP website.)
- Web Tools for Fleet Operators, Truck Drivers, and Law Enforcement. Improving CMV Safety on Rural Roads in Texas: From Data to Information for Law Enforcement and Large Truck Drivers: Federal Motor Carrier Safety Association FMCSA. FM-MHP-0457-19. [Improving CMV Safety on Rural Roads in Texas: From Data to Information for Law Enforcement and Large Truck Drivers — Center for Transportation Safety \(tamu.edu\)](#)
- Shipp, E. M.**, Geedipally, S., Wu, L., Perez, M., Martin., M. Perkinson, D. (2022). Improving CMV Safety on Rural Roads in Texas: From Data to Information for Law Enforcement and Large Truck Drivers: Task 9 Final Report. Federal Motor Carrier Safety Association FMCSA. FM-MHP-0457-19.
- Shipp, E. M.**, Trueblood, A. B., Perez, M., Trefz, B. A., & Lloyd, M. (2022). Texas CMV Crash Form MMUCC Assessment: Final Report. Federal Motor Carrier Safety Association FMCSA. FM-MHP-0454-19.
- Shipp, E. M.**, Trueblood, A. B., Bierling, D., Perez, M., Ericson-Graber, P., Prescott, J., Graber, J., Warner, J., Morgan, C., Wu, L., Pant, A. (2019). Improving the Collection and Reporting of CMV Crash Data in Texas: Final Project Report. Federal Motor Carrier Safety Association. FMCSA FM-MHP-0300-17.
- Wunderlich, R., Dixon, K., Wu, L., Geedipally, S., **Shipp, E. M.** (2020). A Data-Driven Safety Analysis (DDSA) Framework for the Beaumont District. A data driven safety analysis: A user guide. TxDOT 5-9052-01. Available at: [Data-Driven Safety Analysis: A User Guide \(tamu.edu\)](#)
- Shipp, E. M.**, Perez, M., McDonald, J., Ericson-Graber, P., Walden, T. (2020). Motorcycle Record Linkage Process and Results. Texas Department of Transportation Technical Memo. 2020-TTI-G-1YG-0038 (2).
- Wunderlich, R. C., **Shipp EM.** (2020). Perspectives on Road Safety Through the Lens of Traffic Crashes in the United States. Transportation and Health. (M. Nieuwenhuijsen and H. Khreis, Eds.) Elsevier.

- Trueblood, A.B., Manser, M., **Shipp, E.**, Havemann C. (2018). Identifying Infrastructure-Based Motorcycle-Crash Countermeasures: Phase I. FHWA DTFH6116D00039. Report No. FHWA-HRT-18-062.
- Bents, F., Das, S., Flannagan, C., Florence, D., Higgins, L., Manser, M., Schulz, N., **Shipp, E.**, Trueblood, A., Wilson, B. (2018). Task B: MCCS Data Analysis Report and Literature Review Final Report. FHWA DTFH6116D00039. Available at: http://subashish.github.io/SD_Conts/2017%20Bents%20FHWA%20Motorcycle%20Countermeasure%20MCCS.pdf.
- Texas Strategic Highway Safety Plan Management Team (**Shipp, E. M.** as lead). Texas Strategic Highway Safety Plan 2017-2022. Available at: <http://www.texasshsp.com>.
- Manser, M, **Shipp, E. M.** (2016). Project 2016-048696 Final Report, Using Texas Crash Records and EMS Registry Data to Identify Traffic Safety Issues in Small and Local Communities.
- Shipp, E. M.**, Wunderlich R., Perez M., Ko M, Pant A, Martin M, Chigoy B., Trueblood AB. (2016). Project 2016-TTI-G-1YG-0029 Final Report, Comprehensive Analysis of Motorcycle Crashes in Texas: A Multi-Year Snapshot.
- Elgart, Z., **Shipp, E. M.**, Cardenas, J., Hansen, T., Pant, A. 2016. *Transportation network companies present opportunities to increase safety and broaden TTI's research* (TTI Research Report TTI/SRP/16/165608-1).
- Shipp, E. M.**, Wunderlich, R., del Junco, D. J., Holcomb, J., Fox, E. E., Tomasek, J., Perez, M., Geedipally, S., Ferdinand, A., Benden, M., Maindale, S. (2015). Assessing the feasibility of creating an integrated crash and injury data system for Texas. College Station (TX): Texas Transportation Institute. Final Report TTI/SRP/15/161413-1.

