CURRICULUM VITAE

Heather T. Essigmann, PhD, MPH
Department of Epidemiology
UTHealth Houston School of Public Health
1200 Pressler, RAS E-621
Houston, TX 77030

Phone: 713-500-9806
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Updated: October 14, 2024

ACADEMIC POSITIONS:

2022-Present **Assistant Professor of Instruction (non-tenure)**
Department of Epidemiology
UTHealth Houston School of Public Health
Houston, TX

2014-2021 **Graduate Teaching Assistant**
Department of Epidemiology
UTHealth Houston School of Public Health
Houston, TX

EDUCATION:

2017-2021 **PhD, Epidemiology**
UTHealth Houston School of Public Health
Houston, TX.
Minors in Biostatistics & Environmental Science
Thesis: At the intersection of inflammation and the mucosal microbiome: the impact of type 2 diabetes in Mexican American adults.

2014-2015 **MPH, Epidemiology**
UTHealth Houston School of Public Health
Houston, TX.
Thesis: Clostridium difficile quorum-sensing molecule alters the Staphylococcus aureus toxin expression profile.

2002-2006 **BA, Kinesiology**
Rice University
Houston, TX.

HONORS AND AWARDS:

2024 ***Recipient***
McGovern Outstanding Teacher of the Year Award
Selected by the UTHealth Houston SPH student body

2024 ***Co-Recipient***
Teaching Innovation Award for Epidemiology II - Field Experience Development
Office of Instructional Development, UTHealth Houston SPH

2023 ***Inaugural Co-Recipient & Lead Faculty***
Teaching Innovation Award for Asynchronous Epidemiology I Course
Office of Instructional Development, UTHealth Houston SPH

2023 ***Inaugural Co-Recipient***
Teaching Innovation Award for Asynchronous Epidemiology II Course
Office of Instructional Development, UTHealth Houston SPH

2021 ***Recipient***
2021 Guy and Alissa McDaniels Memorial Scholarship
UTHealth Houston School of Public Health

2020 ***Recipient***
2020 Guy and Alissa McDaniels Memorial Scholarship
UTHealth Houston School of Public Health

2019 ***Recipient***
2019 Guy and Alissa McDaniels Memorial Scholarship in Oncology and Infectious Disease
UTHealth Houston School of Public Health

2018 ***Recipient***
Mercedes-Benz of Sugar Land Scholarship

2018 ***Recipient***
The Catherine Tyrrell Campbell Endowed Scholarship in Public Health
UTHealth Houston School of Public Health

2017 ***Recipient***
Outstanding New PhD Student Scholarship
UTHealth Houston SPH Admission's Committee

TEACHING EXPERIENCE & CIRRICULUM DEVELOPMENT OVERVIEW:

Instructor – UTHealth Houston School of Public Health

2024-2025 Academic Year

Epidemiology I (PHM 2612) **Fall 2024**
Lead Instructor – 100% effort; 33 students

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Curriculum development: Re-organized or redesigned all lectures and course activities to 'flip the classroom' to promote (1) student engagement, (2) attendance, and (3) practical skills development and retention. Each module consists of a newly updated audiovisual presentation on a key aspect of epidemiology to be completed asynchronously and is paired with a newly created or updated in class activity to be done synchronously. Class activities vary widely to promote student interest and avoid stale classroom environments and include statistical software labs, use of publicly available data to answer a research question, practice problem walkthroughs, data presentation, and Epi article journal club activities.

Epidemiology II (PH 2615) **Fall 2024**

Lead Instructor – 100% effort; 21 students

Curriculum development: Updated provided student assignment checklists created in Fall 2022 to rubrics for 3 purposes: (1) to promote transparency in grading and assignment scoring, (2) to provide students a single document at the end of the term with their entire project's feedback, and (3) to provide a framework that will allow for students to more easily peer review each other's worth as well as more insightfully appraise their own. As part of this effort, the course will now address previous student feedback to allow for more inter-group interaction.

2023-2024 Academic Year

Epidemiology I (PHM 2612) **Fall 2023**

Lead Instructor – 100% effort; 33 students

Curriculum development: Developed a hybrid version of the course for this fall term. To facilitate the partially asynchronous/partial synchronous nature of the course, I developed Check Your Learning Assignments for each week of the course to help students practice material covered in the asynchronous portion of the course and to ensure they were prepared to build on this material in the live sessions each week.

