

## CURRICULUM VITAE

**Eric Luís Brown, PhD**

Center for Infectious Diseases  
Division of Epidemiology  
School of Public Health  
University of Texas Health Science Center  
1200 Pressler RAS E-719  
Houston, TX 77030

Phone: 713-500-9355  
E-mail: eric.l.brown@uth.tmc.edu

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### ACADEMIC POSITIONS:

- 2017- Adjunct Faculty  
Center for Infectious and Inflammatory Diseases  
Texas A&M Health Science Center  
Houston, TX
- 2016- Associate Professor/with tenure  
Center for Infectious Disease  
University of Texas Houston  
School of Public Health  
Houston, TX
- 2011-2016 Associate Professor/tenure track  
Center for Infectious Disease  
University of Texas Houston  
School of Public Health  
Houston, TX
- 2010-2011 Assistant Professor/tenure track  
Center for Infectious Disease  
University of Texas Houston  
School of Public Health  
Houston, TX
- 2005-2010 Assistant Professor/non tenure track  
Center for Infectious Disease  
University of Texas Houston  
School of Public Health  
Houston, TX
- 2004-2005 Discipline Scientist-Immunology  
University of Houston  
Wyle Laboratories Bioastronautics Team/NASA-JSC  
Human Adaptation & Countermeasures  
Houston, TX

2001-2004            Research Assistant Professor  
Texas A&M University System Health Science Center  
Institute of Biosciences and Technology  
Center for Extracellular Matrix Biology  
Houston, TX

2000-2001            Assistant Research Scientist  
Texas A&M University System Health Science Center  
Institute of Biosciences and Technology  
Center for Extracellular Matrix Biology  
Houston, TX

1996-1999            Postdoctoral Research Associate  
Texas A&M University System Health Science Center  
Institute of Biosciences and Technology  
Center for Extracellular Matrix Biology  
Houston, TX

**RESEARCH INTERESTS:**

Immunology, infectious diseases, microbiology, parasitology, vaccine development, infectious disease epidemiology, human genetics of infectious disease.

**EDUCATION:**

1990-1996            Graduate School of Biomedical Sciences  
The University of Texas M.D. Anderson Cancer Center  
Houston, TX.  
PhD in Immunology under the supervision of Dr. Margaret Kripke  
*Thesis: "The Effect of Ultraviolet Radiation on Borrelia burgdorferi Infections."*

1985-1989            Texas A&M University  
College Station, TX  
B.S. in Biology

**TEACHING APPOINTMENTS:**

2006-present        Medical Microbiology, University of Texas School of Public Health

2006-present        Immunology, University of Texas School of Public Health

2005-present        Tropical Infectious Diseases, University of Texas School of Public Health

2010-2012            Genetics of Infectious Diseases (co-instructor), University of Texas School of Public Health

2008-2009            Emerging Bacterial Diseases (co-instructor), University of Texas School of Public Health

2010-2013            Infectious Diseases Journal Club, University of Texas School of Public Health

- 2003-2004      Advanced Topics in Biomedical Science, Graduate School of Biomedical Science, Texas A&M University Health Science Center
- 2000-2004      Microbial Pathogenesis, Department of Extracellular Matrix Biology, Texas A&M Health Science Cent

**HONORS AND AWARDS:**

- 2018            John P. McGovern Outstanding Teacher Award
- 2010            Dean's Teaching Excellence Award, University of Texas School of Public Health
- 2009            Dean's Teaching Excellence Award, University of Texas School of Public Health
- 2008            Dean's Teaching Excellence Award, University of Texas School of Public Health
- 1993-1996      Smith Fellow, M. D. Anderson Cancer Center

**COMMITTEES AND ACTIVITIES:**

- 2016-present      Division of Epidemiology, Human Genetics, and Environmental Sciences Admissions Committee
- 2012-present      Member of the National School of Tropical Medicine, Baylor College of Medicine
- 2011-present      Editorial Board, *Infection and Immunity*
- 2011-present      Biosafety Committee, University of Texas School of Public Health
- 2009-2016        Division of Epidemiology Scholarship Committee
- 2002-present      Member, American Association of Immunologists
- 2002-2016        Member, American Society for Microbiology
- 2011-2014        Research Council, University of Texas School of Public Health
- 2011-2012        Chair, Center for Infectious Diseases Faculty Search Committee
- 2011-2012        Public Health Innovation Search Committee
- 2011              Annual Award for Excellence in Teaching Selection Committee
- 2011              Antimicrobial Resistance Discussion Panel Participant, World Health Day
- 2000-2004        Member, Texas A&M Institute of Biosciences and Technology ARAC committee

2000-2004	Member, Texas A&M Institute of Biosciences and Technology Animal Care and Use Committee
2000-2004	Member, Texas A&M Institute of Biosciences and Technology Equipment Committee
2003	Scientific Advisory Board Meeting, Inhibitex Inc., Alpharetta, GA
2000	Expert witness for the Texas Senate Committee on Administration focusing on tick-borne illnesses in Texas and issues relating to prevention and treatment of Lyme disease

**PEER REVIEW AND STUDY SECTION:**

Peer reviewer for the following journals:

*Infection and Immunity* (Editorial Board Member 2011-present)  
*Clinical Vaccine Immunology*  
*Journal of Bacteriology*  
*Journal of Clinical Microbiology*  
*European Journal of Clinical Microbiology and Infectious Diseases*  
*Journal of Medical Microbiology*  
*Microbial Pathogenesis*  
*PLoS One*  
*Scientific Reports*  
*Expert Review of Gastroenterology & Hepatology*  
*Journal of Medical Microbiology*  
*Journal of Pediatric Infectious Diseases*  
*Epidemiology and Infection*  
*European Journal of Clinical Microbiology and Infectious Diseases*  
*JSM Arthrosclerosis*  
*Virulence*  
*Journal of Antibiotics*  
*Case Reports in Orthopedics*

*Ad hoc* member, NIH Immunity and Host Defense Study Section (October 2018)

*Ad hoc* member, NIH Host Interactions with Bacterial Pathogens Study Section (February 2018)

*Ad hoc* member, NIH Host Interactions with Bacterial Pathogens Study Section (June 2017)

*Ad hoc* member, NIH Host Interactions with Bacterial Pathogens Study Section (June 2016)

*Ad hoc* member, NIH Immunity and Host Defense Study Section (February 2016)

*Ad hoc* member, NIH Immunity and Host Defense Study Section (June 2015)

*Ad hoc* member, NIH Genetic Variation and Evolution Study Section (June, 2014)

*Ad hoc* member, NIH Special Emphasis Panel (2001)

Reviewer for NIOSH ERC Pilot Projects research training applications, University of Texas Health Science Center (2009-2011)

Reviewer of non-UT School of Public Health course materials for possible credit toward the MPH degree. The course materials reviewed were lecture and syllabus content from the Texas Tech Medical School microbiology class (2009).

