Wang, Lucas Jiaxue (Lucas) He/Him/His AAMC ID: 13895602

Present Mailing Address

125 Garden Ct E Arlington, TX 76013 Preferred Phone: 2547160273 Alternate Phone: Mobile Phone: 2547160273 lucaswang7@utexas.edu

Medical Education

University of Texas at Austin Dell Medical School, United States of America 06/2016 - 06/2020 **M.D.**, 06/2020

Education

Undergraduate - The University of Texas at Austin, Austin, Texas Biochemistry 06/2012 - 06/2016 B.S.; 06/2016

Post-Graduate Training

07/2020 - 06/2023 (35 months) ACGME Residency Methodist Dallas Medical Center Dallas, TX, United States of America Internal Medicine Leigh Hunter Leigh Hunter

Membership and Honorary/Professional Societies

American Society of Clinical Oncology - Member American College of Physicians - Member American College of Cardiology - Member American Transplant Congress - Member American College of Nephrology, Gastroenterology - Member

Certification/Licensure

ACLS Certified, 11/16/2024 BLS Certified, 05/21/2024 DEA Registration #: FW2810009

State Licenses Texas, Full, Exp. Date: 05/2025

Permanent Mailing Address

125 Garden Ct E Arlington, TX 76013 2547160273

Researcher/Coordinator

COVID-19 Research Group Research

Organized monthly meetings and large-volume data collection, recruited fellow residents and medical students, and developed and submitted abstracts for presentation in national conferences and manuscripts for well recognized journals.

Most Meaningful - Seeing this project from beginning to end allowed me to understand the process of developing a project, analyzing results, and publishing findings. This experience was meaningful to me because it gave me invaluable insight into making future research projects successful.

Captain

Intramural Ultimate Frisbee Other extracurricular activity, club, hobby

Organized team practices, coordinated strategy, and led the team through eight championship-winning seasons after starting as the worst team in the division.

Most Meaningful - This experience has taught me about leadership. I learned how to uplift my teammates during our shortcomings and celebrate both victories and losses. Most importantly, this experience taught me that life is not solely defined by wins or losses, but rather by the overall growth of each individual.

Volunteer

Feed My People Breakfast for the Homeless Volunteer/service/advocacy

Organized drink administration to over 200 homeless people every Tuesday and Thursday morning. Coordinated and recruited peers to come to the breakfast throughout the years.

Most Meaningful - This experience, more than any other I can recall, strengthened my resolve to become a physician. I learned firsthand about the stark differences in life for those less fortunate, and it has inspired me to dedicate myself to addressing social and financial disparities in healthcare.

Principal Investigator

Methodist Dallas Medical Center	06/2021 - Present (07/2023)
Research	Dallas, TX

Developed a project to look at hormonal imbalances as it relates to hypotension in cirrhotic patients seen at the Liver Institute at Methodist Dallas Medical Center. Submitted an IRB that was approved. Designed methodology and started collecting clinical data from patients.

President

Internal Medicine Interest Group Professional organization

Organized monthly meetings, invited guest speakers, and helped with residency applications.

Publications

Peer Reviewed Journal Articles/Abstracts

Abualfoul, M., & Zhao, Y., & Canela, V., & Hoang, L., M., & Prathivada, S., P., & Vu, M., & Acharya, P., & Wang, L., & Sidhu., M.. (2022, Mar). Age as a Predictor of Mortality in Patients Admitted with COVID-19, a Retrospective Study of 6,000 Patients. Journal of the American College of Cardiology, 79(9 Supplement), 2152.

08/2012 - 01/2020 Austin, TX

10/2012 - 03/2020 Austin, TX

08/2020 - Present Dallas, TX

08/2018 - 06/2019 Austin, TX

Pub Status: Published.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2822%2903143-6

Abualfoul, M., & Zhao, Y., & Canela, V., & Hoang, L., M., & Prathivada, S., P., & Vu, M., & Acharya, P., & Wang, L., & Sidhu., M.. (2022, Mar). Body Mass Index as a Predictor of Mortality in Patients Admitted with COVID-19, a Retrospective Study. *Journal of the American College of Cardiology*, *79*(9_Supplement), 2152.

