

## *Curriculum vitae*

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### **Education**

Year	Degree	Field of Study	Institution
2004	Master of Science	Statistics	Sookmyung Women's University, Seoul, South Korea
2010	Doctor of Philosophy	Biostatistics  <i>Winner, 2011 Delta Omega, Omicron Chapter Thesis/Dissertation Awards</i>	University of Pittsburgh, School of Public Health, Pittsburgh, PA

### **Faculty Academic Appointments**

Year(s)	Academic Title	Department	Academic Institution
2010-2012	Research Instructor of Biostatistics	--School of Medicine --Magee-Womens Research Institute	University of Pittsburgh
2012-8/2019	Assistant Professor	Biostatistics/Epidemiology/Research Design Core, Center for Clinical and Translational Sciences	University of Texas Health Science Center at Houston (UTHealth)
2013-8/2019	Assistant Professor (Tenure track)	Division of Clinical and Translational Sciences, Department of Internal Medicine	University of Texas McGovern Medical School, UTHealth
9/2019-2/2020	Associate Professor (Tenured)	--Division of Clinical and Translational Sciences, Department of Internal Medicine --Biostatistics/Epidemiology/Research Design Core, Center for Clinical and Translational Sciences	University of Texas McGovern Medical School, UTHealth
3/2020-9/2022	Associate Professor (Tenured)	Division of Biostatistics, Department of Population & Data Sciences	University of Texas Southwestern Medical Center
9/2022-present	Associate Professor (Tenured)	Peter O'Donnell Jr. School of Public Health	University of Texas Southwestern Medical Center

## Appointments at Hospitals/Affiliated Institutions

Year(s)	Position Title	Department/Division	Institution
2022- present	<b>Chair</b> , Population Science Protocol Review and Monitoring Committee (PRMC)	Harold C. Simmons Comprehensive Cancer Center	University of Texas Southwestern Medical Center

## Bibliography

### Peer-Reviewed Publications

#### Original Research Articles

1. Milbrandt EB, Reade MC, **Lee M**, Shook SL, Angus DC, Kong L, Carter M, Yealy DM, Kellum JA. "Prevalence and Significance of Coagulation Abnormalities in Community-acquired Pneumonia." *Molecular Medicine* 2009; 15(11-12): 438-445.
2. Murugan R, Karajala-Subramanyam V, **Lee M**, Yende S, Kong L, Carter M, Angus DC, Kellum JA. "Acute kidney injury in non-severe pneumonia is associated with an increased immune response and lower survival." *Kidney International* 2010; 77, 527-535.
3. Yende S, Tom van der Poll, **Lee M**, Kong L, Kellum JA, Angus DC. "The influence of pre-existing diabetes mellitus on the host immune response and outcome of pneumonia: analysis of two multicentre cohort studies." *Thorax* 2010; 65: 870-877.
4. Rimmele T, Bishop J, Simon P, Carter M, Kong L, **Lee M**, Singbartl K, Kellum JA. "What blood temperature for an ex vivo extracorporeal circuit?" *Artificial Organs* 2011; 35(6):593-601. doi: 10.1111/j.1525-1594.2010.01147.x.
5. Srisawat N, Wen X, **Lee M**, Kong L, Elder M, Carter M, Unruh M, Finkel K, Vijayan A, Ramkumar M, Paganini E, Singbartl K, Palevsky PM, Kellum JA. "Urinary biomarkers and renal recovery in critically ill patients with renal support.", *Clinical Journal of the American Society of Nephrology* 2011; 6(8):1815-23. doi: 10.2215/CJN.11261210.
6. Simon PM, Delude RL, **Lee M**, Kong L, Guzik LJ, Huang DT, Angus DC, Kellum JA. "Duration and magnitude of hypotension and monocyte dysfunction in patients with community-acquired pneumonia." *Shock* 2011; 36(6): 553-559. doi:10.1097/SHK.0b013e318235331e.
7. Srisawat N, Murugan R, **Lee M**, Kong L, Carter M, Angus DC, Kellum JA. "Plasma neutrophil gelatinase-associated lipocalin predicts recovery from acute kidney injury following community-acquired pneumonia." *Kidney International* 2011; 80(5):545-52. doi: 10.1038/ki.2011.160.
8. **Lee M**<sup>sm</sup>, Kong L. "Median Regression for Longitudinal Left-censored Biomarker Data subject to Detection Limit." *Statistics in Biopharmaceutical Research* 2011; 3(2): 363-371. doi:10.1198/sbr.2011.10008.
9. Weissgerber TL, Roberts JM, Jeyabalan A, Powers R, **Lee M**, Datwyler SA, Gandley RE. "Haptoglobin Phenotype, Angiogenic Factors and Preeclampsia Risk" *The American Journal of Obstetrics & Gynecology* 2012; 206(4):358.e10-8. doi: 10.1016/j.ajog.2012.01.009.
10. Budiu RA, Elishaev E, Brozick J, **Lee M**, Edwards RP, Kalinski P, Vlad AM. "Immunobiology of human mucin 1 (MUC1) in a preclinical ovarian tumor model." *Oncogene* 2012; 32(32):3664-75. doi: 10.1038/onc.2012.397.

