

Dimpy P. Shah, MD, MSPH, PhD

The University of Texas Health San Antonio
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EDUCATION

PhD	The University of Texas at Houston School of Public Health	Epidemiology (Infectious Diseases) (GIS, Biostatistics)	2014
MSPH	Texas A&M Health Science Center School of Rural Public Health	Epidemiology (Biostatistics)	2008
MD	Seth G. S. Medical College K.E.M. Hospital, Mumbai, India	Medicine	2005

PROFESSIONAL EXPERIENCE

<i>Assistant Professor</i>		Jun 2017 - Present
Department of Epidemiology & Biostatistics/Institute for Health Promotion Research, UT Health Cancer Center UT Health San Antonio		
<i>Instructor</i>		Mar 2015 – Jun 2017
Department of Infectious Diseases The University of Texas MD Anderson Cancer Center (MDACC)		
<i>Adjunct Assistant Professor</i>		Mar 2015 – Present
Epidemiology, Human Genetics and Environmental Sciences The University of Texas School of Public Health		
<i>Adjunct Assistant Professor</i>		May 2016 – Jun 2017
Epidemiology The University of North Texas School of Public Health		
<i>Adjunct Assistant Professor</i>		Jan 2016 – Dec 2016
Epidemiology and Biostatistics Texas A&M School of Public Health		
<i>Postdoctoral Fellow</i>		Dec 2013 – Feb 2015
Department of Infectious Diseases		

The University of Texas MD Anderson Cancer Center

Graduate Research Assistant

Jan 2011– Dec 2013

Department of Infectious Diseases

The University of Texas MD Anderson Cancer Center

PhD Candidate / Graduate Teaching Assistant

Aug 2009 – Aug 2013

Epidemiology, Human Genetics, and Environmental Sciences

The University of Texas School of Public Health

Epidemiologist

Jun 2008 – Jan2009

Disease Control and Medical Epidemiology

Harris County Public Health and Environmental Services

Teaching Assistant, Graduate

Aug 2006 – Aug 2007

Epidemiology and Biostatistics

Texas A&M Health Science Center

Medical Intern

Dec 2003 – Feb 2005

Seth G. S. Medical School and K.E.M. Hospital

RESEARCH FUNDING

Role	Grant/Award
Co-investigator	<i>Assessment and Prevention of Liver Cancer Risk in Latino Families of South Texas, UT Health, San Antonio, TX</i> Cancer Prevention and Research Institute of Texas *Submitted
Collaborator	<i>Identification of genetic alterations in patients with gastric cancer and its correlation with race, ethnicity, and Helicobacter pylori infection, UT Health, San Antonio, TX</i> Cancer Prevention and Research Institute of Texas *Submitted
Co-Investigator	<i>Survivorship Oncology UT Health San Antonio Core: Expanding Cancer Survivorship Research for the South Texas Underserved Population, UT Health, San Antonio, TX</i> Cancer Prevention and Research Institute of Texas *Submitted

Co-Investigator	<p><i>Uncovering the hidden triggers for disparities in liver cancer and progression of liver disease, UT Health, San Antonio, TX</i> National Institute on Minority Health and Health Disparities *Submitted</p>
Co-Principle Investigator	<p><i>Risk Prediction Models and Biomarkers for Non-viral HCC, UT Health, San Antonio</i> Cancer Prevention and Research Institute of Texas *Submitted</p>
Collaborator	<p><i>Dental Caries and Periodontal disease in people living with HIV/AIDS (PLHIV) in Uganda, UT Health, San Antonio</i> National Institute of Dental and Craniofacial Research *Submitted</p>
Collaborator	<p><i>Administrative Supplements for the P30 Cancer Center Support Grants to Support Population Health Assessment in Cancer Center Catchment Areas, UT Health, San Antonio</i> National Institute of Health *Submitted</p>
Collaborator	<p><i>Elucidating Dynamics of Oral Polymicrobial Communities and Designing Synthetic Biofilms to Improve Oral Cancer Outcomes, UT Health, San Antonio</i> National Institute of Dental and Craniofacial Research *Submitted</p>
Co-Leader	<p><i>Microbiome Working Group, UT Health, San Antonio</i> *Active</p>
Principle Investigator	<p><i>Viral Pneumonia and Mortality in Stem Cell Transplant Recipients</i> Mentored Research Scholar Grant, American Cancer Society, 2017-2021 *Active</p>
Principle Investigator	<p><i>Bronchiolitis obliterans in hematopoietic stem cell transplant survivors</i> Cancer Survivorship Research Seed Money Grants</p>

University Cancer Foundation and the Duncan Family
Institute for Cancer Prevention and Risk Assessment, 2016-
2017

***Completed**

Principle Investigator *The Nasal Microbiota and Pneumonia: Variation Within and
Between Hematopoietic Cell Transplant Recipients with
Respiratory Syncytial Viral Infections*

Cyrus Scholar Award for Clinical Research, 2016-2017

***Completed**

Co-Principle Investigator *Immunogenome, Microbiome, and Virome Study of
Allogeneic Hematopoietic Cell Transplant Recipients with
Respiratory Viral Infections*

Internal Funding, MDACC, 2014-2015

***Completed**

Collaborator *Correlation of changes in the human microbiome, antibodies
and cytokine levels with infections in patients undergoing
hematopoietic stem cell transplantation*

Internal Funding, MDACC, 2014-2015

***Completed**

Collaborator *Immune monitoring of hematopoietic stem cell transplant
recipients at risk for Cytomegalovirus reactivation: A
prospective observational study*

Oxford Immunotec Inc., 2013-2014

MEBRS, MDACC, 2013-2014

***Completed**

Collaborator *The ability of T-SPOT.CMV assay to predict outcome of low
level CMV reactivation in hematopoietic stem cell transplant
recipients*

Oxford Immunotec Inc., 2013-2014

***Completed**

Collaborator *An Open Label Randomized Controlled Trial to Prevent the
Progression of Respiratory Syncytial Virus Upper
Respiratory Tract Infection to Lower Respiratory Tract
Infection in patients after Hematopoietic Stem Cell
Transplant*

Dept of Infectious Diseases, MDACC, 2011-2015

***Completed**

PI-INITIATED RESEARCH PROTOCOLS

Role	Protocol
Principle Investigator	<i>Liver Cancer: Data and Sample Repository</i>
Principle Investigator	<i>Development of Statistical Models to Examine Microbiome and Metabolomic Signatures in Diagnosis and Prognosis of Parainfluenza Viral Infection in Hematopoietic Cell Transplant Recipients</i>
Principle Investigator	<i>Multinational Consortium of Respiratory Viral Infections in Stem Cell Transplant Recipients - RSV</i>
Principle Investigator	<i>Multinational Consortium of Respiratory Viral Infections in Stem Cell Transplant Recipients - PIV</i>
Principle Investigator	<i>Bronchiolitis Obliterans following Respiratory Viral Infections in Allogeneic Hematopoietic Stem Cell Transplant Recipients</i>
Co-Principle Investigator	<i>Virology Bank: Respiratory Viruses in Cancer Patients</i>
Collaborator	<i>Utility of Interferon-gamma release assays for the diagnosis of Mycobacterium Tuberculosis in Cancer patients</i>
Collaborator	<i>Herpes virus acyclovir- resistant infection in Hematologic malignancy and Stem cell transplant Patients at MD Anderson Cancer Center between 2002-2013</i>
Co-Principle Investigator	<i>Herbaspirillum: An Emerging Infection in Cancer Patients</i>
Collaborator	<i>The impact of patient's and caregivers' influenza vaccination status on subsequent disease during the 2013-2014 Influenza Season.</i>
Collaborator	<i>Etiology and natural course of central nervous system infections in hematopoietic stem cell transplantation recipients</i>
Collaborator	<i>Does rectal colonization with Pseudomonas Aeurogenosa affect the infection rate with the same organism in hematopoietic stem cell transplant patients?</i>