PK-12 Reviewer, University of Texas Health Science Center (2007)

**PUBLICATIONS:**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/eric.brown.2/bibliography/40738471/public/?sort=date&direction=ascending>

1. Sarah M. Gunter, Leroy Versteeg, Kathryn M. Jones, Brian P. Keegan, Ulrich Strych, Maria Elena Bottazzi, Peter J. Hotez, and **Eric L. Brown**. Covalent vaccination with *Trypanosoma cruzi* Tc24 induces catalytic antibody production. *Parasite Immunol.* **2018**. In press.
2. S.M. Gunter, C. Cordray, R. Gorchakov, I. Du, B. Dittmar, **E.L. Brown**, K. Murray, and M. Nolan Garcia. Identification of white-tailed deer (*Odocoileus virginianus*) as a novel reservoir species for *Trypanosoma cruzi* in Texas. *J. Wildlife Dis.* **2018**. In press. PMID: 29889005.
3. L. Challagundla, X. Luo, I.A. Tickler, X. Didelot, D.C. Coleman, A.C. Shore, G.W. Coombs, D.O. Sordelli, **E.L. Brown**, R. Skov, A.R. Larsen, J. Reyes, I.E. Robledo, G.J. Vazquez, R. Rivera, P.D. Fey, K. Stevenson, S.H. Wang, B.N. Kreiswirth, J.R. Mediavilla, C.A. Arias, P.J. Planet, R.L. Nolan, F.C. Tenover, R.V. Goering, D.A. Robinson. Range Expansion and the Origin of USA300 North American Epidemic Methicillin-Resistant *Staphylococcus aureus*. *MBio.* **2018**. Jan-Feb; 9(1): e02016-17. PMID: 29295910.
4. A.G. Nyitray, J.T. Hicks, L.Y. Hwang, S. Baraniuk, M. White, S. Millas, N. Onwuka, X. Zhang, **E.L. Brown**, M.W. Ross, E.Y. Chiao. A Phase 2 clinical study to assess the feasibility of self- and partner anal exams to detect anal canal abnormalities including anal cancer. *Sex. Transm. Infect.* **2017**. PMID: 28835533.
5. N.S. Leung, M.L. Vidoni, D.A. Robinson, P. Padgett, and **E.L. Brown**. A Community-based study of *Staphylococcus aureus* nasal colonization and molecular characterization among men who have sex with men. *LGBT Health.* 5:345-351. **2017**. PMID: 29022859.
6. P. Mahale, E.A. Engles, L. Ruosha, H. Torres, L.Y. Hwang, **E.L. Brown**, and J. Kramer. The effect of sustained virological response on the risk of extrahepatic manifestations of hepatitis C virus infection. *Gut.* **2017**. PMID: 28634198.
7. 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.
8. H.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.
9. S.M. Gunter, K.O. Murray, R. Gorchakov, R. Beddard, S.N. Rossmann, S.P. Montgomery, H. Rivera, **E.L. Brown**, D. Aguilar, L.E. Widman, and M.N. Garcia. Likely autochthonous transmission of *Trypanosoma cruzi* to humans, Southcentral Texas, USA. *Emerging Infect. Dis.* **2017**. 23(3):494-497. doi:10.3201/eid2303.161157. PMID: 28221110.

10. 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.
11. M.J. Reid, A.P. Steenhoff, N. Mannathoko, C. Muthoga, E. McHugh, **E.L. Brown**, and R.S. Fischer. *Staphylococcus aureus* nasal colonization among HIV-infected adults in Botswana: Prevalence and risk factors. *AIDS Care.* **2017**. PMID: 28127988.
12. P. Mahale, H.A. Torres, J.R. Kramer, L. Hwang, R. Li, **E.L. Brown**, and E.A. Engels. Hepatitis C virus infection and the risk of cancer among elderly US adults: A registry-based case-control study. *Cancer.* **2017**. doi:10.1002/cncr.30559. PMID:28117886
13. 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.
14. S.M. Gunter, **E.L. Brown**, R. Gorchakov, K.O. Murray, and M.N. Garcia. Sylvatic transmission of *Trypanosoma cruzi* among domestic and wildlife reservoirs in Texas, USA: A review of the historical literature. *Zoonoses and Public Health.* **2016**. DOI: 10.1111/zph.12330. PMID:27911051.
15. S. Agarwal, D.T. Nguyen, J. Lew, L.D. Teeter, J.M. Yamal, B. Restrepo, **E.L. Brown**, S. Dorman, E.A. Graviss. Comparing TSPOT Assay Results between an Elispot Reader and Manual Counts. *Tuberculosis.* **2016**. 101:S92-S98. PMID 27727132.
16. S. Agarwal, D.T. Nguyen, J. Lew, L.D. Teeter, J.M. Yamal, B. Restrepo, **E.L. Brown**, S. Dorman, E.A. Graviss. Differential Positive TSPOT Assay Responses to ESAT-6 and CFP-10 in Health Care Workers. *Tuberculosis.* **2016**. 101:S83-S91. PMID: 27727133
17. C.L. Hanis, S. Redline, B.E. Cade, G.I. Bell, N.J. Cox, J.E. Below, **E.L. Brown**, D. Aguilar. Beyond Type 2 Diabetes, Obesity and Hypertension: An Axis Including Sleep Apnea, Left Ventricular Hypertrophy, Endothelial Dysfunction, and Aortic Stiffness among Mexican Americans in Starr County, Texas. *Cardiovasc. Diabetol.* **2016**. 15:86. DOI 10.1186/s12933-016-0405-6.
18. I. Tolo, J.C. Thomas, R.S. Fischer, **E.L. Brown**, B.M. Gray, and D.A. Robinson. Do *Staphylococcus epidermidis* genetic clusters predict isolation sources? *J. Clin. Microbiol.* **2016**. 7:1711-1719. DOI:10.1128/JCM.03345-15.
19. 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.
20. **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.
21. M. Walczak, R. Grzywa, A. Lupicka-Slowik, M. Skorenski, K. Bobrek, D. Nowak, S. Boivin, **E.L. Brown**, J. Oleksyszyn, M. Siencyk. Method for generation of peptide-specific IgY antibodies directed to the *Staphylococcus aureus* extracellular fibrinogen binding epitope. *Biopolymers.* **2015**. 104(5):552-9. DOI: 10.1002/bip.22695.