Epidemiology II (PH 2615) **Fall 2023**

Lead Instructor – 100% effort; 20 students

Curriculum development: Was the member of a 3-member Teaching Innovation Award designed to improve student engagement in all Epidemiology II online students. In partnership with the Office of Instruction Development, we (1) made all lectures ADA accessible, (2) reorganized lecture slides to allow for closed captions on each, and (3) created and embedded practice questions in all video lectures utilizing H5P software to promote learning engagement with the video lectures.

Epidemiology I Online (PHWM 2612) **Spring 2024**

Lead Instructor – 100% effort; 33 students

Curriculum development: Was the lead faculty on a Teaching Innovation Award designed to improve student engagement in all Epidemiology I online students. In partnership with the Office of Instruction Development, we (1) made all lectures ADA accessible, (2) reorganized lecture slides to allow for closed captions on each slide, (3) created an interactive discussion board assignment called "EpiConnections" designed to allow the student to apply their own personal/academic interests to course concepts, and (4) created and embedded pop up practice questions in all video lectures utilizing H5P software to promote learning engagement with the video lectures. In addition, (5) I created a digital version of the self-guided introduction to statistical software Stata lab (developed in Fall 2022) used to help students (a) engage with statistical software to answer an epidemiological research question and (b) practice assessing for confounding and effect modification and presenting analysis results of a real-world data set. This includes a video introduction, a video walkthrough, and a practice assessment.

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Epidemiology II (PH 2615) **Spring 2024**

Lead Instructor – 100% effort; 21 students

Curriculum development: Adapted the Environmental Audit Field Experience to the Hybrid Epi 2 course structure. The purpose of the Field Study is to allow students to apply didactic coursework to a real-world data collection setting. Additionally, I developed an Environmental Audit Training video to simulate real-world onboarding to a field study. Also, to create learner equity and to facilitate the Environmental Audit Field Experience no matter a student's physical location or abilities, I created a Virtual Data Collection version of the Environmental Audit Field Experience using Google Maps. Two students who would not have otherwise been able to participate were able to pilot this project.

Epidemiology I Online (PHWM 2612) **Summer 2024**

Co-Instructor – 50% effort; 24 students

Epidemiology II Online (PHW 2615) **Summer 2024**

Co-Instructor – 50% effort; 23 students

2022-2023 Academic Year

Epidemiology I (PHM 2612) **Fall 2022**

Co-Instructor – 50% effort; 29 students

Curriculum development: (1) Developed new course lecture materials emphasizing student engagement using practical examples and embedded practice sets for half the course lectures. (2) Adapted and expanded a statistical software lab designed (adapted from Bing Yu, 2018) to introduce students to answering epidemiology questions using software. The lab was created to be self-guided and allow students to work in groups to develop and practice the associated skills.

Epidemiology II (PH 2615) **Fall 2022**

Lead Instructor – 100% effort; 20 students

Curriculum development: (1) Designed and re-organized the course around a drafting process to better reflect the real-world process of creating a Manual of Operating Procedure for a Field Study. Each week students draft 1 or more course assignments to be reviewed by their peer and/or the teaching team. In class students must then defend the choices they've made in the conduct of their proposed study and update the assignments to reflect the discussion and best practices before submitting the work for a grade. (2) Updated and improved the clarity of all existing course assignments (n=18) based on student feedback of the previous semester. Additionally, developed highly detailed checklists for each assignment (n=18) that students could use to evaluate their specific group project (MOP) and to improve learner outcomes. (3) Additionally, creating practice assignments for use in class to help students practice Field Epidemiology core curriculum before applying to their own individual projects.

Epidemiology I (PHM 2612) **Spring 2023**

Co-Instructor – 50% effort; 27 students

Curriculum development: (1) Created a summary assignment for the course modeled after the Epidemiology Preliminary Exam, whereby students read a paper before class and then work in groups to answer questions about the paper that cover all key course curriculum from across the term. (2) Completed the creation of the second half of the course lectures not completed in Fall 2022.