Collaborator	<i>The utility of surveillance blood cultures in allogeneic stem cell transplant patients</i>
Collaborator	<i>Clinical Characteristics and Outcome of Novel Influenza A (H1N1) Infection in Patients with Cancer</i>
Collaborator	<i>Cytomegalovirus Infection in Patients with Cancer</i>
Co-Investigator	<i>Clinical Characteristics, Significance, and Outcome of Positive HHV-6 DNA by PCR in Blood of Stem Cell Transplant Recipients</i>
Co-Principal Investigator	<i>Impact of RSV Infection in Patients with Hematological Malignancies: A Single Center Study</i>
Collaborator	<i>The impact of patient's and caregivers' influenza vaccination status on subsequent disease during the 2013-2014 Influenza Season</i>
Collaborator	<i>Human Papilloma Virus associated Diseases after Hematopoietic Cell Transplantation</i>
Collaborator	<i>Retrospective Analysis of Viral Upper Respiratory Tract Infections and Subsequent Pneumonia in Patients with Hematologic Malignancies</i>

HONORS AND AWARDS

Winner, James and Suzanne Cyrus Scholar Award for Clinical Research, MDACC	2016
Lupe C. Garcia Endowed Fellowship Award for Cancer Research, MDACC	2015
Finalist, Cyrus Scholar Award for Clinical Research, MDACC	2015
Infectious Disease Fellows Grant Program, American Society of Microbiology	2014
Delta Omega Honorary Society in Public Health, Alpha Tau Chapter	2014
Student Travel Grant for APHA, U T School of Public Health	2012
Student and Postdoctoral Fellow Travel Grant, ICAAC	2011
Outstanding New Student Scholarship, The University of Texas at Houston	2009
3rd Place, National Public Health Week Poster Contest, Texas A&M Health Science Center	2007
Excellence in Research, Texas A&M Health Science Center	2007

Distinction (Ophthalmology), Maharashtra University Health Science Center, India 2003

Ratan Tata Medical Student Scholarship, Mumbai, India 2002

J. R. D. Tata Medical Student Scholarship, Mumbai, India 2001

Distinction (Biochemistry), Maharashtra University Health Science Center, India 2000

PUBLICATIONS

1. Galloway-Peña JR, Peterson CB, Malik F, Sahasrabhojane PV, **Shah DP**, Brumlow CE, Carlin LG, Chemaly RF, Im JS, Rondon G, Felix E, Veillon L, Lorenzi PL, Alousi AM, Jenq RR, Kontoyiannis DP, Shpall EJ, Shelburne SA, Okhuysen PC. Fecal Microbiome, Metabolites, and Stem Cell Transplant Outcomes: A Single-Center Pilot Study. *Open Forum Infect Dis* 6(5):ofz173, 2019
2. Wang CP, Kuhn J, **Shah DP**, Schmidt S, Lam YF, MacCarthy D, Tenner L, Ramirez AG. Metformin modifies disparity in hepatocellular carcinoma incidence in men with type 2 diabetes but without chronic liver diseases. *Cancer Med*, 2019 [Epub ahead of print]
3. Sheshadri A, Chemaly RF, Alousi AM, Shah PK, Rondon G, Bashoura L, Kmeid J, Azzi J, Blanco DW, Kaous M, Dickey BF, Champlin RE, **Shah DP**. Pulmonary Impairment after Respiratory Viral Infections Is Associated with High Mortality in Allogeneic Hematopoietic Cell Transplant Recipients. *Biol Blood Marrow Transplant* 25(4): 800-809, 2019
4. Ye X, Iwuchukwu OP, Avadhanula V, Aideyan LO, McBride TJ, Ferlic-Stark LL, Patel KD, Piedra FA, **Shah DP**, Chemaly RF, Piedra PA. Antigenic Site-Specific Competitive Antibody Responses to the Fusion Protein of Respiratory Syncytial Virus Were Associated with Viral Clearance in Hematopoietic Cell Transplantation Adults. *Front Immunol* 10:706, 2019
5. Besasie BD, **Shah DP**, Leach RJ, Liss MA. Comparison of in Clinic-Based Fecal Microbiome Collection Techniques for Increase in Study Participation and Utilization of Microbiome Analysis. *Open J Urol* 9(3):51-61, 2019
6. Bedolla RG, **Shah DP**, Huang SB, Reddick RL, Ghosh R, Kumar AP. Receptor tyrosine kinase recepteur d'origine nantais as predictive marker for aggressive prostate cancer in African Americans. *Mol Carcinog*, 2019 [Epub ahead of print]
7. El Haddad L, Ariza-Heredia E, Shah DP, Jiang Y, Blanchard T, Ghantaji SS, El Chaer F, El-Haddad D, Prayag A, Neshet L, Rezvani K, Shpall E, Chemaly RF. The Ability of a Cytomegalovirus ELISPOT Assay to Predict Outcome of Low-Level CMV Reactivation in Hematopoietic Cell Transplant Recipients. *J Infect Dis* 23;219(6):898-907, 2019

8. Vakil E, Sheshadri A, Faiz SA, **Shah DP**, Zhu Y, Li L, Kmeid J, Azzi J, Balagani A, Bashoura L, Ariza-Heredia E, Chemaly RF. Risk factors for mortality after respiratory syncytial virus lower respiratory tract infection in adults with hematologic malignancies. *Transpl Infect Dis* 20(6):e12994, 2018
9. Azzi JM, Kyvernitakis A, **Shah DP**, El Haddad L, Mahajan SN, Ghantaji SS, Heredia-Ariza E, Chemaly RF. Leukopenia and lack of ribavirin predict poor outcomes in patients with haematological malignancies and respiratory syncytial virus infection. *J Antimicrob Chemother* 73(11):3162-3169, 2018
10. Liss MA, White JR, Goros M, Gelfond J, Leach R, Johnson-Pais T, Lai Z, Rourke E, Basler J, Ankerst D, **Shah DP**. Metabolic Biosynthesis Pathways Identified from Fecal Microbiome Associated with Prostate Cancer. *Eur Urol* 74(5):575-582, 2018
11. Sheshadri A, **Shah DP**, Godoy M, Erasmus JJ, Song J, Li L, Evans SE, Chemaly RF, Dickey BF, Ost DE. Progression of the Radiologic Severity Index predicts mortality in patients with parainfluenza virus-associated lower respiratory infections. *PLoS One* 13(5):e0197418, 2018
12. Ye X, Iwuchukwu OP, Avadhanula V, Aideyan LO, McBride TJ, Ferlic-Stark LL, Patel KD, Piedra FA, **Shah DP**, Chemaly RF, Piedra PA. Comparison of Palivizumab like antibody binding to different conformations of the RSV F protein in RSV infected adult hematopoietic cell transplant recipients. *J Infect Dis* 217(8):1247-1256, 2018
13. Vilar-Compte D, **Shah DP**, Vanichanan J, Cornejo-Juarez P, Garcia-Horton A, Volkow P, Chemaly RF. Influenza in patients with hematological malignancies: Experience at two comprehensive cancer centers. *J Med Virol* 90(1):50-60, 2018
* **co-first authors**
14. **Shah DP**, Grimes C, Lai D, Hwang LY. Hepatitis C incidence and spontaneous viral clearance in a cohort of human immunodeficiency virus and hepatitis B virus negative drug users. *Annals of Infectious Disease and Epidemiology* 2(2):1014, 2017
15. El Chaer F, **Shah DP**, Chemaly RF. How I treat resistant cytomegalovirus infection in hematopoietic cell transplantation recipients. *Blood* 128(23):2624-2636, 2016
16. El Chaer F, **Shah DP**, Kmeid J, Ariza-Heredia E, Hosing CM, Mulanovich V, Chemaly RF. Burden of human metapneumovirus infections in patients with cancer: Risk factors and outcomes. *Cancer* 28;379(1):100-106, 2016
17. El Chaer F, Mori N, **Shah DP**, Oliver N, Wang E, Jan A, Doan V, Tverdek F, Tayar J, Ariza-Heredia E, Chemaly RF. Adjuvant and salvage therapy with leflunomide for recalcitrant cytomegalovirus infections in hematopoietic cell transplantation recipients: A case series. *Antiviral Res* 135:91-96, 2016
18. El-Haddad D, El Chaer F, Vanichanan J, **Shah DP**, Ariza-Heredia E, Mulanovich V, Gulbis A, Shpall EJ, Chemaly RF. Brincidofovir (CMX-001) for refractory and