22. R. Grzywa, M. Wlaczak, A. Lupicka-Slowik, K. Bobrek, S. Boivin, **E.L. Brown**, A. Gawel, T. Stefaniak, J. Oleksyszyn, M. Sienczyk. Adjuvant-dependent immunogenicity of *Staphylococcus aureus* Efb and Map proteins in chickens. *Vet Immunol Immunopathol.* **2015.** 166(1-2):50-56. DOI:10.1016/j.vetimm.2015.04.009
23. S.J. Patlovich, R.J. Emery, L.W. Whitehead, **E.L. Brown**, R. Flores. Assessing the Biological Safety Profession's Evaluation and Control of Risks Associated with the Field Collection of Potentially Infectious Specimens. *Applied Biosafety: Journal of the American Biological Safety Association.* **2015.** 20:27-40.
24. N.S. Leung, P. Padgett, D.A. Robinson, and **E.L. Brown**. Prevalence and behavioral risk factors of *Staphylococcus aureus* nasal colonization in community-based injection drug users. *Epi Infect.* **2014.** DOI: <http://dx.doi.org/10.1017/S0950268814003227>
25. R.K. Gamble, R.J. Emery, L.W. Whitehead, **E.L. Brown**, and R. Flores. The feasibility of using a rapid adenosine triphosphate bioluminescence assay as an objective means of assessing the presence of biological contamination on laboratory surfaces. *Applied Biosafety Association.* **2014.** 19:141-148.
26. S. Planque, Y. Nishiyama, M. Hara, S. Sonoda, S.K. Murphy, K. Watanabe, Y. Mitsuda, **E.L. Brown**, R.J. Massey, S.R. Primmer, B. O'Nuallain, and S. Paul. Physiological transthyretin amyloid-selective catalytic antibodies. *J. Biol. Chem.* 289: 13243-13258. **2014.** [Cited 6 times] PMID:2468510
27. C. Darkoh, **E.L. Brown**, H.B. Kaplan, and H.L. DuPont. Bile salt inhibition of host cell damage by *Clostridium difficile* toxins. *PLoS1.* 8:e79631. **2013.** [Cited 9 times] PMID:24244530
28. E.E. Mathews, J. Actor, **E.L. Brown**, P.J. Martinez, J. Perla, N. Upasana, S. Hwang, S.P. Fisher-Hoch, J.B. McCormick, and S. Mirza. Impaired CD4+Th17 memory response to is associated with elevated glucose and %A1c in Mexican Americans with Type 2-diabetes. *Trans. Res.* S1931-5244 (13) 00213-2. **2013.** [Cited 6 times] PMID:23927943
29. C. Schrodtt, E.E. McHugh, M. Gawinowicz, H.L. DuPont, and **E. L. Brown**. Rifaximin-mediated changes to the epithelial cell proteome: 2-D Gel Analysis. *PLoS1.* 8:e68550. **2013.** [Cited 17 times] PMID:23922656
30. C.Z. Grimes, L. Hwang, P. Wei, D.P. Shah, K.A. Volcik, and **E.L. Brown**. Differentially regulated gene expression associated with hepatitis C viral clearance. *J. Gen. Virol.* **2013.** 94:534-542. PMID:23152368
31. **E.L. Brown.**, K.C., Smith and M.G. Bowden. Identification of a T-cell epitope in the *Staphylococcus aureus* Panton-Valentine LukS-PV component. *Open J. Immunol.* 3:111-115. **2012.** DOI: 10.4236/oji.2012.23013.
32. E.E. Mathews, **E.L. Brown**, P.J. Martinez, B. Upasana, N. Moon, R.L. Burton, S.P. Fisher-Hoch, J.B. McCormick, and S. Mirza. Impaired function of antibodies to pneumococcal surface protein A and not to capsular polysaccharide in Mexican American adults with type 2 diabetes mellitus. *Clin. Vac. Immunol.* 19:1360-9. **2012.** [Cited 7 times] PMID: 22761295.

33. J.K. Rudkin, A.M. Edwards, G. Bowden, **E.L. Brown**, W. Chan, P. Williams, J. Erudkin, and R. Massy Methicillin resistance reduces the virulence of HA-MRSA by interfering with the agr quorum sensing system. *J. Infect. Dis.* 205798-806 **2012**. [Cited 84 times] PMID: 22301683.
34. E.M. Edwards, M.G. Bowden, **E.L. Brown**, M. Laabei, and R.C. Massey. *Staphylococcus aureus* extracellular adherence protein triggers TNF- $\alpha$  release, promoting attachment to endothelial cells via Protein A. *PLoS1*. 8:e43046. **2012**. [Cited 31 times] PMID:22905199
35. **E.L. Brown**, Y. Nishiyama, J.W. Dunkle, S. Aggarwal, S. Planque, K. Watanabe, K.C., Smith, M.G. Bowden, S.L. Kaplan and S. Paul. Constitutive production of catalytic antibodies to a *Staphylococcus aureus* virulence factor and effect of infection. *J. Biol. Chem.* 287:9940-9951. **2012**. [Cited 11 times] PMID:22303018
36. D. Shah, C.Z. Grimes, **E.L. Brown** and Lu-Yu Hwang. Demographics, socio-behavioral factors, and drug use patterns: What matters in spontaneous HCV clearance. *J. Med. Virol.* 84:235-241. **2012**. [Cited 5 times] PMID:22170543
37. E.K. Nichols, J.S. Nichols, B.J. Selwyn, C. Coello-Gomez, G.R. Parkerson, **E.L. Brown** and R.S. Day. Implications of the WHO child growth standards in rural Honduras. *Public Heal. Nutr.* 17:1-8. **2012**. [Cited 1 time] PMID:22251429
38. C. Espinoza, V. Fisher, W. Jean, B. Gaines, K. Davis, A. Wanger, **E.L. Brown**, J. Slomka, L. Ostrosky-Zeichner. Prevalence and risk factors of methicillin-resistant *Staphylococcus aureus* colonization among critically ill hospitalized patients in a tertiary care center in Houston, Texas: an active surveillance pilot project. *Infect. Control. Hosp. Epidemiol.* 32:93-95. **2011**. [Cited 3 times] PMID:21128785
39. F. Vandenesch, F. Couzon, S. Boisset, Y. Benito, **E.L. Brown**, G. Lina, J. Etienne and M.G. Bowden. The Panton-Valentine leukocidin is a virulence factor in a murine model of necrotizing pneumonia. *J Infect Dis* 201:967-969, **2010**. [Cited 7 times] PMC2620665
40. J. Jiang, H.L. DuPont, **E.L. Brown**, R.K. Nandy, T. Ramamurthy, A. Sinha, S. Ghosh, S. Guin, K. Gurleen, S. Rodrigues, J.J. Chen, R. McKenzie and R. Steffen. Microbial etiology of travelers' diarrhea in Mexico, Guatemala and India: Importance of enterotoxigenic *Bacteroides fragilis* and *Arcobacter* species. *J Clin Microbiol* 48:1417-1419, **2010**. [Cited 75 times] PMC2849570
41. **E.L. Brown**, Q. Xue, Y. Xu, Z. Jiang and H.L. DuPont. Pretreatment of epithelial cells with Rifaximin alters bacterial attachment and internalization profiles. *Antimicrob Agents Chemother* 54:388-396, **2010**. [Cited 67 times] PMC2849570
42. **E.L. Brown**, O. Dumitrescu; D. Thomas, C. Badiou, E. Koers, P. Choudhury, J. Etienne, G. Lina, F. Vandenesch and M.G. Bowden. The Panton Valentine leukocidin vaccine protects mice against *Staphylococcus aureus* USA300 lung and skin infections. *Clin Microbiol Infect* 15:156-164, **2009**. [Cited 155 times] PMC2657196
43. K. Vigil, H. DuPont, M. DuPont, Z. Jiang, J.J. Chen, K.L. Palumbo, **E.L. Brown** and C.D. Ericsson. Coliform and *Escherichia coli* Contamination of Desserts Served in Public Restaurants from Guadalajara, Mexico and Houston Texas. *J Trop Med and Hyg* 80:606-608, **2009**. [Cited 5 times] PMID 19346385
44. **E.L. Brown**, M.G. Bowden, R.S. Bryson, K.G. Hulten, A.S. Bordt, A. Forbes and S.L. Kaplan. The pediatric antibody response to community-acquired *Staphylococcus aureus*