SELECTED PRESENTATIONS

- Shipp, E. M.** Sinha, N., Ramezani, M., Perez, M., and **Shipp, E. M.** (2023). Promoting health and reducing crashes for the long haul. Association of Transportation Safety Information Professionals 2023 Traffic Records Forum. Nashville, TN. July 11 (oral presentation).
- Sinha, N., **Shipp, E. M.** Ramezani, M., and Perez, M. (2023). Building links to break the chain: Linking data to understand repeated crashers involved in fatal events. Association of Transportation Safety Information Professionals 2023 Traffic Records Forum. Nashville, TN. July 10 (oral presentation).
- Shipp, E. M.** (2023). Doing what works (More bang for your buck: Reaching more people through employer outreach). National Conference on Highway Safety Priorities: Lifesavers. Seattle, WA. April 3 (oral presentation).
- Shipp, E. M.** (2023). Motorcycle crash overview. National Conference on Highway Safety Priorities: Lifesavers. Seattle, WA. April 2 (oral presentation).
- Shipp, E. M.** (2022). Making rural roads safer in Texas: New Data Tools & Approaches to Driver Training. FMCSA Commercial Vehicle Safety Summit. Denver, CO. November 30 (oral presentation).

- Sinha, N., **Shipp E. M.**, Martin, M. and Ramezani, M. (2022, October 10-12). Quantifying Alternative Transportation Injury Risk using Health Records and Household Travel Survey Data. 19th International RS5C Conference, Grapevine, Texas, United States (oral presentation delivered by E. Shipp).
- Ramezani, M. and **Shipp, E. M.** (2022). Examining the unique crash patterns of drivers who repeatedly crash in Texas. Association of Transportation Safety Information Professionals 2022 Traffic Records Forum. Denver, CO. Aug 7-10 (oral presentation).
- Shipp, E. M.**, Trueblood, A. B., Kum, H. C., Vasudeo, S., Perez, M., Wu, L. 2022. Lessons Learned from Using Crash Records for Injury Surveillance in the AgFF Sector. NIOSH National Occupational Injury Research Symposium (NOIRS). Virtual conference. May 10-12 (moderator and oral presentation).
- Shipp, E. M.** and Martin, E. 2022. Getting Rid of Risky Riding. 2022 Texas Motorcycle Safety Forum. Kerrville, TX. April 8-9 (oral presentation).
- Alambeigi, H., McDonald, A., Manser, M., **Shipp, E. M.** 2022. Predicting Driver Errors During Automated Vehicle Takeovers. ACH30 Transportation Research Board Annual Meeting. Washington, DC. January 9-13 (oral presentation).
- Sinha, N., **Shipp, E. M.**, Struttman, T., Payne, S., Boroweic, J. (2021). Risk Perception among Part 137 Operators and Pilots. ASHCA 2021 Agricultural Safety Summit. March 22 (poster presentation).
- Shipp, E. M.** (2021). Rider Behaviors that Increase Risk. 2021 Texas Motorcycle Safety Forum. Online event. May 1 (oral presentation).
- Shipp, E.** (2020). Logging Truck Crashes: Examining Data from the SW AgCrash Surveillance System. Presentation at the NHTSA Regional Partners Safety Meeting. Ft. Worth, TX, January 15 (oral presentation).
- Shipp, E.**, Trueblood, A., Kum, H.C., Garcia, T., Vasudeo, S., Kim, J., & Perez, M. SW AgCrash: Leveraging Crash Data for Injury Surveillance in the Southwest Agricultural Region. (2019). Western Agriculture Safety and Health Conference, Seattle, WA, August 7-9 (poster presentation).
- Trueblood, A., **Shipp, E.**, Kum, H.C., Kim, J., & Pant, A. (2019). SW AgCrash: Mining Motor Vehicle Crash Report Narratives to Improve Worker Safety. International Society for Agricultural Safety and Health, Des Moines, IA, June 24-29 (poster presentation).
- Shipp, E.M.**, Trueblood, A., Pant, A., Kum, H.C., Garcia, T., Kim, J., Vasudeo, S., Perez, M. (2018). SW AgCrash: Leveraging Motor Vehicle Crash Data for Injury Surveillance and Research in AFF. National Occupational Injury Research Symposium, Morgantown, WV, October 16-18 (poster presentation).
- Shipp, E. M.** and Trueblood, A. B. (2018). How can road curves be analyzed to improve motorcycle safety? 2018 Texas Motorcycle Safety Forum. Austin, TX, March 29 (oral presentation).
- Martin, M. and **Shipp, E. M.** (2016). Using Texas Crash Records and EMS Registry Data to Identify Traffic Safety Issues in Small and Local Communities. Association of Transportation Safety

Information Professionals (ATSIP) Traffic Records Forum 2016. Baltimore, MD (oral presentation).