- resistant CMV and HSV infections in immunocompromised cancer patients: A single-center experience. *Antiviral Res* 134:58-62, 2016
19. **Shah DP**, Shah PK, Azzi JM, El Chaer F, Chemaly RF. Human metapneumovirus infections in hematopoietic cell transplant recipients and hematologic malignancy patients: A systematic review. *Cancer Letters* 28;379(1):100-106, 2016
 20. Langman L, Neshler L, **Shah DP**, Azzi J, Shpall EJ, Rezvani K, Black JL, Chemaly RF. Challenges in determining genotypes for pharmacogenetics in allogeneic hematopoietic cell transplant recipients. *J Mol Diagn* 18(5):638-642, 2016
 21. Frenzel E, Chemaly RF, Ariza EH, Jiang Y, **Shah DP**, Thomas E, Graviss L, Raad I. The association of increased influenza vaccination in healthcare workers with a reduction in nosocomial influenza infections in cancer patients. *Am J Infect Control* 44(9):1016-1021, 2016
 22. Neshler L*, **Shah DP***, Ariza-Heredia EJ, Azzi JM, Siddiqui HK, Ghantaji SS, Marsh LY, Michailidis L, Makedonas G, Rezvani K, Shpall EJ, Chemaly RF. Utility of the enzyme-linked immunospot interferon- γ -release assay to predict the risk of cytomegalovirus infection in hematopoietic cell transplant recipients. *J Infect Dis* 213(11):1701-1707, 2016
* co-first authors
 23. **Shah DP**, Shah PK, Azzi JM, Chemaly RF. Parainfluenza virus infections in hematopoietic cell transplant recipients and hematologic malignancy patients: A systematic review. *Cancer Lett* 370(2):358-364, 2015
 24. Kmeid J, Vanichanan J, **Shah DP**, El Chaer F, Azzi J, Ariza Heredia E, Hosing C, Mulanovich V, Chemaly RF. Outcomes of influenza infections in hematopoietic cell transplant recipients: Application of an Immunodeficiency Scoring Index. *Biol Blood Marrow Transplant* 22(3):542-548, 2015
 25. Ariza-Heredia EJ, Azzi J, **Shah DP**, Neshler L, Ghantaji S, Maichailidis L, Marsh L, Chemaly RF. Influenza vaccination in patients with cancer: factors associated with vaccination practices for patients and their household members. *Infect Control Hosp Epidemiol* 36(10):1239-1241, 2015
 26. **Shah DP**, Grimes CZ, Nguyen AT, Hwang LY. Long-term effectiveness of accelerated hepatitis B vaccination schedule in drug users. *Am J Public Health* 105(6):e36-43, 2014
 27. Chemaly RF, **Shah DP**, Boeckh M. Management of respiratory viral infections in hematopoietic cell transplant recipients and patients with hematologic malignancies. *Clin Infect Dis* 59(5):S344-S351, 2014
 28. Chemaly RF, Dantes R, **Shah DP**, Shah PK, Pascoe N, Ariza-Heredia E, Perego C, Nguyen DB, Nguyen K, Modarai F, Moulton-Meissner H, Noble-Wang J, Tarrand J, LiPuma J, Guh A, MacCannell T, Raad I, Mulanovich V. Cluster and sporadic cases of *Herbaspirillum* species infections in patients with cancer. *Clin Infect Dis* 60(1):48-54, 2014

29. Avadhanula V, Chemaly RF, **Shah DP**, Ghantoji SS, Azzi JM, Aideyan L, Mei M, Piedra PA. Infection with novel respiratory syncytial virus genotype Ontario (ON1) in adult hematopoietic cell transplant recipients, Texas, 2011-2013. *J Infect Dis* 211(4):582-589, 2014
30. Wu Q, Xue XF, **Shah DP**, Zhao J, Hwang LY, Zhuang G. Knowledge, attitude, and practices regarding occupational HIV exposure and protection among health care workers in China: census survey in a rural area. *J Int Assoc Provid AIDS Care* 15(5):383-389, 2014
31. Neshler L, Chemaly RF, **Shah DP**, Mulanovich V, Hosing C, Rolston K. The utility of routine surveillance blood cultures in asymptomatic allogeneic hematopoietic stem cell transplant recipients with indwelling central venous catheters at a comprehensive cancer center. *Am J Infect Control* 42(10):1084-1088, 2014
32. Neshler L, Rolston K, **Shah DP**, Tarrand J, Mulanovich V, Ariza-Heredia E, Chemaly RF. Fecal colonization and infection with *Pseudomonas aeruginosa* in recipients of allogeneic hematopoietic stem cell transplantation. *Transpl Infect Dis*, 17(1):33-38, 2014
33. Ariza-Heredia EJ, Gulbis A, Kebriae P, Stolar K, **Shah DP**, McConn K, Mulanovich V, Viola G, Chemaly RF. Vaccination guidelines after hematopoietic stem cell transplantation: Practitioners' knowledge, attitudes and gap between guidelines and clinical practice. *Transpl Infect Dis* 16(6):878-886, 2014
34. **Shah DP**, Ghantoji SS, Ariza E, Shah JN, El Taoum K, Shah PK, Neshler L, Hosing CM, Rondon GB, Champlin R, Chemaly RF. An Immunodeficiency Scoring Index to predict poor outcomes in hematopoietic cell transplant recipients with respiratory syncytial virus infections. *Blood* 123(21):3263-3268, 2014
35. Kamath GK, **Shah DP**, Hwang LY. Immune response to hepatitis B vaccination in drug using population: a systematic review and meta-regression analysis. *Vaccine* 32(20):2265-2274, 2014
36. Chemaly RF, Ghantoji SS, **Shah DP**, Shah JN, El Taoum KK, Champlin RE, Nunez CA, Mulanovich V, Ariza Heredia E. Respiratory syncytial virus infections in children with cancer. *J Pediatr Hematol Oncol* 36(6):e376-381, 2013
37. **Shah DP**, Ghantoji SS, Shah JN, El Taoum KK, Jiang Y, Popat U, Hosing C, Rondon G, Tarrand JJ, Champlin RE, Chemaly RF. Impact of aerosolized ribavirin on mortality in 280 allogeneic hematopoietic stem cell transplant recipients with respiratory syncytial virus infections. *J Antimicrob Chemother* 68(8):1872-1880, 2013
38. Grimes CZ, Hwang LY, Wei P, **Shah DP**, Volcik KA, Brown EL. Differentially regulated gene expression associated with hepatitis C virus clearance. *J Gen Virol* 94(3):534-542, 2013