- infections is directed to the Panton-Valentine leukocidin. *Clin Vac Immunol* 16:139-141, **2009**. [Cited 29 times] PMC2620665
45. D.B. Huang, **E.L. Brown**, H.L. DuPont, J. Cerf, L. Carlin and P.C. Okhuysen. Seroprevalence to the enteroaggregative *Escherichia coli* virulence factor dispersin among U.S. travelers to Cuernavaca, Mexico: A pilot study. *J Med Microbiol* 57:476-479, **2008**. [Cited 4 times]
  46. H.L. Koo, Z.D. Jiang, **E.L. Brown**, C. Garcia, H. Qi and H.L. DuPont. Coliform contamination of vegetables obtained from popular restaurants in Guadalajara, Mexico, and Houston, Texas. *Clin Infect Dis* 47:218-221, **2008**. [Cited 11 times]
  47. T.J. Scriba, S. Sierro, **E.L. Brown**, R.E. Phillips, A.K. Sewell and R.C. Massey. The *S. aureus* Eap protein activates expression of proinflammatory cytokines. *Infect Immun* 76(5):2164-8, **2008**. [Cited 14 times]
  48. R. Massy, T.J. Scriba, **E.L. Brown**, R.E. Phillips and A.K. Sewell. Use of peptide-major histocompatibility complex tetramer technology to study interactions between *Staphylococcus aureus* proteins and human cells. *Infect Immun* 75:5711-5715, **2007**. [Cited 11 times]
  49. M. Labandeira-Rey, F. Couzon, S. Boisset, **E.L. Brown**, M. Bes, Y. Benito, M. Höök, J. Etienne, F. Vandenesch and M.G. Bowden. The Panton-Valentine leukocidin, associated with *Staphylococcus aureus* necrotizing pneumonia in humans, up-regulates the production of protein A and induces pneumonia in a mouse model. *Science* 315:1130-1133, **2007**. [Cited 805 times]
  50. H. Järveläinen, P. Puolakkainen, S. Pakkanen, **E.L. Brown**, M. Höök, R. Iozzo, H. Sage and T.N. Wight. A role for decorin in cutaneous wound healing and angiogenesis. *Wound Repair and Regeneration* 14:443-452, **2006**. [Cited 114 times]
  51. T.J. Ochoa, **E.L. Brown**, C.E. Guion, J.Z. Chen, R.J. McMahon and T.G. Cleary. Effect of lactoferrin on enteroaggregative *E. coli* (EAEC). *Biochem Cell Biol* 84:369-376, **2006**. [Cited 17 times]
  52. **E.L. Brown**, J. Kim, E.S. Reisenbichler and M. Höök. Multicomponent Lyme vaccine: three is not a crowd. *Vaccine* 23:3867-3696, **2005**. [Cited 62 times]
  53. L.Y. Lee, X. Liang, M. Höök and **E.L. Brown**. Identification and characterization of the C3 binding domain of the *Staphylococcus aureus* extracellular fibrinogen-binding protein (Efb). *J Biol Chem* 279: 50710-50716, **2004**. [Cited 137 times]
  54. F.T. Liang, **E.L. Brown**, T. Wang, Renato V. Iozzo and E. Fikrig. Protective niche for *Borrelia burgdorferi* to evade humoral immunity. *Am J Pathol* 165:977-985, **2004**. [Cited 109 times]
  55. L.Y. Lee, M. Höök, D. Haviland, R. Wetsel, E.O. Yonter, P. Syribeys, J. Vernachio and **E.L. Brown**. Inhibition of complement activation by a secreted *Staphylococcus aureus* protein. *J Infect Dis* 190:571-579, **2004**. [Cited 143 times]
  56. Y. Xu, J.M. Rivas, **E.L. Brown**, X. Liang and M. Höök. Virulence potential of the Staphylococcal Adhesin CNA in experimental arthritis is determined by its affinity for collagen. *J Infect Dis* 189:2323-2333, **2004**. [Cited 94 times]
  57. T.A. Willett, A.L. Meyer, **E.L. Brown** and B.T. Huber. Effective 2nd Generation OspA-derived Lyme vaccine that eliminates a potentially autoreactive T cell epitope. *PNAS USA* 101:1303-1308, **2004**. [Cited 49 times]

58. D.S. Pikas, **E.L. Brown**, S. Gurusiddappa, L.Y. Lee, Y. Xu and M. Höök. Decorin binding sites in the adhesin DbpA from *Borrelia burgdorferi*: A synthetic peptide approach. *J Biol Chem* 278: 30920-30926, **2003**. [Cited 27 times]
59. L.Y. Lee, Y.J. Miyamoto, B.W. McIntyre, M. Höök, K.W. McCrea, D. McDevitt and **E.L. Brown**. The *Staphylococcus aureus* Map protein is a immunomodulator that interferes with T cell-mediated responses. *J Clin Invest* 110: 1461-1471, **2002**. [Cited 128 times]
60. D. Cooper, M.W. Pride, **E.L. Brown**, D. Risin and N.R. Pellis. Suppression of antigen-specific lymphocyte activation in modeled microgravity. *In Vitro Cell Dev Biol Anim* 37:63-65, **2001**. [Cited 29 times]
61. **E.L. Brown**, S.E. Ullrich, M.W. Pride and M.L. Kripke. The effect of UVB irradiation on infection of mice with *Borrelia burgdorferi*. *Photochem Photobiol* 107:845-852, **2001**. [Cited 19 times]
62. **E.L. Brown**, M. Wooten, B.J.B. Johnson, A. Smith, K.G. Danielson, R.V. Iozzo, M.C. Dolan, B.P. Guo, J.J. Weis and M. Höök. Resistance to Lyme disease in decorin-deficient mice. *J Clin Invest* 73.5:537-544, **2001**. [Cited 124 times]
63. **E.L. Brown**, B.P. Guo, P. O'Neal and M. Höök. Adherence of *Borrelia burgdorferi*: Identification of critical lysine residues in DbpA required for decorin binding. *J Biol Chem* 274:26272-26278, **1999**. [Cited 43 times]
64. B.P. Guo, **E.L. Brown**, D.W. Dorward, L.C. Rosenberg and M. Höök. Decorin binding adhesins from *Borrelia burgdorferi*. *Mol Microbiol* 30:711-723, **1998**. [Cited 259 times]
65. M.W. Pride, **E.L. Brown**, L.C. Stephens, J.J. Killion, S.J. Norris and M.L. Kripke. Specific Th1 cell lines that confer protective immunity against experimental *Borrelia burgdorferi* infection in mice. *J Leukoc Biol* 63:542-549, **1998**. [Cited 11 times]
66. **E.L. Brown**, J.M. Rivas, S.E. Ullrich, C. Young, S.J. Norris and M.L. Kripke. Modulation of immunity to *Borrelia burgdorferi* by ultraviolet irradiation: Differential effect on Th1 and Th2-type immune responses. *Eur J Immunol* 25:3017-3022, **1995**. [Cited 61 times]
67. A. Jeevan, R. Evans, **E.L. Brown** and M.L. Kripke. Effect of local ultraviolet irradiation on infections of mice with *Candida albicans*, *Mycobacterium bovis* BCG, and *Schistosoma mansoni*. *J Invest Dermatol* 99: 59-64, **1992**. [Cited 32 times]

#### **BOOK CHAPTERS:**

1. A. Jeevan, **E.L. Brown** and M.L. Kripke. UV and Infectious Diseases. In *Photoimmunology-An Update*, J. Krutmann and C. Elmetts, Eds., Blackwell Science, Cambridge, MA **1995**, p.153.
2. A. Jeevan, A.Y. Denkins, **E.L. Brown** and M.L. Kripke. Biologic Effects of Light. In *Biologic Effects of Light*. Atlanta, Georgia: Walter de Gruyter & Company, New York **1991**, p.83.