Pub Status: Published.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2822%2903143-6

Abualfoul, M., & Zhao, Y., & Canela, V., & Hoang, L., M., & Prathivada, S., P., & Vu, M., & Acharya, P., & Wang, L., & Sidhu., M.. (2022, Mar). Social Determinants of Mortality from COVID-19, a Retrospective Study of 6,000 Patients. *Journal of the American College of Cardiology*, *79*(9_Supplement), 2153.

Pub Status: Published.

Article URL: https://www.jacc.org/doi/abs/10.1016/S0735-1097(22)03144-8

Aten, K., & Wang, L., & Hoang, L., & Abualfoul, M., & Canela, V., & Prathivada, S., & Vu, M., & Zhao, Y., & Sidhu, M. (2022, Mar). Atrial Fibrillation and Major Adverse Cardiovascular Events Among Hospitalized COVID-19 Patients. *Journal of the American College of Cardiology*, *79*(9_Supplement), 2158.

Pub Status: Published.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2822%2903149-7

Hoang, L., & Wang, L., & Sidhu, M., & Acharya, P. (2021, May). Bradyarrhythmias and Mortality in COVID-19 Patients. *Journal of the American College of Cardiology*, 77(18_Supplement_1), 3080. Pub Status: *Published*.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2821%2904435-1

Li, T., & Wang, L., & Qiao, Y., & Ravi, S., & Chang, A., & Rogers, T., A., & Lu, L., & Melancon, A., D., & Melancon, M., P. (2018, Jul). Efficacy of irreversible electroporation in combination with liposome-nvp-bez235 for head and neck cancer. *American Association of Cancer Research*, *78*(13 Supplement), 3722.

Pub Status: Published.

Article URL: https://aacrjournals.org/cancerres/article/78/13_Supplement/3722/627871/Abstract-3722-Efficacy-of-irreversible

Soney, H., & Deron, N., & Wang, L., & Hoang, L., & Aten, K., & Abualfoul, M., & Zhao, Y., & Aten, K., & Canela, V., & Prathivada, S., & Vu, M., & Sidhu, M. (2023, Jun). Coronary Artery Disease as an Independent Predictor of Cardiovascular Mortality in COVID-19 Patients. *Cardiology Research*, *14*(3), 221-227. Cited in PubMed; PMID: 37304921.

Pub Status: Published.

Article URL: https://cardiologyres.org/index.php/Cardiologyres/article/view/1471

Sun, C., & Schattgen, S., A., & Pisitkun, P., & Jorgensen, J., P., & Hilterbrand, A., T., & Wang, L., J., ... Paludan, S., R.. (2015, Feb). Evasion of innate cytosolic DNA sensing by a gammaherpesvirus facilitates establishment of latent infection. *The Journal of Immunology*, *194*(4), 1819-1831. Cited in PubMed; PMID: 25595793.

Pub Status: Published.

Article URL: https://journals.aai.org/jimmunol/article/194/4/1819/99026/Evasion-of-Innate-Cytosolic-DNA-Sensing-by-a

Tian, L., & Qiao, Y., & Lee, P., & Wang, L., & Chang, A., & Ravi, S., & Rogers, T., & Lu, L., & Singhana, B., & Zhao, J., & Melancon, M. (2018, Feb). Antitumor efficacy of liposome-encapsulated NVP-BEZ 235 in combination with irreversible

electroporation. *Drug Delivery*, *25*(1), 668-678. Cited in PubMed; PMID: 29482386. Pub Status: *Published*. Article URL: <u>https://www.tandfonline.com/doi/full/10.1080/10717544.2018.1444683</u>

Tian, L., & Wang, L., & Qiao, Y., & Lu, L., & Lee, P., & Chang, A., & Ravi, S., & Rogers, T., & Melancon, M. (2019, Oct).
Antitumor Efficacy of Liposome-Encapsulated NVP-BEZ235 Combined with Irreversible Electroporation for Head and Neck Cancer. *Molecules, 24*(19), 3560.
Cited in PubMed; PMID: 31581445.
Pub Status: *Published*.
Article URL: https://www.mdpi.com/1420-3049/24/19/3560

Tian, L., & Wang, L., & Qiao, Y., & Singhana, B., & Melancon, M. (2016, Jul). Anti-tumor effect of combined irreversible electroporation and liposome-encapsulated NVP-BEZ235. *American Association for Cancer Research*, *76*(14_Supplement), 3905. Pub Status: *Published*.