Elkins, A., **Shipp, E. M.**, Gorman, D. M., Wunderlich, R. C., Lawley, M. A. (2016). Systems models of the social ecology of traffic safety to analyze the effectiveness of interventions. Paper presented at the 60th Annual Meeting of the International Society for Systems Sciences, Boulder, CO. July 24–30 (oral presentation).

Shipp, E. M. (2015). Pilot project results (Crash-Trauma Data from Memorial Herman Hospital). Texas Traffic Safety Conference. Corpus Christi, TX. June 9 (oral presentation).

Shipp, E. M. (2014). Advancing research and careers through pilot projects: An example from farmworker health and safety. NIOSH ERC Pilot Projects Training Program 2014 Research Symposium. UTSPH-SWCOEH. Houston, TX. June 20 (keynote address).

Shipp, E. M. (2013). Farmworker Adults and Adolescents: Occupational Hazards in Texas Food Production. Annual Society of Toxicology Conference. San Antonio, TX. March 10 (oral presentation).

Shipp, E. M., Hendrikson, E., Cooper, S. P., Ryder, R., Partida, S., Heyer, N. (2011). Using Electronic Medical Records to Improve Farmworker Health: Building the Infrastructure. 2011 NCFH Midwestern Stream Forum. Albuquerque, NM. November 11 (oral presentation).

Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J., Levin, J. L., Socias, C. (2011). The Migrant Adolescent WorkLife Study. 2011 NCFH Midwestern Stream Forum. Albuquerque, NM. November 10 (poster presentation).

Shipp, E. M., Cooper, S. P., del Junco, D. J., Cooper, C. J. (2011). Chronic Back Pain among Adolescent Farmworkers. CDC/NIOSH: National Occupational Research Agenda (NORA) Symposium 2011: Achieving Impact through Research and Partnerships. Cincinnati, OH. July 12-13 (oral & poster presentation).

Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J., Levin, J. L., Socias, C. (2011). The Migrant Adolescent WorkLife Study. CDC/NIOSH: National Occupational Research Agenda (NORA) Symposium 2011: Achieving Impact through Research and Partnerships. Cincinnati, OH. July 12-13 (oral & poster presentation).

Shipp, E. M., Cooper, S. P., del Junco, D. J., Cooper, C. J., Heilbrun, L. (2010). Back Pain among Adolescents: Examining Farm Work Exposures. U.S. Department of Labor, Occupational Safety and Health Administration: National Action Summit for Latino Worker Health and Safety. Houston, TX. April 14 (poster presentation).

Shipp, E. M., Cooper, S. P., del Junco, D. J., Cooper, C. J., Heilbrun, L. (2010). Chronic Back Pain among Adolescents: Examining Farm Work Exposures. ASHCA/NIOSH Be Safe Be Profitable: Protecting Workers in Agriculture. Dallas, TX. January 27-28 (poster presentation).

- Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J., Levin, J. L., Bautista, L. E., Ponder, S. (2009). Migrant Adolescent WorkLife Study. NIOSH Invitational Intra/Extramural Agriculture, Forestry, and Fishing Safety and Health Workshop. Cincinnati, OH. August 11-12 (poster presentation).
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Cooper, C. J., Levin, J. L., Bautista, L. E., Ponder, S. (2008). Migrant Adolescent WorkLife Study. NIOSH r2p Workshop. Moving research to practice: It's all about the customer. Chapel Hill, NC. Oct 9-10 (oral presentation).
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Cooper, C. J., Levin, J. L., Bautista, L. E., Ponder, S. (2008). Migrant Adolescent WorkLife Study. New Paths: Health and Safety in Western Agriculture. Cle Elum, WA. November 11-13 (poster presentation).
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Cooper, C. J. (2007). Chronic Back Pain among Migrant Adolescents. 2007 NCFH Midwestern Stream Forum. San Antonio, TX. December 5 (oral presentation).
- Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J., Levin, J. L., Bautista, L. E., Ponder, S. (2007). Migrant Adolescent WorkLife Study. 2007 NCFH Midwestern Stream Forum. San Antonio, TX. December 5 (oral presentation).
- Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J., Levin, J. L., Bautista, L. E., Ponder, S. (2007). Migrant Adolescent WorkLife Study. The National Institute for Occupational Safety and Health WorkLife 2007 National Symposium: Protection and Promoting Worker Health. Bethesda, MD. September 10-11 (poster presentation).
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Delclos, G. D., Burau, K. D., Tortolero, S. R. (2006). Severe back pain among farmworker high school students from Starr County, Texas. 2nd North American Congress of Epidemiology. Seattle, WA. June 22 (Also presented during the TAMHSC-SRPH Research Poster Presentation for Public Health Week April 4-7) (poster presentation).
- del Junco, D. J., Cooper, S. P., **Shipp, E. M.**, Cooper, C. J. (2006). Injuries in South Texas farmworker adolescents. 2nd North American Congress of Epidemiology. Seattle, WA. June 22 (poster presentation).
- Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Cooper, C. J. (2005). A Study of Injuries in Farmworker Adolescents. Midwest Farmworker Stream Forum. South Padre Island, TX. November 12 (oral presentation).
- Shipp, E. M.**, Cooper, S. P., del Junco, D. J., Burau, K. (2005). Back Pain in Migrant Farmworker Families from Starr Co., TX. Texas Public Health Association 80th Educational Conference. Odessa, TX. April 24 (oral presentation).
- Cooper, S. P., **Shipp, E. M.**, del Junco, D. J., Whitworth, R. E., Cooper, C. J. (2004). Work injuries among adolescent farmworkers. 2004 National Symposium on Agricultural Health and Safety. Keystone, CO. June 20-24 (oral presentation).

- Cooper, S. P., Burau, K., **Shipp, E. M.**, Frankowski, R., Oliphant, D., Sweeney, A. M., del Junco, D., Whitworth, R. (2003). Injuries in Farmworker Families: An Elusive Concept. Future of Rural Peoples: Rural economy, healthy people, environment, rural communities. Fifth International Symposium. Saskatoon, Canada. October 19-23 (oral presentation).
- Shipp, E. M.**, Cooper, S. P., Burau, K., Frankowski, R. (2003). Pesticide Safety Training in Migrant Farmworker Mothers and Children from Starr County. Future of Rural Peoples: Rural economy, healthy people, environment, rural communities. Fifth International Symposium. Saskatoon, Canada. October 19-23 (oral presentation).
- Cooper, S. P., Burau, K., **Shipp, E. M.**, Frankowski, R., MacNaughton, N., Hanis, C., Sweeney, A. M., Freimanis, L., Oliphant, D., Weller, N. (2003). Health Studies of Migrant Farmworkers in Texas. Texas Education Agency—Migrant Education Conference. Austin, TX July. 24 (oral presentation).
- Cooper, S. P., Burau, K., **Shipp, E. M.**, Frankowski, R., MacNaughton, N., Hanis, C., Sweeney, A. M., Freimanis, L., Oliphant, D., Weller, N. (2003). Injuries in Migrant Farmworker Families. National Occupational Research Agenda Symposium. Crystal City, Arlington, VA. June 23-24 (oral presentation).
- Shipp, E. M.**, Cooper, S. P., Burau, K., Frankowski, R. (2002). Pesticide Safety Training in Migrant Farmworker Mothers from Starr County, Texas. Agromedine 15th Annual Meeting. San Diego, CA. November 18-19 (poster presentation).
- Freimanis, L., Shapiro, C., Cooper, S. P., **Shipp, E. M.** (2002). Assessing occupational injuries in farmworkers: rapid assessment techniques in injury epidemiology. Midwest Farmworker Stream Forum. New Orleans, LA. November 22 (oral presentation).
- Shipp, E.** and Freimanis, L. (2001). Injury & Illness Surveillance in Migrant Farmworker Families Residing in Starr Co., TX. Midwest Farmworker Stream Forum. Austin, TX. December 8 (oral presentation).
- Shipp, E.**, Tortolero, S., Cooper, S., Baumler, E., Weller, N. (2001). Adolescent Occupational Injuries and Substance Use among Students in South Texas, 1995. Annual Meeting & Exposition of the American Public Health Association. Occupational Health & Safety Section. Atlanta, GA. October 23 (poster presentation).
- Cooper, S. P., Burau, K., Frankowski, R., Sweeney, A., **Shipp, E.**, Weller, N., MacNaughton, N., Freimanis, L., Jimenez, R., Baum, G., Hanis, C. (2000). Work Injury and Illness Surveillance of Starr County Migrant Farmworker Families. Poster Presentation at the University of Texas Health Science Center Faculty Research Symposium. Houston, TX. October 6, 2000, and Annual UTPSH Faculty Research Symposium. Houston, TX. November 10 (poster presentation).
- Shipp E.** Driver Age and Intersection Crashes in Texas with a Focus on Older Drivers, 1975-1997. (1999). Public Health & Highway Safety Forum. College Station, Texas (oral presentation).