39. **Shah DP**, Ghantoji SS, Mulanovich VE, Ariza-Heredia EJ, Chemaly RF. Management of respiratory viral infections in hematopoietic cell transplant recipients. *Am J Blood Res* 2(4):203-218, 2012
40. Chemaly RF, Torres HA, Munsell MF, **Shah DP**, Rathod DB, Bodey GP, Hosing C, Saifan C, Raad II, Champlin RE. An adaptive randomized trial of intermittent dosing schedule of aerosolized ribavirin in cancer patients with respiratory syncytial virus infection. *J Infect Dis* 206(9):1367-1371, 2012
41. Wu Q, Zhuang GH, Wang XL, Hou TJ, **Shah DP**, Wei XL, Wang LR, Zhang M. Comparison of long-term immunogenicity (23 years) of 10 and 20 μ g dose of hepatitis B vaccine in healthy children. *Hum Vaccin Immunother* 8(8):1071-1076, 2012
42. **Shah DP**, El Taoum KK, Shah JN, Vigil KJ, Adachi JA, Granwehr BP, Tarrand JJ, Raad II, Chemaly RF. Characteristics and outcomes of pandemic 2009/H1N1 versus seasonal influenza in children with cancer. *Pediatr Infect Dis J* 31(4):373-378, 2012
43. **Shah DP**, Grimes CZ, Brown EL, Hwang LY. Demographics, socio-behavioral factors, drug use patterns: What matters in spontaneous HCV clearance? *J Med Virol* 84(2):235-241, 2012
44. **Shah DJ**, Shipp EM, Cooper SP, Huber JC, del Junco DJ, Rene AA, Moore JS. Hand problems in migrant farmworkers. *J Agric Saf Health* 15(2):157-169, 2009

ORAL PRESENTATIONS

1. **Shah DP**, Ghantoji S, Azzi JM, Avadhanula V, Kmeid J, El Chaer F, Ariza E, Shah N, Mulanovich V, Hosing CM, Piedra P, Chemaly RF. An Open Label, Block-Randomized, Ribavirin Efficacy Trial for Management of RSV infections in hematopoietic cell transplant recipients: Clinical and economic implications. American Society for Bone Marrow Transplant Tandem Meeting, Honolulu, HI, 2016
2. Ghantoji S, **Shah DP**, Lairson DR, El Haddad L, Kmeid J, Park AK, Chemaly RF. The economic and clinical burden of respiratory viral infections in hematopoietic cell transplant recipients: A cost comparison study across 19 major cancer centers in the U.S. American Society for Bone Marrow Transplant Tandem Meeting, Honolulu, HI, 2016
3. **Shah DP**, Neshier L, Ariza E, Azzi JM, Siddiqui H, Ghantoji S, Marsh L, El Chaer F, Makedonas G, Rezvani K, Shpall EJ, Chemaly RF. Dynamics of CMV-specific T cell recovery in allogeneic hematopoietic cell transplant recipients: Implications for clinical outcomes. ICAAC, 55th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 2015

4. **Shah DP**, Ghantoji S, Azzi JM, Avadhanula V, El Chaer F, Ariza E, Mulanovich V, Piedra P, Chemaly RF. Cost-effectiveness of the Immunodeficiency Scoring Index and Oral Ribavirin in the management of RSV infections in hematopoietic cell transplant recipients. ICAAC, 55th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 2015
5. Ghantoji S, **Shah DP**, Park AK, Lairson DR, Chemaly RF. Economic and clinical burden of respiratory viral infections in hematopoietic cell transplant (HCT) recipients: A cost comparison study across 9 major cancer centers in the U.S. ICAAC, 55th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 2015
6. **Shah DP**, Avadhanula V, Piedra P, Ghantoji S, Azzi JM, Ariza E, Neshler L, Marsh L, Delano E, Chemaly RF. Viral genomic load kinetics in hematopoietic cell transplant recipients with RSV infections. ICAAC, 54th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, 2014
7. 3 **Shah DP**, Neshler L, Azzi JM, Ghantoji S, Jiang Y, Chemaly RF. An Immunodeficiency Scoring Index (ISI) to predict outcomes in autologous hematopoietic cell transplant recipients with respiratory syncytial virus Infections. ICAAC, 54th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, 2014
8. Michailidis L, Ghantoji S, Goddu S, Neshler L, **Shah DP**, Azzi JM, Sreenivasula S, Oran B, Rezvani K, Rondon G, Shpall EJ, Chemaly RF. Cytomegalovirus infections in 207 cord blood transplant recipients. ICAAC, 54th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, 2014
9. Azzi JM, Bashoura L, **Shah DP**, Alousi A, Ghantoji S, Neshler L, Rondon G, Ariza E, Chemaly RF. The long term impact of respiratory viral infections on pulmonary function in allogeneic hematopoietic cell transplant recipients. ICAAC, 54th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, 2014
10. Avadhanula V, Chemaly RF, **Shah DP**, Ghantoji S, Azzi JM, Aideyan L, Mei M, Piedra PA. Infection with novel respiratory syncytial virus genotype Ontario (ON1) in adult hematopoietic cell transplant recipients, Texas, 2011-2013. ICAAC, 54th

Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, 2014

11. Ariza-Heredia EJ, Gulbis A, Kebriae P, Stolar K, **Shah DP**, McConn K, Mulanovich V, Viola G, Chemaly RF. Compliance with post-haematopoietic stem cell transplantation vaccination consensus guidelines. The 24th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Barcelona, Spain, 2014
12. **Shah DP**, Alousi A, Bashoura L, Ghantaji S, Rondon G, Mulanovich E, Ariza Heredia E, Chemaly RF. Validating an Immunodeficiency Scoring Index (ISI) to Predict Pneumonia and Mortality in Allogeneic Hematopoietic Stem Cell Transplant (allo-HCT) recipients with RSV, Influenza, and Parainfluenza Virus Infections. ICAAC, 53rd Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Denver, CO, 2013
13. Mahajan S, Ghantaji S, **Shah DP**, Mulanovic M, Ariza Heredia A, Chemaly RF. Impact of RSV infection in patients with lymphoma or multiple myeloma (mm): a single center study. 52nd Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, 2012
14. **Shah DP**, Grimes CZ, Nguyen AT, Hwang LY. Prevention of hepatitis B infection in drug users: effectiveness of accelerated v/s standard hbv vaccination schedule, American Public Health Association, San Francisco, CA, 2012
15. Ghantaji SS, **Shah DP**, Jiang Y, Shah JN, El Taoum KK, Sorrentino MD, Popat U, Hosing CM, Rondon G, Champlin RE, Chemaly RF. Characteristics and outcomes of respiratory syncytial virus infections in 92 autologous hematopoietic stem cell transplant recipients. 51st Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 2011

