

CURRICULUM VITAE

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Mailing Address: Division of Biostatistics and Data Science, Department of Population Health Sciences, Medical College of Georgia, Augusta University, 1120 15th Street, AE - 1013, Augusta, GA 30912-4900

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Education:

- M.S. in Biostatistics (Biometry): May, 2002; School of Public Health, University of Texas Health Science Center at Houston
- M.S in Public Health: August, 1992; Chinese Academy of Preventive Medicine, Beijing, China,
- M.D. August 1987: Tongji Medical University, China, Medicine

Academic Positions:

2022 – Present Assistant Professor, Division of Biostatistics and Data Science, Department of Population Health Sciences (formerly Department of Biostatistics & Epidemiology), Medical College of Georgia, Augusta University
Courses Taught:
– STAT 7060 Research Design and Statistics
– DATS 7510 Programming for Data Analysis
– STAT 7870 Biostatistical Consulting in Research (Semester 2022)

2007– 2022 Biostatistician, Division of Biostatistics and Data Science, Department of Population Health Sciences (formerly Department of Biostatistics & Epidemiology), Medical College of Georgia, Augusta University

2015 – Present Biostatistician and Clinical Trial SAS programmer, Georgia Cancer Center, Augusta, GA

2003 – 2007 Biostatistician, Office of Biostatistics, University of Texas Medical Branch (UTMB), Galveston, TX

2001 – 2003 Biostatistician and database manager, Baylor College of Medicine Houston, TX

Other Research Experience:

2000 – 2001 Teaching Assistant, University of Texas, School of Public Health Houston, TX

1997 – 1999 Research Associate, School of Public Health, University of Pittsburgh, School of Public Health, Pittsburgh, PA

1995 – 1997 Research Associate, Department of Biotechnology, University of New South Wales, Sydney, Australia

1993 – 1995 Visiting Scholar, Karolinska Institute, Center for Nutrition and Toxicology, Stockholm, Sweden

1987 - 1989 Physician, Great Wall Hospital, Beijing, China

Research Interests:

SAS programming for clinical data management and clinical trial tables, lists, and graphs generation. Research on large scale of national database for public health and cancer. Experimental design, generalized linear model, repeated measures, longitudinal study, general data analysis, biostatistical methods, statistical consulting

Publications:

1. Houssein Talal Abdul Sater, **Li fang Zhang**, Firas Y. Kreidieh, Jean-Pierre Blaize, Swetha Aribindi, Shou-Ching Tang "Validity of 1% Hormonal Receptor Positivity Cutoff by the American Society of Clinical Oncology/College of American Pathologists (ASCO-CAP) Guidelines at Georgia Cancer Center". *JCO Precision Oncology* (2022), Accepted
2. Youssef NA, Ravilla D, Patel, Yassa M, Sadek R, **Zhang LF**, McCloud L, McCall WV, Rosenquist PB. Magnitude of Reduction & Speed of Remission of Suicidality for Low Amplitude Seizure Therapy (LAP-ST) Compared to Standard Right Unilateral ECT: A Pilot Double-Blinded Randomized Clinical Trial). *Brain Sciences*. 2019, 9(5), 99.
3. Salgueiro, M., Stribos, M., **Zhang, L.F.** et al. Value of pre-operative CTX serum levels in the prediction of medication-related osteonecrosis of the jaw (MRONJ): a retrospective clinical study. *EPMA Journal* 10, 21–29 (2019). <https://doi.org/10.1007/s13167-019-0160-3>
4. Lyon M, Agrawal P, Friez K, Gordon R, Morales I, **Zhang LF**, Xu H, Heger I, Gibson RW. Effect of History of Mild Traumatic Brain Injury on Optic Nerve Sheath Diameter Changes after Valsalva Maneuver. *J Neurotrauma*. 2018 Jan 22. doi: 10.1089/neu.2017.5164.
5. Andrea L. Fuessel Haes, Qin He, Peter L. Rady, **Lifang Zhang**, James Grady, Thomas K. Hughes, Kendra Stisser, Rolf Konig, Stephen K. Tyring. Nested PCR with the PGMY09/11 and GP5/6 Primer sets improves detection of HPV DNA in cervical samples. *Journal of Virological Methods* 122: 87-93 2004
6. Levin HS, Hanten G, **Zhang L.**, Swank P. R., Hunter J. Selective Impairment of Inhibition After TBI in Children, *Journal of Clinical and Experimental Neuropsychology*, 26: 589-597, 2004
7. Chapman SB, Sparks G., Levin HS., Dennis M., **Zhang L.**, Song J. Discourse Macrolevel Processing After Severe Pediatric Traumatic Brain Injury, *Developmental Neuropsychology*, 25: 37-60, 2004
8. Levin, H.S., **Zhang, L.**, Dennis, M., Ewing-Cobbs L, Schachar R., Max JE., Landis J.A., Roberson G., Scheibel R.S., Miller D.L., Hunter J.V. Psychosocial outcome of TBI in children with unilateral frontal lesions. *Journal of the International Neuropsychological Society* 10: 305-316, 2004
9. Levin HS, Hanten G, Chang C-C, **Zhang L.**, Schachar R, Ewing-Cobbs L, Max JE. Working memory after traumatic brain injury in children. *Annals of Neurology*, 52:82-88, 2002
10. Gerri Hanten, **Lifang Zhang**, Harvey S. Levin. Selective Learning in Children after Traumatic Brain Injury: A Preliminary Study. *Child Neuropsychology*. 8(2) 107 – 120, 2002