RESEARCH SUPERVISION

Dissertations

Ph.D. Dissertation Committee Member: Kesler Brock, Impacts of Transportation Specific Medical Evaluation on Accident Outcomes: a Multi-Dimensional Approach. Texas A&M School of Public Health Department of Health Policy and Management (*in process*).

Dr.P.H. Dissertation Committee Member/former Chair: Shubhangi Vasudeo. Estimating Behavioral Factors Associated with Logging-Related Crashes on Public Roadways in Louisiana (2010-2018). Texas A&M School of Public Health Department of Epidemiology and Biostatistics (*graduated May 2022*).

Dr.P.H. Dissertation Committee Member: Alexandro Daviano. Variables Associated with the Receipt of Blood Transfusions Among Critical Pediatric Trauma Patients at a Single Level 1 Trauma Center, Houston, Texas – 2011 to 2016. Texas A&M School of Public Health Department of Epidemiology and Biostatistics (*graduated Aug 2018*).

Dr.P.H. Dissertation Committee Member: Jeffrey Levin. Commercial Fishing Occupational Safety and Health in the Gulf and Agricultural Occupational Safety and Health in Graduate Medical Education. Texas A&M School of Public Health Department of Occupational and Environmental Health (*graduated Aug 2018*).

Dr.P.H. Dissertation Committee Member: Amber Trueblood. Understanding Childhood Environmental Exposures in Texas with a Focus on Pesticide Exposures. Texas A&M School of Public Health Department of Occupational and Environmental Health (*graduated Aug 2016*).

Dr.P.H. Dissertation Committee Member: Garrett Sansom. Assessment of Community Health and Environmental Risk Perceptions in the Neighborhood of Manchester, Houston, TX. Texas A&M School of Public Health Department of Epidemiology and Biostatistics (*graduated May 2016*).

Dr.P.H. Dissertation Committee Member: Heather Reddick. Public Health Assessment for the Indigenous People of the Chayanta Province of Bolivia. Texas A&M School of Public Health Department of Occupational and Environmental Health (*graduated May 2015*).

Dr.P.H. Dissertation Committee Member: Jennifer Ross. Environmental Health Education in Underserved Hispanic Communities. Texas A&M School of Public Health Department of Occupational and Environmental Health (*graduated Dec 2013*).

Dr.P.H. Dissertation Committee Member: Kristin Miller. Maximizing Human Performance Through the Use of Cognitive Artifacts to Improve Patient Safety. Texas A&M School of Public Health Department of Occupational and Environmental Health (*graduated Dec 2012*).

M.P.H. and M.S. Theses

M.S. Thesis Committee: Anthony Eason. Creating Entertaining Animations for Safety Education. Texas A&M University Department of Visualization (*graduated Dec 2018*).

M.P.H. Thesis Supervisor: Rachel Ainsworth. Prevalence of Symptoms of Neurotoxicity and

Potential Occupational Pesticide and Solvent Exposures among High School Students in Starr County, Texas. The University of Texas School of Public Health, San Antonio Regional Campus (*graduated spring 2011*).

M.P.H. Thesis Supervisor: Sima Momin. ADHD symptoms and Lead Exposure <10mg/dl in Children: A Systematic Review of Literature. The University of Texas School of Public Health, San Antonio Regional Campus (*graduated spring 2011*).

M.P.H. Thesis Supervisor: Nina Shiang. Family Health History Discussion in Patient-Provider Encounters. The University of Texas School of Public Health, San Antonio Regional Campus (*graduated spring 2010*).

M.P.H. Thesis Supervisor: Nicole Jaime. Attention-Deficit Hyperactivity Disorder and Antidepressants and Prescription Medications: A Pilot Study. The University of Texas School of Public Health, San Antonio Regional Campus (*graduated fall 2009*).