Article URL: https://aacrjournals.org/cancerres/article/76/14_Supplement/3905/611069/Abstract-3905-Anti-tumor-effect-of-combined

Vu, M., & Canela, V., & Prathivada, S., P., & Abualfoul, M., & Zhao, Y., & Hoang, L., M., & Wang, L., & Sidhu, M. (2022, Mar). Critically Ill COVID-19 Patients and Therapeutic Anticoagulation with Heparin. *Journal of the American College of Cardiology*, *79*(9), 2156.

Pub Status: Published.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2822%2903147-3

Wang, L., & Abualfoul, M., & Oduor, H., & Acharya, P., & Dominguez, E., & Pagadala, M. (2022, Sep). A cross-sectional study of knowledge, attitude, and practice toward COVID-19 in solid organ transplant recipients at a transplant center in the United States. *Front iers: Public Health*, *10*(), . Cited in PubMed; PMID: 36211649. Pub Status: *Published*.

Article URL: https://www.frontiersin.org/articles/10.3389/fpubh.2022.880774/full

Wang, L., & Abualfoul, M., & Aten, K., & Azimi, A., & Canela, V., & Hoang, L., & Prathivada, S., & Vu, M., & Zhao, S., & Sidhu, M.. (2022, Oct). Cirrhosis Is Associated With Increased Incidence of Mortality, MACE, and Intubation in COVID-19 Patients: A Multi-Center Study of 3,283 Patients. *The American Journal of Gastroenterology*, *117*(10S), 884.
Pub Status: *Published*.

Wang, L., & Abualfoul, M., & Oduor, H., & Acharya, P., & Dominguez, E., & Pagadala, M. (2022, Jun). Knowledge, Attitude, and Practices Regarding Covid-19 Among Solid Organ Transplant Patients at a Transplant Center in the United States: A Cross-Sectional Study . *American Journal of Transplant, 22*(3_Supplement), NA.

Pub Status: Published.

Article URL: https://atcmeetingabstracts.com/abstract/knowledge-attitude-and-practices-regarding-covid-19-among-solid-organ-transpl ant-patients-at-a-transplant-center-in-the-united-states-a-cross-sectional-study/

Wang, L., & Abualfoul, M., & Oduor, H., & Acharya, P., & Dominguez, E., & Pagadala, M. (2022, Jun). Knowledge, Attitudes, and Practices Regarding COVID-19 Among Solid Organ Transplant Patients at a Transplant Center in the United States: a Cross-Sectional Study. *American Journal of Transplant, 22*(3), N/A.

Pub Status: Published.

Article URL: https://atcmeetingabstracts.com/abstract/knowledge-attitude-and-practices-regarding-covid-19-among-solid-organ-transpl ant-patients-at-a-transplant-center-in-the-united-states-a-cross-sectional-study/

Wang, L., & Canela, C., & Sidhu, M. (2022, Nov). Hyperkalemia is Associated with Increased Mortality Rates in COVID-19 Patients. *Journal of the American Society of Nephrology*, 33(Supplement), 884. Pub Status: *Published*.

Wang, L., & Canela, V., & Sidhu, M. (2022, Nov). Effect of Sodium-Glucose Cotransporter-2 Inhibitors on Cardiovascular Outcomes in COVID-19 Patients. *Journal of the American Society of Nephrology*, *33*(Supplement), 891.
Pub Status: *Published*.

Wang, L., & Canela, V., & Sidhu, M. (2022, Nov). Outcomes in Chronic Kidney Disease Patients with COVID-19. *Journal of the American Society of Nephrology*, *33*(Supplement), 309.
Pub Status: *Published*.