#### **PATENTS AND DISCLOSURES:**

**BROWN et al.** International PCT Application PCT/USO2/00401 Based on U.S. Provisional Application Serial No. 60/260, 523  
 Title: "METHOD OF PREVENTING T CELL-MEDIATED RESPONSES USING THE S. AUREUS MAP PROTEIN"

**BROWN et al.** TAMUS 1632 PCT Application PCT/US01/28541 TAMK:230PCT  
Title: "MULTICOMPONENT MSCRAMM LYME DISEASE VACCINE"

**BROWN et al.** International PCT Application PCT/US2008/005221. Document Identifier US  
20100183614 A1  
Title" "IMMUNOGLOBULINS DIRECTED TO BACTERIA, VIRAL AND ENDOGENOUS  
POLYPEPTIDES

**INVITED SPEAKER PRESENTATIONS:**

1. 'Catalytic Antibodies and B-cell Superantigens'. Center for Infections and Inflammatory Diseases, Institute of Biosciences and Technology, Texas A&M University. Houston, TX. May 20, 2017.
2. 'Microbial Superantigens and their Impact on Immunity. Feigin Center Research Seminars. Baylor College of Medicine. Houston, TX. October 23, 2014.
3. 'Constitutive Production of Catalytic Antibodies to the *Staphylococcus aureus* Virulence factor Efb and the Effect of Infection.' Key Note Address. Texas Branch for the American Association of Microbiologist, New Braunfels, TX. 2012.
4. 'The Changing Epidemiology of *Staphylococcus aureus*.' Greater Houston Dental Hygienists Society. December, 2009.
5. 'Is the *S. aureus* Panton-Valentine Leukocidin Associated with Disease Severity?' Orthodontic Research Seminar, The University of Texas Dental School, Houston, TX. September 12, 2007.
6. 'Two is Company, Three is not a Crowd: MSCRAMM-based vaccines.' Regional ASM, College Station, TX. November, 2003.
7. 'The *Staphylococcus aureus* secreted protein Efb binds C3 and inhibits complement activation.' Staphylococcal Gordon Research Conference, Oxford, England. September, 2003.
8. 'Microbial Immunomodulatory Molecules (MIMs) from *Staphylococcus aureus*.' The Institute for Molecular Pathogenesis and Therapeutics, Department of Medical Microbiology and Immunology College of Medicine. Texas A&M University Health Science Center, College Station, TX. April 2002.
9. 'The Decorin-binding protein from *B. burgdorferi*: From adhesin to vaccine. Institute of Molecular Medicine Seminar Series, The University of Texas Health Science Center, M.D. Anderson Cancer Center. August 2002.
10. 'Adhesins of *Borrelia burgdorferi*.' Gordon Research Conference, Ventura, CA. January 2002.
11. 'Immunomodulation by the *S. aureus* MHC analog protein Map'. Molecular Basis of Infectious Disease Seminar Series, Department of Pathology, UT Medical School, Houston, TX. January 2002.
12. 'A T cell line specific for *Borrelia burgdorferi* induces DTH and reduces the numbers of spirochetes recoverable from infected mice.' The Immunology of Persistent Infections, The 9th International Congress of Immunology, San Francisco, CA. July 1995.

**ABSTRACTS AND PRESENTATIONS:**

1. S.M Gunter, R. Gorchakov, C. Cordray, M. Sandoval, **E.L. Brown**, K.O. Murray, and M.N. Garcia. Sylvatic transmission of *Trypanosoma cruzi* among wildlife reservoirs in Texas: a review of the literature and update from contemporary studies. The James H. Steele Conference of Disease in Nature Transmissible to Man. Irving, Texas. May 24-26, 2017.
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**, and 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**, and A. Steenhoff. Molecular characterization of *Staphylococcus aureus* colonizing HIV-infected adults in Botswana. 21<sup>st</sup> International AIDS Conference. Durban, South Africa, 18-22 July 2016.
4. J.E. Below, H. Hu, B. Cade, D. Aguilar, **E.L. Brown**, H.M. Highland, S. Redline, G.I. Bell, C. Huff, N.J. Cox, C.L. Hanis. Completing The Picture: Capturing The Genetic Basis Of Untoward Glucose Metabolism Through Pleiotropic Analyses Of Glucose-related Traits In A Population From Starr County, Texas. American Diabetes Association, Boston, MA, 2015.
5. S.K. Murphy, Heather 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.
6. S.K. Murphy, Heather 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.
7. M. Reid, R. Fischer, N. Mannathoko, **E.L. Brown**, and A. Steenhoff. Risk factors for *Staphylococcus aureus* carriage in HIV-infected adults in Southern Botswana. Conference on Retroviruses and Opportunistic Infections (CORI). Washington State Convention Center, Seattle, Washington, USA. February 23-26, 2015.
8. M. Reid, R. Fischer, N. Mannathoko, **E.L. Brown**, and A. Steenhoff. Risk factors for *Staphylococcus aureus* carriage in HIV-infected adults in Southern Botswana. 5<sup>th</sup> Botswana International HIV Conference. Gaborone, Botswana, August 2014.
9. **E.L. Brown**, S.K. Murphy, and Heather T. Essigmann. 'Identification and characterization of the *Trypanosoma cruzi* Tc24 B-cell superantigen.' Fifteenth Annual Fancy Gap Immunoparasitology Workshop, Wake Forest, Winston-Salem, NC, October 9-12, 2014.
10. I. Tolo, J.C. Thomas, R.S. Bryson, **E.L. Brown**, B.M. Gray, and D.A. Robinson. Do *Staphylococcus epidermidis* genetic clusters predict isolation sources? International Symposium on Staphylococci and Staphylococcal Infections, Chicago, IL, August 2014.
11. J.E. Below, D. Aguilar, **E.L. Brown**, H.M. Highland, S. Redline, G.I. Bell, N.J. Cox, and C.L. Hanis. Genome wide association and exome sequence data analysis for more than

100 traits in Mexican Americans. 64<sup>th</sup> Annual Meeting of the American Society of Human Genetics, San Diego, CA, October 2014.