M.P.H. Thesis Supervisor: John Byrne. Sleep Quality and Quantity and Associated Factors among High School Students from South Texas. The University of Texas School of Public Health, San Antonio Regional Campus (*graduated spring 2009*).

M.P.H. Thesis Supervisor: Hari Sagiraju. Using GIS to Map Community Indicators. The University of Texas School of Public Health, San Antonio Regional Campus (*graduated summer 2009*).

M.P.H. Thesis Supervisor: Dimpy Shah. Hand Problems in Migrant Farmworker Families. Texas A&M School of Public Health Department of Epidemiology and Biostatistics (*graduated fall 2007*).

SERVICE

Technical Advisor to the State of Texas Traffic Records Coordinating Committee (2020-present)

NIOSH NORA Traumatic Injury Cross-Sector Council (2023-present)

NIOSH NORA Agriculture, Forestry, and Fishing Council (2019-present)

Agriculture, Forestry, and Fishing Surveillance Working Group (2017-present)

Southwest Center for Agricultural Health, Injury Prevention, and Education. Internal Advisory Committee (2016-present)

International Society for Agricultural Safety & Health (ISASH) Conference Planning Committee (2022-2023)

Texas A&M Institutional Review Board (2013-present)

Texas A&M Transportation Institute Strategic Data Team (2020-present)

Texas A&M Transportation Institute Compliance Committee (2020-present)

Humanitarian Tracker: Visualizing Information for Advocacy - Senior Epidemiologist (2012-2015)

Community Based Research Network (CBRN) Steering Committee member (2011-2015)

Texas A&M University Council of Principal Investigators (2012-2015)

Texas A&M Health Science Center – School of Rural Public Health Research Committee (2012-2015)

Texas A&M University Council of Principal Investigators Executive Committee (2013-2014)

Texas A&M University Price Waterhouse Cooper (PWC) Comprehensive Administrative Review Advisory Committee (appointed by Chancellor Sharp; 2013-2014)

Texas A&M Health Science Center Faculty Senate (2012-2014)

UTHSC-SARC representative for the Student Health Advisory Committee
The University of Texas Health Science Center at San Antonio (2008-2010)

National Center for Farmworker Health - Planning Committee member (2003-2007)

MEDIA AND WEB TOOLS

Thinking Transportation. February 12, 2021. [Episode 1: Whoa, That Was Close! Can we prevent crashes from happening by studying the ones that almost happened? — Texas A&M Transportation Institute \(tamu.edu\)](#)

Road Dog Trucking Talk Show. Sirius XM Radio. June 8, 2021. Preventing Truck Crashes by Mining Massive Data Sources.

Thinking Transportation. June 7, 2022. [Episode 34. When the Workplace Is Behind the Wheel: Improving occupational safety for truckers \(and the rest of us\). — Texas A&M Transportation Institute \(tamu.edu\)](#)

Safety Net Vol 2 Issue 2. 2015. Shipp ready to make a difference with TTI. [Shipp Making a Difference at TTI \(tamu.edu\)](#)

MEMBERSHIPS

Council of State and Territorial Epidemiologists

Society for Epidemiologic Research

American Public Health Association

Institute of Transportation Engineers

REVIEWER (PEER-REVIEWED JOURNALS AND FUNDING PROGRAMS)

American Journal of Industrial Medicine (2020, 2021)

Advances in Epidemiology (2014)

American Journal of Preventive Medicine (2012)

American Journal of Public Health (2009)

Annals of Epidemiology (2006-2007, 2009, 2012-2014, 2022)

Cancer (2011)

Environmental Science and Technology (2015)

Epidemiologic Perspectives and Innovations (2006)

International Journal of Occupational and Environmental Health (Special Issue Guest Editor 2010)
Journal of Agricultural Safety and Health (2005- 2006, 2013)

Journal of Agromedicine (2006, 2008, 2011- 2017, 2020, 2021, 2023)

Journal of Primary Prevention (2010, 2012)

Journal of Occupational and Environmental Medicine (2012, 2013)

Journal of Rural Health (2009- 2010)

Nature and Science of Sleep (2012)

PLOS ONE (2014)

NIOSH Southwest Center for Occupational Safety and Health Pilot Projects Program,
The University of Texas Health Science Center at Houston School of Public Health (2005-2006, 2008-
2010-2015)

NIOSH Southwest Center for Agricultural Health, Injury Prevention, and Education Pilot Projects
Program, The University of Texas Health Science Center at Tyler (2015, 2020)