Wang, L., & Collazo-Maldonado, R.. (2021, Oct). Something Out of Nothing: A Rare Case of Pulmonary Renal Syndrome with Pauci-Immune Glomerulonephritis and Diffuse Alveolar Hemorrhage with Negative Serologies. *Cureus*, *13*(10), e18614. Cited in PubMed; PMID: 34765369.

Pub Status: Published.

Wang, L., & Harlow, B., & Angulo, A., D., & Bowers, L., & Hursting, S., & deGraffenried, L. (2019, May). The role of miR200c in leptin-mediated triple-negative breast cancer progression to an epithelial-to-mesenchymal transition. *Journal of Clinical Oncology an American Society of Clinical Oncology Journal*, *37*(15), NA.

Pub Status: Published.

Article URL: https://ascopubs.org/doi/abs/10.1200/JCO.2019.37.15_suppl.e12548

Wang, L., & Hoang, L., & Aten, K., & Abualfoul, M., & Canela, V., & Prathivada, S., & Vu, M., & Zhao, Y., & Sidhu, M. (2023, Feb). Mortality and Major Adverse Cardiovascular Events in Hospitalized Patients With Atrial Fibrillation With COVID-19. *American Journal of Cardiology*, *189*(), 41-48.

Pub Status: Published.

Article URL: https://www.ajconline.org/article/S0002-9149(22)01233-4/fulltext

Wang, L., & Hoang, L., M., & Aten, K., & Vu, M., & Zhao, Y., & Abualfoul, M., & Canela, V., & Prathivada, S., & Sidhu, M. (2022, Mar). Atrial Fibrillation and Mortality in COVID-19 Patients. *Journal of the American College of Cardiology*, *79*(9), 2097.
Pub Status: *Published*.
Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2822%2903088-1

Wang, L., & Mody, P., & Banerjee, S. (2022, Jun). Aortic Stenosis: Rhythm Makes a Difference. *Cardiovascular Imaging Case Reports*, *6*(8), 382-386.
Cited in PubMed; PMID: 36247377.
Pub Status: *Published*.
Article URL: https://www.cvcasejournal.com/article/S2468-6441(22)00123-2/fulltext

Wang, L., & Sidhu, M.. (2023, Mar). Oxygen Requirements on Arrival and their Association with Outcomes in Hospitalized COVID-19 Patients. *Journal of the American College of Cardiology*, *81*(8), 2318.
Pub Status: *Published*.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2823%2902762-6

Zhao, Y., & Abualfoul, M., & Canela, V., & Hoang, L., & Prathivada, S., & Vu, M., & Acharya, P., & Wang, L., & Sidhu, M. (2022, Mar). EFFECTS OF ELEVATED TROPONIN ON MORTALITY IN HOSPITALIZED COVID-19 PATIENTS WITH AND WITHOUT CORONARY ARTERY DISEASE. *Journal of the American College of Cardiology*, *79*(9), 2107. Pub Status: *Published*.

Article URL: https://www.jacc.org/doi/10.1016/S0735-1097%2822%2903098-4

Peer Reviewed Journal Articles/Abstracts (Other than Published)

Aten, K., & Wang, L., & Hoang, L., & Cui, M., & Sidhu, M. (2023, May). The Relationship between SGLT2i Use and Mortality and Major Adverse Cardiac Events in Hospitalized COVID-19 Patients: A Multicenter Retrospective Analysis.. *Angiology*. Pub Status: *Submitted*.

Deron, N., & Soney, H., & Wang, L., & Hoang, L., & Prathivada, S., & Cui, M., & Acharya, P., & Sidhu, M. (2023, Jun). Anticoagulation Use as an Independent Predictor of Mortality and Major Adverse Cardiovascular Events in Hospitalized COVID-19 Patients: A Multicenter Retrospective Analysis. *European Journal of Preventative Cardiology*. Pub Status: *Submitted*.

Giesing, W., & Soney, H., & Wang, L., & Hoang, L., & Prathivada, S., & Sidhu, M. (2023, Jun). Outcomes of Hospitalized COVID-19 Patients Arriving with Hypoxic Respiratory Failure. *CHEST Journal*. Pub Status: *Submitted*.