12. M. Grove, K.A. Volcik, and **E.L. Brown**. Interaction of immune-related genetic polymorphisms and breastfeeding duration with *Helicobacter pylori* prevalence: the Pasitos Cohort Study. 64<sup>th</sup> Annual Meeting of the American Society of Human Genetics, San Diego, CA, October 2014.
13. S. Moraros, **E.L. Brown**, J.M. Yamal, E. Mason, and S. Kaplan. Weight-for-age percentile and its association to community acquired MRSA among pediatric patients in Houston, TX: 2008-2011. IDSA conference, San Francisco, CA, October 2013.
14. Y. Nishiyama, **E.L. Brown**, S. Planque, C.V. Hanson, R.J. Massey, and S. Paul. Immunoglobulin catalytic activity: constitutive origin and adaptive down-regulation. ASBMB Special Symposium Trypsin-Like Proteases: Structure, Function and Regulation June 7 - 10, 2012; Granlibakken Resort and Conference Center, Tahoe City, CA. 2012.
15. Y. Nishiyama, **E.L. Brown**, S. Planque, and C.V. Hanson. Proteolytic antibodies to superantigenic substrates: Innate origin and adaptive down-regulation. Gordon Research Conference (Proteolytic Enzymes and their Inhibitors). Renaissance Tuscany Il Ciocco Resort, Tuscany, Italy. June 17-22, 2012.
16. Y. Nishiyama, **E.L. Brown**, Stephanie Planque, C.V. Hanson, R.J. Massey, and S. Paul. Immunoglobulin catalytic activity: constitutive origin and adaptive down-regulation. ASBMB Special Symposium Trypsin-Like Proteases: Structure, Function and Regulation June 7 - 10, 2012; Granlibakken Resort and Conference Center, Tahoe City, CA. 2012.
17. J.S. Nichols, R.S. Day, B.J. Selwyn, **E.L. Brown**, G.R. Parkerson, and C. Coello-Gomez. Understanding Community Health Needs through Triangulation. Poster presentation for James K. Alexander Research Day at Baylor College of Medicine; won 2<sup>nd</sup> place in the 'Clinical Research' award category. 2009.
18. J.S. Nichols, R.S. Day, B.J. Selwyn, **E.L. Brown**, G.R. Parkerson, and C. Coello-Gomez. Beyond the numbers: A triangulated approach to community health needs assessment in southwestern Honduras". Selected for poster presentation at Unite for Sight annual conference, New Haven, CT. April 2009.
19. D. Clary, H.L. DuPont, C. Walker, Z. Jiang, and **E.L. Brown**. Pathogenic *E. coli* and Antibiotic-Resistant Bacteria Isolated from Household Water Sources from the Miches Watershed of the Dominican Republic. Unite for Sight Poster Presentation. Yale University, New Haven, CT. April 17-18, 2009.
20. Y. Nishiyama, S. Planque, Y. Mitsuda, D. Ghosh, M. Hara, G. Nitti, C.V. Hanson, M. Escobar, and **E.L. Brown** and S. Paul. Catalytic IVIG? Page 1 of 10 International Forum on Immunoglobulin Research, Fort Lauderdale, FL. November 19-22, 2009.
21. M.G. Bowden and **E.L. Brown**. The Panton Valentine Leukocidins Increase the Virulence of Community Acquired-Methicillin Resistant *S. aureus*. Presented at the Staphylococcal Gordon Conference, Les Diablerets, Switzerland. September 2-6, 2007.

22. **E.L. Brown**, K.F. Duncan, K. Smith, S. Planque and S. Paul. Identification and Characterization of Catalytic Antibodies to the *Staphylococcus aureus* Virulence Factor Efb. American Association of Immunologists Annual Meeting, Miami, FL. June **2007**.
23. M. Labandeira-Rey, **E.L. Brown**, F. Couzon, V. Vazquez, J. Etienne, M. Höök, F. Vandenesch, and M.G. Bowden. The Presence of PVL Enhances the Virulence of Community Acquired-Methicillin Resistant *Staphylococcus aureus*. Presented at the 105<sup>th</sup> Annual Meeting of the American Society for Microbiology, Atlanta, GA. May **2005**.
24. M. Labandeira-Rey, **E.L. Brown**, F. Couzon, V. Vazquez, J. Etienne, M. Höök, F. Vandenesch, and M.G. Bowden. The Presence of PVL Enhances the Virulence of Community Acquired-Methicillin Resistant *S. aureus*. Presented at the Staphylococcal Gordon Conference, New Port, RI. September **2005**.
25. **E.L. Brown**, D.S. Pikas, J. Skare, M. Labandeira-Rey and M. Höök. BBA73 is a Fibrinogen-binding MSCRAMM from *B. burgdorferi*. 6<sup>th</sup> Biology of Spirochetes Gordon Conference, Ventura, CA. January 25-29, **2004**.
26. J. Kim, J. Singvall, U. Schwarz-Linek, **E.L. Brown**, J. Potts, B.J.B. Johnson, and M. Höök. 103rd General Meeting, American Association of Microbiologists, Washington, D.C. May **2003**.
27. **E.L. Brown**, D.S. Pikas, J. Skare, M. Labandeira-Rey, and M. Höök. Identification of a fibrinogen-binding MSCRAMM from the Lyme spirochete *Borrelia burgdorferi*. 103rd General Meeting, American Association of Microbiologists, Washington, D.C. May **2003**.
28. J. Kim, W. Probert, Barbara J.B. Johnson, M. Höök, and **E.L. Brown**. Characterization of two ligand-binding sites in BBK32; a fibronectin-binding MSCRAMM from *Borrelia burgdorferi*. Graduate Research Symposium, The Texas A&M University Health Science Center, College Station, TX. March **2002**.
29. L.Y. Lee, M. Höök and **E.L. Brown**. Prevention of T cell responses by the *S. aureus* MHC class II analog protein (Map). Graduate Research Symposium. The Texas A&M University Health Science Center, College Station, TX. March **2002**.
30. **E.L. Brown**, S. Gurusiddappa and M. Höök. Protection against *Borrelia burgdorferi* infections in mice immunized with peptides from the decorin-binding adhesin DBP. The American Association of Immunologists and Clinical Immunology Society Joint Annual Meeting, Seattle, WA. May **2000**.
31. B.P. Guo, **E.L. Brown**, D.W. Dorward, L.C. Rosenberg and M. Höök. Decorin binding proteins from *Borrelia burgdorferi*. The Texas Branch of The American Society for Microbiology Fall Meeting, College Station, TX. November **1998**.
32. **E.L. Brown**, S.J. Norris and M.L. Kripke. The effect of UVB radiation on immune responses and disease development in mice infected with *Borrelia burgdorferi*. XII Annual Texas Immunology Conference, Oklahoma City, OK. November **1994**.
33. **E.L. Brown** and M.L. Kripke. The effect of UVB radiation on antibody and delayed type hypersensitivity responses to *Borrelia burgdorferi*. A role for IL-10 and IL-4 in UV-

induced immune suppression. XI Annual Texas Immunology Conference, Galveston, TX. November 1993.