POSTER PRESENTATIONS

1. Geyer H, Scherber R, Mazza G, Kosiorek H, Langlais B, Dueck A, Huberty J, Padrnos L, Diaz E, Palmer J, Jain T, Gowin K, Patel D, Fleischman A, Larkey L, **Shah D**, Weitzman T, Mesa R. The Safety of Chronic Opioid Therapy in Patients with Myeloproliferative Neoplasms: An International Survey of 502 Patients by the MPN Quality of Life Study Group; Mays Cancer Center Research Symposium; San Antonio Texas; 2019

2. Geyer H, Scherber R, Mazza G, Kosiorek H, Langlais B, Dueck A, Huberty J, Padrnos L, Diaz E, Palmer J, Jain T, Gowin K, Patel D, Fleischman A, Larkey L, **Shah D**, Weitzman T, Mesa R. Addressing the Adequacy of Current MPN Pain Management Strategies: An International Survey of 502 Patients by the MPN Quality of Life Study Group; Mays Cancer Center Research Symposium; San Antonio Texas; 2019
3. Mathews A*, Molina E, Perez C, Munoz E, Ramirez A, **Shah D**. Racial disparities in Survival Following Liver Cancer Across Texas using Texas Cancer Registry (2010-2015); University of Texas at San Antonio Undergraduate Research & Creative Inquiry Showcase; San Antonio Texas; 2019
**Outstanding Research/Creative Inquiry Award*
4. Liss M, **Shah D**, Leach R, Rourke E, Basler J, White J. Intestinal Microbiome Analysis Identifies Bacteria and Biosynthesis Pathways Associated with Prostate Cancer. Journal of Urology 4S;MP82-16, 2018
5. Liss M, **Shah D**, Rourke E, Basler J, White J. Intestinal Microbiome Shows Altered Diversity and Enterobacteriaceae Overgrowth in Carriers of Fluoroquinolone Resistant E. coli, Journal of Urology 4S;MP15-12, 2018
6. Hedge S, Kintada J, Pena M, Rouhani S, Seifi A, Kumar P, **Shah D**. Disparities in surgical resection for pancreatic cancer stratified by insurance coverage Journal of Clinical Oncology, 36(4):451, 2018
7. Artau A, Aitken SL, El Chaer F, Prayag A, El Haddad L, Mulanovich VE, **Shah DP**, Ariza-Heredia EJ, Chemaly RF. Outcomes of Resistant or Refractory CMV Infection in Recipients of Allogeneic Hematopoietic Cell Transplant, Biology of Blood and Marrow Transplantation, 24(3):S385-S386, 2018
8. Perez C, Shah P, Mathews A, Munoz E, Bokov A, Michalek J, Ramirez A, Rodriguez R, **Shah D**. Racial disparities in Kidney Cancer Incidence and Outcomes Across South Texas, Texas, and United States using TCR, SEER and NPCR registries (2004-2014); Mays Cancer Center Research Symposium; San Antonio Texas; 2018
**Outstanding Pre-doctoral Poster Award*
9. Mathews A, Molina E, Perez C, Munoz E, Ramirez A, **Shah D**. Racial disparities in Survival Following Liver Cancer Across Texas using Texas Cancer Registry (2010-2015); Mays Cancer Center Research Symposium; San Antonio Texas; 2018
10. Pena M, Kintada JR, Hedge S, Rouhani S, Munoz E, Michalek J, Seifi A, Ramirez A, Kumar PA, **Shah D**. Racial disparities in comorbidities, income levels, and surgical procedures observed in Hispanic patients with pancreatic cancer compared to non-Hispanic patients results from the national inpatient sample database; American Association for Cancer Research Annual Meeting; Chicago, IL; 2018

11. Espinoza-Gutarra MR, Munoz E, **Shah DP**, Karnad A, Mesa RA, Ramirez AG. Adult Hispanic males experience a higher incidence of acute lymphoblastic leukemia compared to non-Hispanic Whites, American Association for Cancer Research Annual Meeting; Chicago, IL; 2018
12. Galloway-Pena JR, **Shah DP**, Sahasrabohjane P, Brumlow CE, Carlin LG, Peterson CB, Alousi A, Shpall EJ, Chemaly RF, Kontoyiannis DP, Shelburne S, Okhuysen PC. Longitudinal Fecal Microbiome and Metabolite Analyses identifies Potential Biomarkers for Prediction of Graft vs. Host Disease in Hematopoietic Stem Cell Transplant Recipients. American Society for Microbiology, Microbe, New Orleans, Louisiana, 2017
13. Ariza-Heredia E, **Shah DP**, Winston D, Rowley S, Mullane K, Chandrasekar P, Avery R, Parmeswaran H, Peggs K, Kumar, Nath R, Ljungman P, Mossad S, Dadwal S, Cruikshank W, Chemaly RF. A Prospective Observational Study to Evaluate a Cytomegalovirus (CMV)-Specific Enzyme-Linked Immunospot (Elispot) Assay in Allogeneic Hematopoietic Cell Transplant (Allo-HCT) Recipients: The REACT Study. American Society for Bone Marrow Transplant Tandem Meeting, Orlando, FL, 2017
14. Ariza-Heredia E, **Shah DP**, Winston D, Rowley S, Mullane K, Chandrasekar P, Avery R, Parmeswaran H, Peggs K, Kumar, Nath R, Ljungman P, Mossad S, Dadwal S, Cruikshank W, Chemaly RF. The Impact of Pre- and Week 4 Post-Transplant CMV-Specific Elispot Assay on CMV Reactivation and Survival in CMV-Seropositive Allogeneic Hematopoietic Cell Transplant (Allo-HCT) Recipients. American Society for Bone Marrow Transplant Tandem Meeting, Orlando, FL, 2017
15. El Chaer F, Prayag A, El Haddad L, Mulanovich V, **Shah DP**, Ariza-Heredia E, Chemaly RF. Drug-Resistant Cytomegalovirus Infections in Hematopoietic Cell Transplant Recipients: A Single Center Retrospective Study. American Society for Bone Marrow Transplant Tandem Meeting, Orlando, FL, 2017
16. Foolad F, Prayag A, Ghantaji S, Ariza-Heredia E, **Shah DP**, Chemaly RF. Use of Oral Ribavirin for the Treatment of RSV Infections in Hematopoietic Cell Transplant (HCT) Recipients. American Society for Bone Marrow Transplant Tandem Meeting, Orlando, FL, 2017
17. Ariza-Heredia E, **Shah DP**, El Chaer F, El Haddad L, El-Haddad D, Prayag A, Neshet L, Rezvani K, Shpall EJ, Chemaly RF. The ability of CMV-Specific Elispot assay to predict outcome of low-level cmv reactivation in hematopoietic cell transplant recipients. American Society for Bone Marrow Transplant Tandem Meeting, Orlando, FL, 2017
18. Vakil E, Faiz S, **Shah DP**, El Chaer F, Bashoura L, Ariza-Heredia E, Chemaly RF. Evaluation of bronchoscopy and radiographic imaging in respiratory syncytial virus

infection in hematologic malignancy and hematopoietic stem cell transplant patients, Am Thoracic Society, San Francisco, CA, 2016