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Epidemiology II (PH 2615) **Spring 2023**

Lead Instructor – 100% effort; 21 students

Curriculum development: (1) Created Check Your Learning Assignments for each week of the course to help students practice material covered in the asynchronous portion of the course and to ensure they were prepared to build on this material in the live sessions each week. (2) Further developed the in-class practice activities initiated in Fall 2022 to help improve peer-to-peer interaction in class and improved learning outcomes.

Epidemiology I Online (PHWM 2612) **Summer 2023**

Co-Instructor – 50% effort; 22 students

Curriculum development: Further adapted all lectures developed during the Fall 2022 and Spring 2023 semesters in several ways: (1) I re-organized the lectures to incorporate the history of the methods in question to helps student appreciate the context in which key epidemiological concepts and practices were developed to make concepts more approachable. (2) As part of this process, I adopted a more narrative style for the lectures and adapted the practice problems within lectures to be consistent with the historical topic discussed. (3) Additionally, all lectures were converted into audiovisual presentations to fit the online modality.

Epidemiology II Online (PHW 2615) **Summer 2023**

Co-Instructor – 50% effort; 24 students

Curriculum development: Shared the drafting process with my co-instructor and adapted the Manual of Operating Procedures Draft Process (created in Fall 2022) to both the shortened summer semester and to fully asynchronous course delivery.

2021-2022 Academic Year

Epidemiology III (PH 2715) **Spring 2022**

Co-Instructor – 50% effort; 39 students

Curriculum development: Adapted and expanded a statistical software lab (adapted from D. Michael Hallman, PhD, 2025) designed to allow students to answer epidemiology questions using software, specifically related to confounding, effect modification, stratified analysis, logistic regression using both categorical, linear, and original predictor variables. The lab was created to be self-guided and allow students to work in groups to develop and practice the associated skills. Created 2 associated homework assignments.

Epidemiology II Online (PHW 2615) **Summer 2022**

Co-Instructor – 50% effort; 40 students

Guest Lecturer – UTHealth Houston School of Public Health

Tropical Infectious Diseases (PH 2800) **Fall 2022**

Course Instructor: Eric L. Brown, PhD

Topic: Filarial parasites of human and veterinary concern

Tropical Infectious Diseases Online (PH 2800) **Fall 2022**

Course Instructor: Eric L. Brown, PhD

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Graduate Teaching Assistant – UTHealth Houston School of Public Health

Tropical Infectious Diseases (PH 2800) **Fall 2014 – 2021**
Course Instructor: Eric L. Brown, PhD

Tropical Infectious Diseases Online (PH 2800) **Fall 2014 – 2021**
Course Instructor: Eric L. Brown, PhD

Immunology (PH 2800) **Even Spring 2016-2020**
Course Instructor: Eric L. Brown, PhD & Cynthia Chappell, PhD

Immunology Online (PH 2800) **Spring 2018, 2020**
Course Instructor: Eric L. Brown, PhD

Medical Microbiology (PH 2800) **Odd Spring 2015-2021**
Course Instructor: Eric L. Brown, PhD & Charles Darkoh, PhD

Medical Microbiology Online (PH 2800) **Spring 2019, 2021**
Course Instructor: Eric L. Brown, PhD & Charles Darkoh, PhD

Epidemiology I (PH 2612) **Fall 2018, 2019**
Course Instructor: Bing Yu, PhD

Secondary Teacher – Fort Bend Independent School District

Biology I 2011 – 2012
Facilitated Texas Biology curriculum for 165 students and prepared students for both End of Course Statewide examinations as well as semesterly district-level assessments.

Independent Private Tutor

Private tutor 2008 – 2011
Topics: English literature, English language, French, Chemistry, Biology, Geometry, Algebra, Algebra II, AP and college essay writing, SAT prep., and study skills

Undergraduate Teaching Assistant – Rice University

Human Physiology Spring 2005
Course Instructor: Brian Gibson, PhD

COMMITTEES AND ACTIVITIES:

UTHealth Houston School of Public Health

2024 - Present Member, **CEPH Accreditation Committee**
2024 - Present Member, **Non-Tenure Track Faculty Steering Committee**
2023 - Present Member, **Faculty Council**
2022 - Present Member, **Epidemiology Preliminary Exam Committee**

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2022 - Present Member, **Epidemiology Curriculum Committee**
2022 - Present Member, **Teaching Certificate Development Committee**
2022 External Reviewer, **Epidemiology Preliminary Exam Committee**

SERVICE TO THE FIELD:

2023 - Present **Review Editor**
Frontiers: Public Health Education and Promotion

Previously served as Peer reviewer for:

Journal of Clinical Investigation
Journal of Infection and Public Health

RESEARCH INTERESTS:
Methods in epidemiology, infectious disease epidemiology, pedagogy, andragogy, immunology, infectious diseases, parasitology, vaccine development, microbiome.