Poster Presentation

Abualfoul, M., & Zhao, Y., & Canela, V., & Hoang, L., M., & Prathivada, S., P., & Vu, M., & Acharya, P., & Wang, L., & Sidhu., M.. (2022, March 08). Age as a Predictor of Mortality in Patients Admitted with COVID-19, a Retrospective Study of 6,000 Patients [Poste r presented]. American College of Cardiology/Washington DC, DC, USA.

Abualfoul, M., & Zhao, Y., & Canela, V., & Hoang, L., M., & Prathivada, S., P., & Vu, M., & Acharya, P., & Wang, L., & Sidhu., M.. (2022, March 08). *Body Mass Index as a Predictor of Mortality in Patients Admitted with COVID-19, a Retrospective Study* [Poster presented]. American College of Cardiology/Washington DC, DC, USA.

Abualfoul, M., & Zhao, Y., & Canela, V., & Hoang, L., M., & Prathivada, S., P., & Vu, M., & Acharya, P., & Wang, L., & Sidhu., M.. (2022, March 08). *Social Determinants of Mortality from COVID-19, a Retrospective Study of 6,000 Patients* [Poster presented]. American College of Cardiology/Washington DC, DC, USA.

Aten, K., & Wang, L., & Hoang, L., & Abualfoul, M., & Canela, V., & Prathivada, S., & Vu, M., & Zhao, Y., & Sidhu, M. (2022, March 08). *Atrial Fibrillation and Major Adverse Cardiovascular Events Among Hospitalized COVID-19 Patients* [Poster presented]. American College of Cardiology/Washington DC, DC, USA.

Giesing, W., & Wang, L., & Sidhu, M. (2023, October 08). *The Role of Anticoagulation in Unvaccinated Patients with Atrial Fibrillation Hospitalized with COVID-19* [Poster presented]. CHEST/Honolulu, HI, USA.

Hoang, L., & Wang, L., & Sidhu, M., & Acharya, P. (2021, May 11). *Bradyarrhythmias and Mortality in COVID-19 Patients* [Poster presented]. American College of Cardiology/Dallas, TX, USA.

Soney, H., & Wang, L., & Sidhu, M. (2025, October 08). Congestive Heart Failure as an Independent Predictor of Mortality in COVID-19 Patients [Poster presented]. CHEST 2023/Honolulu, HI, USA.

Tian, L., & Wang, L., & Qiao, Y., & Singhana, B., & Melancon, M. (2016, July 15). *Anti-tumor effect of combined irreversible electroporation and liposome-encapsulated NVP-BEZ235* [Poster presented]. American Association for Cancer Research/New Orleans, LA, USA.

Vu, M., & Canela, V., & Prathivada, S., P., & Abualfoul, M., & Zhao, Y., & Hoang, L., M., & Wang, L., & Sidhu, M. (2022, March 08). *Critically Ill COVID-19 Patients and Therapeutic Anticoagulation with Heparin* [Poster presented]. American College of Cardiology/Washington DC, DC, USA.

Wang, L., & Abualfoul, M., & Oduor, H., & Acharya, P., & Dominguez, E., & Pagadala, M. (2022, June 05). *Knowledge, Attitudes, and Practices Regarding COVID-19 Among Solid Organ Transplant Patients at a Transplant Center in the United States: a Cross-Sectional Study* [Poster presented]. American Transplant Congress/Boston, MA, USA.

Wang, L., & Azimi, A., & Hoang, L., M., & Aten, K., & Vu, M., & Zhao, Y., & Abualfoul, M., & Canela, V., & Prathivada, S., P., & Sidhu, M.. (2022, April 28). Mortality and Major Adverse Cardiovascular Events in COVID-19 Patients in Relation to Systemic Inflammatory Response Syndrome/Severe Sepsis: a Single Center Study of 634 Patients [Poster presented]. American College of Physicians/Chicago, IL, USA.