19. **Shah DP**, Ajami N, Ghantaji S, Shelburne S, El-Haddad D, Shah PK, Piedra P, Shpall EJ, Kontoyiannis D, Chemaly RF. Nasal microbiota changes are associated with progression to LRI following respiratory syncytial virus URI in hematopoietic cell transplant recipients. ID week. New Orleans, Louisiana, 2016.
20. Ariza-Heredia E, **Shah DP**, El Chaer F, Mullane K, Rowley S, Chandrasekar P, Winston D, Parameswaram H, Gillis H, Nath R, Kumar D, Mossad S, Ljungman P, Chemaly RF. A prospective observational study to evaluate a cytomegalovirus (CMV)-specific T-SPOT® assay in hematopoietic stem cell transplant recipients: The REACT Study Interim Data Review. ID week. New Orleans, Louisiana, 2016.
21. **Shah DP**, Ariza-Heredia E, El Chaer F, El Haddad L, El-Haddad D, Prayag A, Neshier L, Rezvani K, Shpall EJ, Chemaly RF. The ability of CMV-specific ELISPOT assay to predict outcome of low level CMV reactivation in hematopoietic cell transplant recipients. ID week. New Orleans, Louisiana, 2016.
22. Taremi M, **Shah DP**, El-Haddad D, El Chaer F, El Haddad L, Prayag A, Rondon G, Hosing C, Ariza-Heredia E, Chemaly RF. Rhinovirus infections (RhVI) in 233 hematopoietic cell transplant (HCT) recipients: A single center experience. ID week. New Orleans, Louisiana, 2016.
23. Taremi M, **Shah DP**, El Haddad D, El Chaer F, El Haddad L, Chemaly RF. Clinical impact of rhinovirus infection early after hematopoietic stem cell transplantation. 42nd Annual Meeting of the European Society for Blood and Marrow Transplantation, Valencia, Spain, 2016
24. El Chaer F, **Shah DP**, Kmeid, J, Ariza-Heredia E, Hosing CM, Chemaly RF. Human metapneumovirus infections in 83 hematopoietic cell transplant recipients. American Society for Bone Marrow Transplant Tandem Meeting, Honolulu, HI, 2016
25. Kmeid, J, **Shah DP**, El Chaer F, Ariza-Heredia E, Graviss E, Mulanovich V, Chemaly RF. The utility of interferon-gamma release assays (IGRAs) for the diagnosis of *Mycobacterium tuberculosis* in hematopoietic cell transplant recipients. American Society for Bone Marrow Transplant Tandem Meeting, Honolulu, HI, 2016
26. Ghantaji S, Shah DP, El Haddad L, Kmeid J, Park AK, Chemaly RF. The economic and clinical burden of cytomegalovirus infections in hematopoietic cell transplant recipients: A cost comparison study across 9 major cancer centers in the U.S. American Society for Bone Marrow Transplant Tandem Meeting, Honolulu, HI, 2016
27. Kmeid, J, **Shah DP**, El Chaer F, Ariza-Heredia E, Graviss E, Mulanovich V, Chemaly RF. The utility of interferon-gamma release assays (IGRAs) for the diagnosis of *Mycobacterium Tuberculosis* (Mtb) in cancer patients. The 2015 ID Week, San Diego, California, 2015

28. El Chaer F, **Shah DP**, Kmeid, J, Ariza-Heredia E, Hosing CM, Chemaly RF. Human metapneumovirus (hMPV) infections in 135 cancer patients. The 2015 ID Week, San Diego, California, 2015
29. Kmeid, J, Vanichanan J, **Shah DP**, El Chaer F, Azzi J, Ariza-Heredia E, Mulanovich V, Chemaly RF. Clinical outcomes following influenza including 2014/H3N2 infection in hematopoietic cell transplant (HCT) recipients. The 2015 ID Week, San Diego, California, 2015
30. Azzi JM, Ariza-Heredia E, **Shah DP**, Neshler L, Ghantaji S, Michailidis L, Marsh L, and Chemaly RF. The impact of influenza vaccination in patients with cancer on subsequent disease during the 2013-2014 influenza season. The 2014 ID Week, Philadelphia, Pennsylvania, 2014
31. Neshler L, Ariza-Heredia E, **Shah DP**, Azzi JM, Ghantaji S, Michailidis L, Rezvani K, Shpall EJ, Chemaly RF. The impact of IL28B polymorphism in allogeneic hematopoietic cell transplant recipients on interferon (IFN- γ) production and CMV reactivation. ICAAC, 54th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Poster, Washington, DC, 2014
32. Neshler L, Ariza-Heredia E, **Shah DP**, Azzi JM, Ghantaji S, Michailidis L, Rezvani K, Shpall EJ, Chemaly RF. Immune monitoring with the T-SPOT®.CMV assay of allogeneic hematopoietic cell transplant recipients: A proof of concept in the clinical setting. ICAAC, 54th Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Poster, Washington, DC, 2014
33. Mori N, Vanichanan J, **Shah DP**, Tverdek F, Tayar J, Ariza-Heredia E, Mulanovich V, Chemaly RF. Use of Leflunomide in the treatment of recalcitrant CMV infection in immunocompromised patients. American Society for Bone Marrow Transplant Tandem Meeting, Grapevine, TX, 2014
34. Zakhem A, **Shah DP**, Mori N, Neshler E, Ariza E, Mulanovich V, Kebriaei P, Hosing C, Rondon G, Chemaly R. The clinical significance of human herpes virus 6 (HHV-6) Dnaemia in 68 hematopoietic cell transplant recipients. American Society for Bone Marrow Transplant Tandem Meeting, Grapevine, TX, 2014
35. Ghantaji S, Goddu S, Sreenivasula S, **Shah DP**, Oran B, Rezvani K, Rondon G, Shpall E, Chemaly R. Characteristics and outcome of cytomegalovirus (CMV) infections in 95 cord blood transplant recipients: The MD Anderson experience. American Society for Bone Marrow Transplant Tandem Meeting, Grapevine, TX, 2014

36. Vanichanan J, **Shah DP**, Neshler L, Ariza-Heredia E, Chemaly R. Characteristics and outcomes of influenza infection in hematologic malignancy patients and hematopoietic stem cell transplant recipients. American Society for Bone Marrow Transplant Tandem Meeting, Grapevine, TX, 2014
37. Ghantaji S, Stibich M, Stachowiak J, **Shah DP**, Simmons S, Tanner B, Perego C, Cantu S, Chemaly RF. Routine incorporation of pulsed xenon UV (PX-UV) after standard cleaning of rooms previously occupied by patients with *C. difficile* or vancomycin resistant enterococci (VRE) infections or colonizations. Poster Presentation at the 3rd Infections in Cancer Symposium, MDACC, 2013
38. Vanichanan J, Vilar-Compte D, **Shah DP**, Volkow P, Cornejo-Juarez P, Perez-Jimenez C, Saad M, Mulanovich V, Ariza-Heredia E, Chemaly R. A multicenter study of Pandemic H1N1 influenza (pH1N1) infections in patients with hematologic malignancies and hematopoietic cell transplant recipients from 3 countries. Third Infections in Cancer Symposium, Houston, TX, 2013
39. **Shah DP**, Alousi A, Bashoura L, Shah PK, Mahajan S, Mulanovic M, Ariza Heredia A, Chemaly RF. Bronchiolitis obliterans following respiratory viral infections in hematopoietic cell transplant recipients. Third Infections in Cancer Symposium, Houston, TX, 2013
40. **Shah DP**, Alousi A, Bashoura L, Ghantaji S, Rondon G, Mulanovich V, Ariza Heredia E, Chemaly R. Validating an immunodeficiency scoring index (ISI) to predict pneumonia and mortality in allogeneic stem cell transplant recipients with RSV, influenza, and parainfluenza virus infections. Third Infections in Cancer Symposium, Houston, TX, 2013
41. Vanichanan J, Nieto Y, **Shah DP**, Mulanovich V, Ariza-Heredia E, Roldon G, Chemaly R. Central nervous system complications after hematopoietic stem cell transplantation. The 2013 ID Week, San Francisco, California, 2013
42. Vanichanan J, Vilar-Compte D, **Shah DP**, Volkow P, Cornejo-Juarez P, Perez-Jimenez C, Saad M, Mulanovich VE, Ariza-Heredia E, Chemaly RF. A multicenter study of pandemic H1N1 influenza infections in patients with hematologic malignancies and hematopoietic cell transplant recipients from 3 countries. The 2013 ID Week, San Francisco, California, 2013
43. Neshler L, **Shah DP**, Ariza-Heredia D, Rolston K, Chemaly R. Does fecal colonization with *Pseudomonas aeruginosa* (*Ps. aeru*) predict infection in recipients of allogeneic hematopoietic stem cell transplantation (allo-HSCT)? The 2013 ID Week, San Francisco, California, 2013