PUBLICATIONS:

1. M. Jibowu, M. Vigilant, A. L. Costa-da-Silva, A. Nelson, M. S. Nolan, M. DeGennaro, **H. T. Essigmann**, E. L. Brown, and S. M. Gunter. Community Composition and Abundance of Mosquito Species in Harris County, Texas: Implications for Public Health. ***In preparation.***
2. M. Jibowu, M. S. Nolan, R. Ramphul, **H. T. Essigmann**, A. O. Oluyomi, E. L. Brown, M. Vigilant, and S. M. Gunter. *Int. J. Health Geogr.* Spatial Dynamics of Culex quinquefasciatus Abundance: Geostatistical Insights from Harris County, Texas. ***Currently under review.***
3. E.L. Brown, **H.T. Essigmann**, K.L. Hoffman, J. Petrosino, G. Jun, S.A. Brown, D.A. Aguilar, and C.L. Hanis. *Curr. Microbiol*. C-reactive protein levels correlate with measures of dysglycemia and gut microbiome profiles. **2024.** 81:45 https://doi.org/10.1007/s00284-023-03560-1. PMID: 38127093.
4. E.L. Brown, **H.T. Essigmann**, K.L. Hoffman, A. Alexander, M. Newmark, Z.D. Jiang, J. Suescun, M.C. Schiess, C.L. Hanis, and H.L. DuPont. IgA-Biome profiles correlate with clinical Parkinson's disease subtypes. **2023**. *J. Parkinsons. Dis*. 13:501-213. PMID: 37212075
5. H.L. DuPont, J. Suescun, Z.D. Jiang, E.L. Brown, **H.T. Essigmann**, A.S. Alexander, A.W. DuPont, T. Iqbal, N.S. Utay, M. Newmark, and M.C. Schiess. Fecal microbiota transplantation in Parkinson's Disease - A randomized repeat-dose, placebo-controlled clinical pilot study. **2023**. *Front. Neurol*. https://doi.org/10.3389./fneur.2023.1104759. PMID: 36937520
6. **H.T. Essigmann**, C.L. Hanis, S.M. DeSantis, W.B. Perkison, D.A. Aguilar, G. Jun, D.A. Robinson, and E.L. Brown. Worsening glycemia increases the odds of intermittent but not persistent *Staphylococcus aureus* nasal carriage in two cohorts of Mexican American Adults. **2022**. 10(3). e0000922. Doi: 10.1128/spectrum.00009-22 *Microbiol. Spectr*. PMID: 35583495**.**

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7. **H.T. Essigmann**, D.A. Aguilar, W.B. Perkison, K.B. Bay, M.R. Deaton, S.A. Brown, C.L. Hanis, and E.L. Brown. Epidemiology of antibiotic use and drivers of cross-border procurement in a Mexican American border community. *Front. Pub. Health*. **2022**. https://doi.org/10.3389/fpubh.2022.832266. PMID: 35356027.

8. **H.T. Essigmann**, K.L. Hoffman, J.F. Petrosino, G. Jun, D. Aguilar, C.L. Hanis, H.L. DuPont, and E.L. Brown. The impact of the Th17:Treg axis on the IgA-Biome across the glycemic spectrum. *PLoS One*. **2021**. 16(10):e0258812. PMID: 34669745.

9. E.L. Brown and **H.T. Essigmann**. Original antigenic sin: the downside of immunological memory and implications for COVID-19. *mSphere***. 2021**. 6(2):00056-21. DOI: 10.1128/mSphere.00056-21. PMID: 33692194.