11. Zayas, B., **Zhang, L-F.**, Grant, S.G., Keohavong, P., and Day, B.W. Mutational spectrum of N-hydroxy-N-acetyl-4-aminobiphenyl at HPRT exon 3 of the HPTR gene. *Biomarkwes*, 6 (4), 262-273, 2001
12. William L. Bigbee, Richard D. Day, Stephen G. Grant, Phouthone Keohavong, Liqiang Xi, **Lifang Zhang**, and Robert B. Ness, Impact of maternal lifestyle factors on newborn hprt mutant frequencies and molecular spectrum – Initial results from the Prenatal Exposures and Preeclampsia Prevention (PEPP) Study. *Mutation Research*, 431, 279-289, 1999
13. Gealy, R., **Zhang, L-F.**, Luketich, J., Siegfried, J. M., and Keohavong, P., Comparison of mutations in P53 and K-ras genes in lung carcinomas from smoking and non-smoking women . *Cancer Epidemiology Biomarkers & Prevention*, Vol. 8, 297-302, 1999
14. **L.F.Zhang**, Kari Hemminki, K.Szyfter, W.Szyfter, and P.Soderkvist, P53 Mutation in Larynx Cancer, *Carcinogenesis*, Vol. 15, No. 12, pp2949-2951 1994
15. Kari Hemminki, **L.F.Zhang**, J.Kruger, H.Astrup, M.Tornqvist, H.-E Norbeck, Exposure of Bus and Taxi Drivers to Urban Air Pollutants as Measured by DNA and Protein Adducts, *Toxicology Letter*, 72(1-3): pp174-4 1994
16. **Zhang Li Fang**, Xu Kun, Li Xue Ming, Quantitative Study on DNA-Adduct in Normal Lung Tissues of Smoking and Non-Smoking Lung Cancer Patients. *Chinese Journal of Preventive Medicine*, Vol. 28, No. 4, pp206 1994
17. **Zhang Li Fang**, DNA Adduct Formation in Smoker’s Lung Tissues and Analysis Methods (a review), *GUOWAI YIXUE*, Vol. 18, No. 5, pp280 1991

Conference Presentations:

1. Bogna N. Brzezinska, Allison Falkenstrom, Caroline McElhannon, Bunja J. Rungruang, Ramses Sadek, **Lifang Zhang**, Sharad Ghamande, Robert V. Higgins, “Evaluating Differences in Enhanced Recovery After Surgery (ERAS) implementation and its effects on opioid use by race” SGO 2022 Winter Meeting at Resort at Squaw Creek, 400 Squaw Creek Rd Olympic Valley CA, Jan 27 - Jan 29, 2022
2. Lyon M, Agrawal P, **Zhang LF**, Xu H, Gibson RW. Et, al “Assessment of EMS Transport Refusal Algorithm”, Poster at SAEM17 national conference in Orlando, FL. May 16-19, 2017
3. Houssein Abdul Sater, **Lifang Zhang**, Et, al “Validity of 1% hormonal positivity cutoff by American Society of Clinical Oncology/College of American Pathologists Guidelines at Georgia Cancer Center” 32nd ASCO Annual, Chicago, IL. June 2-6, 2017
4. Ramses Sadek, **Lifang Zhang** “Breast Cancer Molecular Subtypes Association with Clinical Outcomes and Race” 32nd ASCO Annual, Chicago, IL June 2-6, 2017
5. **Lifang Zhang** “Extract Information from Large Database Using SAS® Array, PROC FREQ, and SAS Macro” Oral presentation at 24th Annual Southeast SAS Users Group (SESUG) Conference, Bethesda, Maryland, Oct. 16-18, 2016

Committee Services:

1. August 2008 – Present: Website Committee member at Department of Population Health Sciences
2. August 2008 – May 2015: Library Committee member at Department of Population Health Sciences