44. **Shah DP**, Ghantoji SS, Shah JN, El Taoum KK, Hosing CM, Rondon G, Popat U, Sorrentino MD, Champlin RE, Chemaly RF. Immunodeficiency scoring system (ISS) for predicting RSV-associated morbidity and mortality in allogeneic hematopoietic stem-cell transplant (allo-HSCT) recipients. Division of Internal Medicine Research Retreat, The University of Texas MD Anderson Cancer Center, Houston, TX, 2012
45. **Shah DP**, Grimes CZ, Pei W, Volcik K, Brown EL, Hwang LY. Host factors associated with spontaneous hepatitis C viral clearance: demographics, socio-behavioral factors, drug use patterns and genetics. Virology and Gene Therapy Mini-Symposium, Graduate School of Biomedical Sciences and The University of Texas MD Anderson Cancer Center, Houston, TX, 2012
46. Mulanovich V, **Shah DP**, Shah PK, Nguyen K, Perego C, Heredia E, Chemaly R. *Herbaspirillum* spp.: clinical characteristics of an emerging pathogen in cancer patients. Poster presentation at ID Week 2012 San Diego, CA, 2012.
47. **Shah DP**, Ghantoji SS, Shah JN, El Taoum KK, Hosing CM, Rondon G, Popat U, Sorrentino MD, Champlin RE, Chemaly RF. Immunodeficiency scoring system for predicting RSV-associated morbidity and mortality in allogeneic hematopoietic stem-cell transplant recipients. 51st Annual Meeting of the American Society for Microbiology, Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 2011
48. **Shah DP**, Dischinger C, Hwang LY. Mapping HIV infections in drug using population. Annual GIS Day, Geographic Data Committee, ESRI, Houston, TX, 2010
49. **Shah DP**, Dischinger C, Hwang LY. Mapping hepatitis C infections in drug using population. Annual GIS Day, Geographic Data Committee, ESRI, Houston, TX, 2010
50. **Shah DP**, Dischinger C, Hwang LY. Mapping acute hepatitis B infections in drug using population. Annual GIS Day, Geographic Data Committee, ESRI, Houston, TX, 2010
51. **Shah DP**, Dischinger C, Hwang LY. GIS: A tool for targeting drug using population in Houston metropolitan area. Annual GIS Day, Geographic Data Committee, ESRI, Houston, TX, 2010
52. **Shah DJ**, Shipp EM, Cooper SP, Huber JC, del Junco DJ, Rene AA, Moore JS. Hand problems in migrant farmworkers. National Public Health Week Poster Contest, School of Rural Public Health, Texas A&M University, College Station, TX, 2008

LETTER TO EDITOR

1. **Shah DP**, Munsell MF, Chemaly RF. Comparing Dosing Schedules of Aerosolized Ribavirin for preventing RSV-LRTI in Cancer Patients. *Journal of Infectious Diseases*, 208(5):864-5, 2013
2. Munsell MF, **Shah DP**, Chemaly RF. Reply to Fätkenheuer et al. *Journal of Infectious Diseases* 207(10):1622-3, 2013

EDITORIAL AND REVIEW ACTIVITIES

JOURNAL REVIEWER

American Journal of Infection Control
American Journal of Public Health
Annals of Internal Medicine
Antiviral Therapy
Biology of Blood and Marrow Transplantation
Bone Marrow Transplantation
Cancer Letters
Clinical Infectious Diseases
Clinical Transplantation
Contemporary Clinical Trials
Human Vaccines & Immunotherapeutics
International Journal of Molecular Epidemiology and Genetics
Infectious Diseases in Obstetrics and Gynecology
Journal of Clinical Oncology
Journal of Infectious Diseases
Pediatrics
Plos One
Transplant Infectious Diseases

PANEL JUDGE / REVIEWER

Judge, Postdoctoral Fellow Poster Session, Mays Cancer Center Research Symposium, 2018
Judge, Poster session, DoIM Research Retreat, MDACC, 2016
Session Chair, ICAAC – Respiratory Viruses, 2015
Session Chair, ICAAC – Herpes Viruses, 2015
Reviewer, American Public Health Association, Student Assembly Meeting, 2015
Reviewer, UTMDACC, Annual Postdoctoral Science Symposium, 2015
Panel Judge, Houston Methodist Research Institute, Postdoctoral Platform Talk Competition, 2015
Session Chair, Texas Medical Center Annual Presidential Career Symposium, Government Research Session, 2015

Grant Reviewer, Hackett Foundation, UTMDACC, 2016

Grant Reviewer, INTEREST program, UTMDACC, 2017

SPEAKER

- Research Presentation Introduction to Microbiome and Host-Microbe Interactions in Clinical Research, Microbiome Working Group, UT Health, San Antonio TX, 2019
- Lecturer Patient Oriented Clinical Research Methods II, TSCI 6060: Translational Science Postdoctoral Fellows, Long School of Medicine, UT Health, San Antonio, TX, Spring 2018
- Invited Speaker Liver Transplant Survivorship and Outcomes, Transplant Meeting, University Transplant Center, San Antonio, 2018
- Invited Speaker Post-Transplant Survivorship and Outcomes Research, Department of Molecular Medicine Seminar Series, UT Health San Antonio, 2018
- Invited Speaker Post-Transplant Survivorship and Infectious Disease Outcomes Research, Center for Infectious Diseases Seminar, University of Texas School of Public Health, Houston, TX, 2018
- Invited Speaker Hematopoietic Cell Transplant Survivorship, Stem Cell Research Meeting, Methodist Healthcare System of San Antonio, 2018
- Invited Speaker Infections, Microbiome, and Immunity: Implications for HCT Survivors, Stem Cell Research Meeting, Methodist Healthcare System of San Antonio, TX, 2017
- Invited Speaker Role of Infections, Immunity, and Microbiome in Cancer Survivorship, Annual Board of Governors Meeting, UT Health Cancer Center, San Antonio, TX, 2017
- Invited Speaker Precision Medicine and Precision Public Health: Addressing Health Disparities and Improving Cancer Survivorship, Population Science and Prevention Program Meeting, UT Health Cancer Center, San Antonio, TX, 2017
- Invited Speaker Infections, Immunity, and Microbiome: Implications for Health Outcomes in Immunocompromised Populations, University of Texas School of Public Health, Houston, TX, 2017