10. E.L. Brown, **H.T. Essigmann**, K.L. Hoffman, N.W. Palm, S.M. Gunter, J.F. Petrosino, G. Jun, D. Aguilar, W.B. Perkison, C.L. Hanis, and H.L. DuPont. The impact of diabetes on the gut and salivary IgA Microbiomes. **2020***. Infect. Immun*. 88(12). E00301-20. PMID: 32900816.

11. E. Israelsson, D. Chaussabel, R.S. Fischer, H.C. Moore, D.A. Robinson, J.W. Dunkle, **H.T. Essigmann**, S. Record, and E.L. Brown. Characterization of peripheral blood mononuclear cells gene expression profiles of pediatric *Staphylococcus aureus* persistent and non-carriers using a targeted assay. *Microb. Infect*. **2020**. S1286-4579(20)30144-1. PMID: 32758644.

12. S.M. Gunter, K.M. Jones, C.A. Seid, **H.T. Essigmann**, B. Zhan, U. Strych, M.E. Bottazzi, P.J. Hotez, and E.L. Brown. Mutations to cysteine residues in the *Trypanosoma cruzi* B-cell superantigen Tc24 diminish susceptibility to IgM-mediated hydrolysis. *J. Parasitol*. **2017**. PMID: 28581897.

13. C.L. Hanis, K. Garrett, **H.T. Essigmann**, D.A. Robinson, S.M. Gunter, A.G. Nyitray, and E.L. Brown. Household aggregation of *Staphylococcus aureus* by clonal complex and methicillin resistance profiles in Starr County, Texas. *Eur. J. Clin. Microbiol. Infect. Dis*. 36: 1787-1793. **2017**. PMID: 28474178.

14. **H.T. Essigmann**, C. Darkoh, Erin E. McHugh, and E.L. Brown. The *Clostridium difficile* quorum-sensing molecule alters the *Staphylococcus aureus* toxin expression profile. *Int. J. Antimicrobiol. Ag*. **2017.** http://dx.doi.org/10.1016/j.ijantimicag.2017.01.001. PMID: 28111286.

15. M. Reid, R. Fischer, N. Mannathoko, C. Muthoga, E. McHugh, **H.T. Essigmann**, E.L. Brown and A. Steenhoff. Prevalence of *Staphylococcus aureus* nasal carriage in HIV-infected and HIV-uninfected children in Botswana. *Am. J. Trop. Med. Hyg*. **2017**. PMID: 28167588.

16. S.M. Gunter, K.M. Jones, B. Zhan., **H.T. Essigmann**, K.O. Murray, M.N. Garcia, R. Gorchakov, M.E. Botazi, P.J. Hotez, and E.L. Brown. Identification and characterization of the *Trypanosoma cruzi* B-cell superantigen Tc24. *Am. J. Trop. Med. Hyg*. **2016**.94:114-121 DOI: 10.4269/ajtmh.15-0438.

17. E.L. Brown, P.E. Below, R.S. Fischer, **H.T. Essigmann**, H. Hu, C. Huff, A.D. Robinson, L.E. Petty, D. Aguilar, G.I. Bell, and C.L. Hanis. Genome-wide association study of *Staphylococcus aureus* nasal carriage in a community-based sample of Mexican-Americans in Starr County, Texas. *PLoS1*. **2015**. DOI: 10.1371/journal.pone.0142130.

ABSTRACTS AND PRESENTATIONS:

Heather T. Essigmann, PhD, MPH (713)-500-9806
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1. Schick, V., Quan Chen, FT., Ndambakuwa, Y., Weber, E., Mangrem, S., Brown, C., Brown, E., **Essigmann, H. T.**, Roberts, L., Troisi, C. GRASSROOTS HEALTH: Bringing Hepatitis B and C Education, Testing, Vaccination and Navigation to the Door of Individuals Living in Permanent Supportive Housing. Oral Presentation at the American Public Health Association Annual Meeting. Boston, MA. 2022.
2. H. Chen, H. Hu, L. E. Petty, D. A. Robinson, **H. T. Essigmann**, R. S. Fischer, C. L. Hanis, C. Huff, E. L. Brown, J. E. Below. Genome-wide association study of *Staphylococcus aureus* infection and clonal complexes in related samples from Starr County, Texas. American Society of Human Genetics. Vancouver, Canada, 18-22 October, **2016**.
3. M. Reid, R.S. Fischer, D.A. Robinson, X. Lou, N. Mannathoko, C. Muthoga, **H.T. Essigmann**, E.L. Brown, A. Steenhoff. Molecular characterization of *Staphylococcus aureus* colonizing HIV-infected adults in Botswana. 21st International AIDS Conference. Durban, South Africa, 18-22 July, **2016**.
4. S.K. Murphy, **H. T. Essigmann**, K.M. Jones, K.O. Murray, P.J. Hotez, and E.L. Brown. Identification and characterization of the *Trypanosoma cruzi* B-cell super antigen Tc24. American Association of Immunologists Annual Meeting. New Orleans, LA. May 8-12, **2015**.
5. S.K. Murphy, **H. T. Essigmann**, K.M. Jones, K.O. Murray, P.J. Hotez, and E.L. Brown. Identification and characterization of the *Trypanosoma cruzi* B-cell super antigen Tc24. Tropical Infectious Diseases Gordon Conference. Galveston, TX. March 8-12, **2015**.
6. E.L. Brown, S.K. Murphy, and **H. T. Essigmann**. 'Identification and characterization of the *Trypanosoma cruzi* Tc24 B-cell superantigen.' Forty-first Annual Fancy Gap Immunoparasitology Workshop, Wake Forest, Winston-Salem, NC, October 9-12, **2014.**

ADVISING EXPERIENCE:

Academic Advisor – UTHealth Houston School of Public Health, Department of Epidemiology

Doctoral Program

Rhoda Ojo	PhD	Dallas Campus	2024- present

Master's Programs

Katherine Wang	MPH	Houston Campus	2024- present
Munachimso Nwankwo	MPH	Houston Campus	2024- present
Julia Kirk	MPH	Houston Campus	2024- present
Shirindokht Shirazi	MPH	Houston Campus	2024- present
Pakesh Raza	MPH	Houston Campus	2024- present
Ermelinda Garduno	MPH	Dallas Campus	2024- present
Zarin Akhter*	MPH	Houston Campus	2024
Roshitha X. Ramisetty*	MPH	Houston Campus	2023- 2024
Hetal Talreja	MPH	Houston Campus	2023- present
Zainab Naeem	MPH	Houston Campus	2023- present
Deeksha Sharma	MPH	Houston Campus	2023- present

Gunjan Bhatia	MPH	Houston Campus	2023- present
Aditya Mamlatdarna	MPH	Houston Campus	2023- present
Alejandro Velez	MPH	Online	2023- present
Maria Rivera	MPH	Online	2023- present
Lauren Koeppel	MPH	Houston Campus	2022- present
Alisa Nelson*	MPH	Houston Campus	2022- 2024
Ruchi Nikhil Pavaskar*	MPH	Houston Campus	2022- 2024
Srusti Ganesh Bhalerao*	MPH	Houston Campus	2022- 2024
Wesley Baisley	MPH	Online	2022- present
Ashley Nicole Boubel	MPH	Online	2022- present
Carolina Granada	MPH	Houston Campus	2022- present
Zarna Lalwani	MPH	Houston Campus	2022- present
Madhura Shah*	MPH	Houston Campus	2023
Carla Godoy*	MPH	Houston Campus	2022-2023

Graduated

Practicum Supervisor – UTHealth Houston School of Public Health, Department of Epidemiology

Kritika Suri	MPH	Houston Campus	Fall 2024
Shirindokht Shirazi	MPH	Houston Campus	Fall 2024
Hetal Talreja	MPH	Houston Campus	Fall 2024
Ermelinda Garduno	MPH	Dallas Campus	Summer 2024
Alisa Nelson	MPH	Houston Campus	Summer 2024
Lauren Koeppel	MPH	Houston Campus	Summer 2024
Bansari Ranjani	MPH	Houston Campus	Summer 2024
Aditya Mamlatdarna	MPH	Houston Campus	Summer 2024
Carolina Granada	MPH	Houston Campus	Spring 2024
Elizabeth Nguyen	MPH	Austin Campus	Spring 2024
Roshitha X. Ramisetty	MPH	Houston Campus	Spring 2024
Wesley Baisley	MPH	Online	Fall 2023
Breana Alsworth	MPH	Austin Campus	Fall 2023
Ruchi Nikhil Pavaskar	MPH	Houston Campus	Summer 2023
Zarna Lalwani	MPH	Houston Campus	Summer 2023
Srusti Bhalerao	MPH	Houston Campus	Summer 2023
Lindsey Burcham	MPH	Houston Campus	Summer 2023
Katie Katsounas	MPH	Houston Campus	Spring 2023
Carla Godoy	MPH	Houston Campus	Spring 2023
Zehra Jaffari	MPH	Houston Campus	Fall 2022
Gerardo Dominguez-Diaz	MPH	Austin Campus	Fall 2022
Krithika Ganesh	MPH	Houston Campus	Summer 2022
Jenna Guzman	MPH	Austin Campus	Summer 2022