Wang, L., & Bedrosian, I., & Albarracin, C. (2013, July 26). *Quantification of Ki-67 Expression in Benign and Malignant Breast Cancer Tissues* [Poster presented]. MD Anderson Summer Experience Symposium/Houston, TX, USA.

Wang, L., & Canela, C., & Sidhu, M. (2022, November 04). *Hyperkalemia is Associated with Increased Mortality Rates in COVID-19 Patients* [Poster presented]. American Society of Nephrology/Orlando, FL, USA.

Wang, L., & Canela, V., & Sidhu, M. (2022, November 04). *Outcomes in Chronic Kidney Disease Patients with COVID-19* [Poster presented]. American Society of Nephrology/Orlando, FL, USA.

Wang, L., & Canela, V., & Sidhu, M. (2022, November 04). Sodium-glucose Cotransporter-2 Inhibitors Effect on Outcomes in COVID-19 Patients [Poster presented]. American Society of Nephrology/Orlando, FL, USA.

Wang, L., & Harlow, B., & Angulo, A., D., & Bowers, L., & Hursting, S., & deGraffenried, L. (2019, May 26). *The Role of miR200c in Leptin Mediated Triple Negative Breast Cancer Progression to an Epithelial-to-Mesenchymal Transition* [Poster presented]. American Society of Clinical Oncology/Chicago, IL, USA.

Wang, L., & Hoang, L., M., & Aten, K., & Vu, M., & Zhao, Y., & Abualfoul, M., & Canela, V., & Prathivada, S., & Sidhu, M. (2022, May 08). *Atrial Fibrillation and Mortality in COVID-19 Patients* [Poster presented]. American College of Cardiology/Washington DC, DC, USA.

Wang, L., & Sidhu, M. (2022, October 23). Cirrhosis is associated with increased incidence of mortality, MACE, and intubation in COVID-19 Patients: A Multi-Center Study of 3,283 Patients [Poster presented]. American College of Gastroenterology/Charlotte, NC, USA.

Wang, L., & Sidhu, M. (2022, October 23). Predictors of Pulmonary Embolism in Patients Hospitalized for COVID-19: A Multi-Center Study of 3,675 Patients [Poster presented]. Infectious Disease Society of America/Washington DC, DC, USA.

Wang, L., & Sidhu, M. (2023, March 07). Oxygen Requirements on Arrival and their Association with Outcomes in Hospitalized COVID-19 Patients [Poster presented]. American College of Cardiology 2023/New Orleans, LA, USA.

Wang, L., & Tian, L., & Melancon, M. (2014, July 25). *The Effect of Irreversible Electroporation in Combination with BEZ Liposome and Cetuximab on Head and Neck Cancer Cells* [Poster presented]. MD Anderson Summer Experience Symposium/Houston, TX, USA.

Zhao, Y., & Abualfoul, M., & Canela, V., & Hoang, L., & Prathivada, S., & Vu, M., & Acharya, P., & Wang, L., & Sidhu, M. (2022, March 08). *Effects of Elevated Troponin on Mortality in Hospitalized COVID-19 Patients with and without Coronary Artery Diseases* [Poster presented]. American College of Cardiology/Washington DC, DC, USA.

Oral Presentation

Wang, L., & Mody, P., & Banerjee, S. (2022, July 22). *Aortic Stenosis: Rhythm Makes a Difference* [Oral Presentation]. Cardiovascular Innovations 2022/Denver, CO, USA.

Language Fluency

Language	Language Proficiency	Proficiency Description
Chinese	Good	I speak well enough to participate in most conversations. Native speakers notice some errors in my speech or my understanding, but my errors rarely cause misunderstanding.
English	Native/functionally native	I converse easily and accurately in all types of situations. Native speakers, including the highly educated, may think that I am a native speaker, too.
Portuguese	Advanced	I speak very accurately, and I understand other speakers very accurately. Native speakers have no problem understanding me, but they probably perceive that I am not a native speaker.
Spanish/Spanish Creole	Advanced	I speak very accurately, and I understand other speakers very accurately. Native speakers have no problem understanding me, but they probably perceive that I am not a native speaker.