34. **E.L. Brown** and M.L. Kripke. The effects of UV radiation on delayed type hypersensitivity and antibody production in C3H mice immunized with various doses of *Borrelia burgdorferi*. Joint Meeting of the American Association of Immunologists and the Clinical Immunology Society, Denver, CO. May 1993.\
35. **E.L. Brown** and M.L. Kripke. Comparison between antibody and DTH in C3H mice immunized with various doses of *Borrelia burgdorferi*. The University of Texas M. D. Anderson Cancer Center 1992 Basic Science Symposium: Immunobiology of Cancer: Cellular and Molecular Mechanisms, Houston, TX. October 1992.
36. **E.L. Brown** and M.L. Kripke. The effect of high and low dose UV-B irradiation on infection with *Schistosoma mansoni*. IX Texas Immunology Conference, Galveston, TX. November 1991.
37. **E.L. Brown** and W.M. Kemp. The role of ecdysteroids in concomitant immunity to *Schistosoma mansoni*. Fifteenth Annual Fancy Gap Immunoparasitology Workshop, Wake Forest, Winston-Salem, NC. October 1988.

#### **FUNDING SOURCES-CURRENT SUPPORT:**

- 7//2017 - 6//2022 NIH/NIAID R01 (PI Niytray)  
“Annual Anal Sampling Using DNA Screening to Identify Men Who Have Sex with Men at Increased Risk for Anal Cancer”  
Role/Status (Co-PI)/Funded  
\$1,500,360.00
- 09//2017 - 08//2022 NIH/NIDDK R01  
“Microbiome and Worsening Glycemia Among Mexican Americans in Starr County, Texas”  
Role/Status: PI (multi PI grant)/ Funded  
\$1,606,521.00
- 9/2010 - 8/2018 Salix Pharmaceuticals  
“Characterization of the Mechanism of Action for the Antibiotic Rifaximin on Epithelial Cell Monolayer Permeability”  
Role / Status: PI/Funded  
\$97,000

#### **FUNDING SOURCES-COMPLETED SUPPORT:**

- 9/1/2010-8/37/2016 NIH/NIAID R01  
“Genome-Wide Association of Staphylococcal Carriage”  
Role / Status: PI (multiple PI grant)/Funded  
\$2,467,194.00
- 8/2010 - 7/2012 Kleberg Foundation  
“Analysis of Genes Associated with *S. aureus* Carriage and Susceptibility to Juvenile Arthritis”  
Role / Status: PI / Funded  
\$125,600
- 8/2009 - 7/2012 NIH / NIAID R21  
“Catalytic Antibodies to *Staphylococcus aureus*: Identification and Characterization”  
Role / Status: PI / Funded  
Direct Costs / Indirect Costs: \$275,000 / \$137,500
- 8/2009 - 7/2011 Kleberg Foundation  
“Genome-Wide Association Study of *S. aureus* Carriage in a Mexican-American Population in Starr County, TX”  
Role / Status: PI/Funded  
\$220,000
- 7/2007 - 4/2010 NIH/NIDDK R21  
“*H. pylori* Infection in Hispanic Children: Immune Response Pathway SNP Patterns” (Supplement)  
Role / Status: PI/Funded  
Direct Costs/Indirect Costs: \$357,221 / \$61,530



5/2009 - 4/2010	NIH/NIDDK R21 “ <i>H. Pylori</i> Infection in Hispanic Children: Immune Response Pathway SNP patterns” Role / Status: PI/Funded Direct Costs / Indirect Costs: \$27,624 / \$13,812
9/2005 - 9/2007	The University of Texas School of Public Health PRIME Award “Polymicrobial <i>E. coli</i> Infections Result in Increased Pathogenesis” \$50,000
3/2001 - 2/2004	Centers for Disease Control “Development of a Multi-component Subunit Vaccine Against the Lyme Spirochete <i>Borrelia burgdorferi</i> ” \$147,522/yr
9/2001 - 9/2003	Fondren Foundation “Development of a Multi-component Subunit Vaccine Against the Lyme Spirochete <i>Borrelia burgdorferi</i> ” \$50,000
2/1998 - 3/2001	Centers for Disease Control “A Murine Model for Lyme Disease in Decorin Deficient Mice” \$442,566

## **MENTORING EXPERIENCE:**

1. Jitesh Shewale (SPH). PhD Epidemiology. 2013-2018. Primary advisor. Graduated.
2. Rodion Gorchakov (SPH). PhD Epidemiology. 2014-2018. Academic Advisor. Graduated
3. Brittney Naylor (SPH). PhD Epidemiology. 2017-present. Academic Advisor.
4. Rachel White (SPH). PhD Epidemiology. 2017-present. Academic Advisor.
5. Heather T. Essigmann (SPH). PhD Epidemiology. 2017-present. Academic and Thesis Advisor.
6. Rachel White (SPH). MPH Epidemiology. 2016-2017. Academic Advisor. Graduated.
7. Jaaron Botello (SPH). MPH Epidemiology. 2016-present. Academic Advisor.
8. Cristina Garcia (SPH). MPH Epidemiology. 2015-2017. Graduated.
9. Vancheswaran Gopalakrishnan (SPH). PhD Epidemiology. 2015-present. Academic Advisor. Graduated.
10. Robert Spenser (SPH). MPH Epidemiology. 2015-2017. Academic and Thesis Advisor. Graduated.
11. Timothy Erickson (SPH). PhD Epidemiology. 2015-present. Academic Advisor.
12. Tyler McCue (Baylor College of Medicine). PhD. 2014-2017. Committee Member.
13. Sarah Murphy (SPH). PhD Epidemiology. 2013-2016. Thesis Advisor. Graduated.
14. Apurva Ravindra Jain (SPH). MPH Epidemiology. 2013-2017. Academic Advisor. Graduated.
15. Parag Sudhir Mahale. PhD Epidemiology. 2012-2016. Academic Advisor. Graduated.
16. Heather R. Tooker-Blue (SPJ). PhD Epidemiology. 2012-present. Academic Advisor.
17. Yi-Ting Sheng (Serena) (SPH). MPH Epidemiology. 2013–2015. Primary Advisor. Graduated.
18. Heather Essigmann (SPH). MPH Epidemiology. 2013-2015. Primary Advisor and Thesis Advisor. Graduated.
19. Ruth Reitzel (SPH). PhD Epidemiology. 2012-2017. Academic Advisor. Graduated.
20. Spirodon Moraros (SPH) MPH Epidemiology. 2011-2013. Thesis Advisor. Graduated.
21. Sarah Jenkins (GSBS). PhD. Dissertation Committee. 2010-2013. Graduated.
22. Nina Shiang (SPH). PhD Epidemiology. 2010-2013. Thesis advisor. Graduated.
23. Cosmina Gingaras (SPH). PhD Epidemiology. 2012-2017. Primary advisor.
24. Suvendra Vijayan (SPH). MPH Epidemiology. 2010-2012. Primary advisor. Graduated.
25. Vinu Jyothi (SPH). MPH Epidemiology. 2011-2012. Primary advisor. Graduated.
26. Nutan Heballi (SPH). MPH Epidemiology. 2011-2013. Primary advisor. Graduated.
27. Jitesh Shewale (SPH). MPH Epidemiology. 2011-2013. Primary advisor. Graduated.
28. Oluwatosin Badejoko (SPH). MPH Epidemiology. 2011-2013. Primary advisor. Graduated.