- Invited Speaker Infections, Microbiome, and Immunity: Implications for Immunocompromised Hosts, Long School of Medicine and Cancer Therapy and Research Center, San Antonio, TX, 2016
- Invited Speaker Infections, Microbiome, and Immunity: Implications for Immunocompromised Hosts, San Diego State University, 2016
- Invited Speaker Infections, Microbiome, and Immunity: Implications for Immunocompromised Hosts, Temple University College of Public Health, Philadelphia, PA, 2016
- Invited Speaker Institutional Grand Rounds, The University of Texas MD Anderson Cancer Center, 2015
- Presenter Hepatitis B and C infections in drug using population, CITAR seminar, The University of Texas School of Public Health, Houston, TX, 2013
- Tutorial ESRI desktop training for ArcGIS software
The University of Texas School of Public Health, Houston, TX (2010-2011)
- Guest Lecturer Rate comparisons: direct and indirect adjustments, The University of Texas School of Public Health, Houston, TX, 2011
- Guest Lecturer Multilevel mixed effects regression modeling approach, Epidemiology Seminar, The University of Texas School of Public Health, Houston, TX, 2009
- Presenter Shigellosis outbreak in a daycare center
Annual Epidemiologist meeting for TX counties, Houston, TX, 2008
- Guest Lecturer Basic Hygienic Precautions in day-to-day life
Workforce Solutions, Houston, TX, 2008
- Panelist Tuberculosis: Issues in diagnosis and treatment
Division of Disease Control and Clinical Prevention, Harris County Public Health and Environmental Services, Houston, TX, 2008
- Presenter Disaster Preparedness and Triage
Department of Preventive and Social Medicine Seminar, King Edward Memorial Hospital, Mumbai, India, 2002

OTHER TEACHING

Individual Instruction

<u>Date</u>	<u>Mentorship</u>	<u>Status</u>
2019 - Present	Fayedra Daniel <i>Kidney and Liver Cancer</i>	Graduate Student
2019 - Present	Emily Rios <i>Kidney Cancer</i>	Graduate Student
2019 - Present	Juliano Riella <i>Liver Cancer</i>	Surgical Resident
2019 - Present	Monika Ringbloom <i>Kidney Cancer</i>	Research Intern
2018 - Present	Mackenzie Spaniol <i>Respiratory Viral Infections</i>	Graduate Student
2018 - Present	Aaron Mathews <i>Liver Cancer and Respiratory Viral Infections</i>	Student Associate
2018 - Present	Casey Perez <i>Cancer Survivorship</i>	Graduate Student
2017 - Present	Sheetal Hedge <i>Disparities in treatment of pancreatic cancer</i>	Medical Student
2017 - Present	Jaswanth Kintada <i>Disparities in treatment of pancreatic cancer</i>	Medical Student
2017 - Present	Miren Pena <i>Disparities in treatment of pancreatic cancer</i>	Medical Student
2017 - Present	Sammira Rouhani <i>Disparities in treatment of pancreatic cancer</i>	Medical Student

THESIS/DISSERTATION COMMITTEE

Role	Student, Degree	Years	Status
Dissertation Committee Member	Kamath Geetanjali, PhD <i>Determinants of risky behavior to predict vaccine adherence in drug using population (Committee Chair – Lu-Yu Hwang)</i>	2017	Completed
Thesis supervisor	Casey Perez, MS <i>Adherence to cancer surveillance among Kidney Cancer Survivors</i>	2018 - Present	In-Progress
Thesis supervisor	Watkins Kellie, MSPH <i>Correlation of tuberculosis and human immunodeficiency virus in Harris county, Texas from 2009 through 2010 using geographic information systems (Committee Chair – Lu-Yu Hwang)</i>	2012	Completed
Thesis supervisor	Kamath Geetanjali, MPH <i>Immune response to hepatitis B vaccination in drug using populations: A systematic review and meta-regression analysis (manuscript published) (Committee Chair – Lu-Yu Hwang)</i>	2012	Completed

TEACHING

Instructor	PHEB 2610: Introduction to Epidemiology (Summer 2017) PHEB 2610: Introduction to Epidemiology (Fall 2016) PHEB 2610: Introduction to Epidemiology (Summer 2016) PHEB 619, Epidemiology and Control of Infectious Diseases (Spring 2016)
Co-Instructor	PH2730: Epidemiology and Control of Infectious Diseases (Spring 2015) PH 2998: GIS Epidemiology: Theory and Practice (Summer 2011) PH 2998: GIS Epidemiology: Theory and Practice (Summer 2010)
Teaching Assistant	PH 2610: Fundamentals of Epidemiology (2013 Summer 2013) PH 2730: Epidemiology and Control of Infectious Diseases (Spring 2013) PH 2610: Fundamentals of Epidemiology (Spring 2013) PHD 2712: Experimental Methods in Epidemiology (Fall 2002) PH 2610: Fundamentals of Epidemiology (Summer 2012) PH 2730: Epidemiology and Control of Infectious Diseases (Spring 2012) PHD 2712: Experimental Methods in Epidemiology (Fall 2011)

PH 2610: Introduction to Epidemiology (Spring 2011)
PH 2610: Introduction to Epidemiology (Spring 2010)
PH 2998: Public Health Surveillance (Fall 2009)
PHEB 600: Fundamentals of Epidemiology (Fall 2007)
PHEB 600: Fundamentals of Epidemiology (Spring 2007)

PROFESSIONAL MEMBERSHIP

Cancer Alliance of Texas
American Association of Cancer Research
American Public Health Association
American Society for Blood and Marrow Transplantation
American Society for Microbiology

LEADERSHIP

Group Co-Leader, *Microbiome working Group, UT Health San Antonio, TX, 2018 – Present*

Project Leader, *San Antonio Firefighter Cohort for Cancer Epidemiology, Detection, And Prevention, 2018 – Present*

Committee Member, *Commission on Dental Accreditation, UT Health San Antonio, TX, 2018 - present*

Advisory Council, *Texas Cancer Registry, 2017 - present*

Committee Member, *Shared Resources Oversight Committee, Mays Cancer Center, 2017 - Present*

Group Leader, *Department of Epidemiology and Biostatistics Strategic Initiative, 2017 - present*

Member, *Infection and Immune Reconstitution Special Interest Group, Center for International Blood and Marrow Transplant Research, 2015 - 2017*

Faculty Member, *Postdoctoral Advisory Committee, The University of Texas MD Anderson Cancer Center, Houston, TX, 2015 – 2017*

Member, *Division of Internal Medicine Research Committee, The University of Texas MD Anderson Cancer Center, Houston, TX, 2015 - 2017*

Chair, *Presidential Career Symposium Committee, The University of Texas MD Anderson Cancer Center, Houston, TX, 2015*

Vice Chair, Career Development Committee, *The University of Texas MD Anderson Cancer Center, Houston, TX, 2014*

Executive Committee Member, Diversity Fair, *The University of Texas School of Public Health, Houston, TX, 2011*

City of Houston Department of Health and Human Services Liaison, *Student Epidemiology Intelligence Society (SEIS) member, UTSPH, Houston, TX, 2010*

Research Council Representative and Financial Director, *UTSPH Student Association, UTSPH, Houston, TX, 2009-2010*

Student Recruiter for Hurricane IKE response team, *HCPHES, Houston, TX, 2008*

Prenatal care for underserved pregnant women in urban slums, *Malwani, Mumbai, India, 2004*

Student leader, Pulse Polio Immunization Drive, *Bombay Municipal Council, Mumbai, India, 2003*

Organizing Committee Officer, Blood donation drive, , *King Edward Memorial Hospital, Mumbai, India, 2001*