11. **Lee M<sup>\*m</sup>**, Kong L, Weissfeld L. "Multiple Imputation For Left-Censored Biomarker Data Based On Gibbs Sampling Method." *Statistics in Medicine* 2012; 31(17):1838-48. doi: 10.1002/sim.4503.
12. Catov JM, Lewis CE, **Lee M**, Wellons MF, Gunderson EP. "Preterm birth and future maternal blood pressure, inflammation and intimal medial thickness: The CARDIA Study." *Hypertension* 2013; 61(3):641-6. doi: 10.1161/HYPERTENSIONAHA.111.00143.
13. Suryawanshi SM, Lin H, Smaldone GM, Laskey R, **Lee M**, Lin Y, Donnellan N, Klein-Patel M, Lee T, Mansuria S, Elishaev E, Budiu R, Edwards RP, Vlad AM. "Plasma microRNAs as novel biomarkers for endometriosis and endometriosis-associated ovarian cancer." *Clinical Cancer Research* 2013; 19(5):1213-24. doi: 10.1158/1078-0432.CCR-12-2726.
14. Reininger BM, Rahbar MH, **Lee M**, Chen Z, Alam SR, Pope J, Adams B. "Social capital and disaster preparedness among low income Mexican Americans in a disaster prone area." *Social Science & Medicine* 2013; 83:50-60. doi:10.1016/j.socscimed.2013.01.037.
15. Haroon N, Inman RD, Learch TJ, Weisman MH, **Lee M**, Rahbar MH, Ward MM, Reveille JD, Gensler LS. "The Impact of Tumor Necrosis Factor  $\alpha$  Inhibitors on Radiographic Progression in Ankylosing Spondylitis" *Arthritis & Rheumatology* 2013; 65(10):2645-54. doi: 10.1002/art.38070.
16. Xu L<sup>#</sup>, **Lee M**, Jeyabalan A, Roberts JM. "The Relationship of Hypovitaminosis D and IL-6 in Preeclampsia" *American Journal of Obstetrics and Gynecology* 2013; 210(2):149.e1-7. DOI:10.1016/j.ajog.2013.09.037.
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35. He D, Manzoni A, Florentin D, Fisher WE, Ding Y, **Lee M**, Ayala GE. "Biologic Effect of Neurogenesis in Pancreatic Cancer". *Human Pathology* (2016); 52: 182-189, doi: 10.1016/j.humpath.2016.02.001.
36. Jiao J, Watt GP, **Lee M**, Rahbar MH, Vatcheva KP, Pan J, McCormick JP, Fisher-HochSP, Fallon MB; Beretta L. "Cirrhosis and Advanced Fibrosis in Hispanics in Texas: the Dominant Contribution of Central Obesity". *Plos One*; 2016, 11: e0150978
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46. Heredia NI<sup>#</sup>, **Lee M**, Reininger BM. “*Exposure to a community-wide campaign is associated with changes in physical activity and sedentary behavior among Hispanics on the Texas-Mexico border*”, *BMC Public Health* 2017; 17(1):883; DOI 10.1186/s12889-017-4893-4.
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48. Dau JD<sup>#</sup>, **Lee M**, Ward MM, Gensler LS, Brown MA, Learch TJ, Diekman L, Tahanan A, Rahbar MH, Weisman MH, Reveille RD. “*Opioid Analgesic Use in Patients with Ankylosing Spondylitis: An Analysis of the Prospective Study of Outcomes in an Ankylosing Spondylitis Cohort*”. *The Journal of rheumatology*. 2018; 45(2):188-194. doi: 10.3899/jrheum.170630.
49. Perales J<sup>#</sup>, Reininger BM, **Lee M**, Linder SH. “*Participants’ perceptions of interactions with community health workers who promote behavior change: a qualitative characterization from participants with normal, depressive and anxious mood states.*” *International Journal for Equity in Health*, 2018; 17(1):19; DOI 10.1186/s12939-018-0729-9.

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- survival and identifies CPT1B effect on fatty acid metabolism in Bladder Cancer.*” *Clinical Cancer Research* 2019; 25(12):3689-3701. doi: 10.1158/1078-0432.CCR-18-1515. PMC6571061
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