29. Syed Rizve (SPH). MPH Epidemiology. 2011-2013. Primary Advisor. Graduated.
30. Erin McHugh (SPH). MPH Epidemiology. 2010-2012. Practicum and Thesis Advisor. Graduated.
31. Saroochi Agarwal (SPH). PhD Epidemiology. 2010-2016. Academic Advisor.
32. Parag Mahale (SPH). PhD Epidemiology. 2012-2016. Primary Advisor. Graduated.
33. Parag Mahale (SPH). MPH Epidemiology. 2010-2012. Primary Advisor. Graduated.
34. Leila Sahni (SPH). PhD Epidemiology. 2010-present. Primary Advisor.
35. Mahwish Mushtaq (SPH). MPH Epidemiology. 2010-2012. Primary Advisor. Graduated.
36. Navdeep Pal (SPH). MPH Epidemiology. 2010-2012. Primary Advisor. Graduated.
37. Lisa McManus (SPH). MPH Health Promotion. 2009-2011. Committee Member. Graduated.
38. Marape Marape (SPH). PhD Epidemiology. Academic advisor. Graduated.
39. Jenny Critell (SPH). MPH Epidemiology. 2010-2013. Primary Advisor. Graduated.
40. Poonam Deshmukh (SPH) MPH Epidemiology. 2010-2013. Primary advisor. Graduated.
41. Marsha Feske (SPH). PhD Epidemiology. 2010-2011. Member. Graduated 2011.
42. Natalie A. Blum (SPH). MPH Epidemiology. 2010-2011. Primary Advisor. Graduated.
43. Anupam Pande (SPH). MPH Epidemiology. 2010-2011. Primary Advisor. Graduated.
44. Victoria Nakimbugwe (SPH). MPH Epidemiology. 2010. Practicum Advisor. Graduated.
45. Caroline Schrodtt (SPH). MPH Epidemiology, 2010-2012 Thesis Advisor. Graduated.
46. Kirsten Rains (SPH). PhD Epidemiology. 2010-2012, Qualifying examination committee and dissertation committee member. Graduated.
47. Josh Calcote (SPH). PhD in Epidemiology. 2010-2012, Qualifying examination committee member. Graduated.
48. Rebecca Bryson (SPH). PhD in Epidemiology, 2010-2015, Primary Advisor. Graduated.
49. Elizabeth Foster (SPH). MPH Epidemiology. 2007-2012. Primary Advisor. Graduated.
50. Andrea Bordt (GSBS). PhD Candidate, 2009-2012. Committee member.
51. Erin M. Koers (SPH). PhD in Epidemiology. 2006-2009, Committee Member. Graduated.
52. Christina Socias (SPH). MPH Epidemiology. 2008-2009, Committee Member. Graduated.
53. Jesse Dunkle (SPH). MPH Epidemiology, 2006-2009, Academic and Thesis Advisor. Graduated.
54. Joseph William (SPH). MPH Epidemiology, 2006-2009, Thesis Advisor. Graduated.
55. Heather C. Moore (SPH). MPH Epidemiology. 2007-2015. Thesis Advisor.
56. Rebecca S. Bryson (SPH). MPH Epidemiology, 2007-2009 Thesis Advisor. Graduated.
57. Dianne Wells (SPH). MPH Epidemiology, 2007-2011. Primary Advisor. Graduated.
58. Caroline Espinoza (SPH). MPH Epidemiology. 2007-2009. Committee Member. Graduated.

59. Darien Clary (SPH). MPH Epidemiology. 2007-2008, Academic and Thesis Advisor. Graduated.
60. Yamini Gupta (SPH). MPH Epidemiology. 2006-2008, Primary Advisor. Graduated May 2008.
61. Sumesh Kachroo (SPH). PhD in Epidemiology. 2006-2008. Committee Member. Graduated.
62. Cathryn Alice Cates (SPH). MPH. 2006-2008. Committee Member. Graduated May 2008.
63. Parvathy Nair (SPH). PhD in Epidemiology, 2005-2007, Academic advisor. Graduated May 2007.
64. Endira Jamecca Jones (SPH). MPH Epidemiology, 2006-2011, Committee member. Graduated May 2011.
65. Charles A. Monney (SPH). PhD Epidemiology. 2006-2008. Committee Member. Graduated May 2008.
66. Jeffrey Scott Patlovich (SPH). MPH Epidemiology. 2006-2008. Committee Member. Graduated.
67. Kirti Sopan Talole (SPH). MPH Epidemiology. 2006-2008. Committee Member. Graduated.
68. Christopher M. Walker (SPH). PhD Epidemiology. 2006-2010. Committee Member.
69. Heather E. Elfman (SPH). MPH Epidemiology. 2005-2006. Committee Member. Graduated May 2006.
70. Brooke Russell (Texas A&M-IBT). PhD candidate, 2005-2007, Committee Member. Project entitled 'Identification and Characterization of BSP10, a Putative Internalin from *Bacillus anthracis*'. Graduated.
71. Vanessa Vasquez (GSBS) PhD candidate, 2005-2006, Committee Member. Project entitled 'Interaction of the *Staphylococcus aureus* Panton Valentine Leukocidins with Host Cells'. Graduated.
72. Katherine F. Duncan (SPH). MPH Epidemiology, 2005-2007, Primary Advisor. Thesis entitled 'Identification and Characterization of Catalytic Antibodies to the *S. aureus* Virulence Factor Efb'. Graduated.
73. Rodney Bowling (Texas A&M-IBT). PhD Candidate, 2004-2007, Committee Member. Doctoral thesis entitled 'T-Box Mediated Expression Through its 3'-Untranslated Region: A novel Cardiac Enhancer'. Graduated.
74. Robert Cabrera (Texas A&M-IBT). PhD Candidate, 2005-2006, Committee Member. Thesis entitled 'Mechanisms of Folic Acid in Neural Tube Defect Reduction'. Graduated.
75. Jenny Kim (Texas A&M-IBT). PhD Candidate, 2001-2006, Committee Member. Thesis entitled 'Identification and Characterization of the *Borrelia burgdorferi* fibronectin-binding Protein BBK32'. Graduated.
76. Lawrence Lee (GSBS). PhD candidate, 2001-2005, Primary Advisor. Thesis entitled 'The Identification and Characterization of the *Staphylococcus aureus* Microbial Immunomodulatory Molecules (MIMs) Map and Efb'. Graduated.

77. Dat Nghiem (GSBS). PhD Candidate, 2005, Committee Member. Thesis entitled 'Mechanisms Involved in Suppression of the Elicitation of Immune Responses by Ultraviolet Light'. Graduated.
78. Jason Mitchell (GSBS). PhD Candidate, 2004, Committee Member. Thesis entitled 'T cell adhesion regulation from clustering GM1 lipid rafts'. Graduated.
79. Matthew Billard (GSBS). PhD Candidate, 2004, Committee Member. Graduated.
80. Dana Kurana (Texas A&M-IBT). PhD Candidate, 2000-2003, Committee Member.
81. Damon Choe (Texas A&M-IBT). PhD Candidate, 2000-2004, Committee Member. Graduated.
82. Trent Fowler (GSBS). PhD Candidate, 2000-2002, Committee Member. Thesis entitled 'Requirements for *Staphylococcus aureus* in vitro cellular internalization'. Graduated.