Thesis Committee Member / ILE Advisor – UTHealth Houston School of Public Health, Department of Epidemiology

Master's Program

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Zarna Lalwani	MPH/ILE	Houston Campus	Fall 2024
*Lauren Koeppel	MPH/ILE	Houston Campus	Fall 2024
Ruchi Nikhil Pavaskar	MPH/ILE	Houston Campus	Summer 2024
Assessing the magnitude and impact of food and nutrition insecurity in cancer patients			
Zarin Akter	MPH/ILE	Houston Campus	Spring 2024
Mental Healthcare Service Usage following Disaster in Mexico: ABC Daycare Fire			
Alisa Nelson	MPH/Thesis	Houston Campus	2023 - 2024
Thesis: Tick-Borne Pathogen Surveillance in Harris County: Spotted Fever Group Rickettsia			
*Zehra Jaffari	MPH/ILE	Houston Campus	Spring 2023
Applying evidence-based management practices to make recommendations to an organization facing a healthcare problem: Candida auris			

Primary Advisor

Committee Member – UTHealth Houston School of Public Health

Doctoral Program

Angela Zieba	PhD Epidemiology	2024- present
*Morgan Jibowu	PhD Epidemiology	2023- 2024
Dissertation: Population Dynamics of Medical Important Mosquitos in Harris County, Texas		
Cory Pfeifer	PhD MPACH	2023- present
Chardria Trotter	PhD MPACH	2023- present
*Shelby Rose Simar	PhD Epidemiology	2022- 2024
Dissertation: The Bugs they are A-Changin': The Persistence and Resistance of Enterococci		
Taylor Castillo	PhD MPACH	2022- present

Graduated

CONFERENCES/ SYMPOSIUMS:

Fall 2024	**Rice University Center for Teaching Excellence Reading Group** (3 hours) *Read and Discussed: Improving Learning and Mental Health in the College Classroom by Robert Eaton, Steven V. Hunsaker, and Bonnie Moon.*
Sept. 2024	**Teaching and Learning with AI Webinar** (1 hour) *Inside Higher Ed*
Fall 2023	**Rice University Center for Teaching Excellence Reading Group** (3 hours) *Read and Discussed: Small Teaching by James Lang*
July 2023	**Advances in Teaching and Learning Day** (8 hours)
May 2023	**American Educational Research Association Annual Meeting** (20 hours)
March 2023	**SHINE Academy: 2023 Innovations in Health Science Education Annual Conference** (15 hours)
June 2022	**West Virginia Summer Scholar's Teaching Institute** (8 hours)

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May 2022 **TEACH-S: Texas Education Academies Collaborative for Health Professionals-Southeast Educational Symposium** (8 hours)

PROFESSIONAL MEMBERSHIP:

2021-present **Member, Delta Omega Honorary Society in Public Health**
2023-2024 **Member, American Educational Research Association (AERA)**

OTHER SERVICE:

Aug. 2024 **Facilitator, PhD Student Career and Professional Development Listening Session (2 hrs)**
UTHealth SPH PhD Epidemiology Student Association (EPSA)

May. 2024 **Panelist and Presenter, Fostering Teaching Excellence (1 hr)**
UTHealth SPH Department of Epidemiology Faculty Retreat

Nov. 2023 **Panelist, Careers in Epidemiology (2 hrs)**
UTHealth SPH PhD Epidemiology Student Association (EPSA)

Sept. 2023 **Community Partner and Small Group Facilitator (4 hrs)**
UTHealth Houston Community Action Poverty Simulator

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