

Melissa S. Nolan (Garcia), PhD, MPH
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Current Positions

University of South Carolina, Arnold School of Public Health
Assistant Professor, Tenure-Track Faculty Position
Columbia, SC
April 2018-present

University of South Carolina, School of Medicine
Adjunct Assistant Professor
Greenville, SC
April 2018-present

Education

Baylor College of Medicine
Doctor of Philosophy, Clinical Investigation
Houston, TX
November 2015

University of Texas, School of Public Health
Masters of Public Health, Epidemiology and Global Health Concentration
Houston, TX
August 2010

University of Georgia
Bachelor of Science, Biological Sciences
Athens, GA
May 2008

Professional Experience

Baylor College of Medicine, National School of Tropical Medicine, *Instructor* January 2016-Apr 2018
Harris Health Hospital System, *Research Appointment* August 2015-Apr 2018
Michael E DeBakey Veterans Affairs Medical Center, *WOC Appointment* Oct 2015-Apr 2018
Baylor College of Medicine, Texas Children's Hospital, *Research Associate* Feb 2012-Dec 2015
UTSPH Center for Infectious Diseases, *Research Coordinator I* Sep 2010-Feb 2012
UTSPH Center for Infectious Diseases, *Graduate Research Assistant (GRA)* April 2009-August 2010
UTSPH HIGHER International Fellow: Philippines, *GRA* June 2009-July 2009
UCSF Young Black Men who have Sex with Men Study, *GRA* February 2009-April 2009
UTSPH Center for Health Promotion, All About Youth Study, *GRA* October 2008-March 2009
City of Houston Health & Human Services, Epidemiology Division, *Internship* October 2008-March 2009
Sexual Assault Center of Northeast Georgia, *Internship* August 2006-April 2007

Professional Scientific Leadership Positions

PLOS NTD, Guest Editor July 2020-present
National Institutes of Health, Clinical Research and Field Studies, Invited CSR Reviewer June 2020
NOVA Public Broadcasting Service, Scientific Expert Content Reviewer April 2020
Society of Vector Ecology, Elected Regional Officer October 2017-present
BioMed Central Infectious Diseases, Editorial Board Member November 2015-present
COVID-19 Class Action Lawsuit, Expert Content Witness April 2020-July 2020
2018 National SOVE Congress, Women in Science Symposium Organizer February 2018-October 2018
2018 National SOVE Congress, Vector borne and Zoonotic Diseases Symposium Organizer February 2018-October 2018
Current Tropical Medicine Reports, Section Editor-Chagas Disease February 2018- March 2019
2017 International SOVE Congress, Symposium Organizer January 2017-October 2017
Current Tropical Medicine Reports, Section Editor-Latin America September 2016-March 2017
Chagas Policy Recommendation Summit 2017, Advisory Council December 2015-January 2017

Adhoc Reviewer for Scientific Journals and Book Publishers: Nature, Public Library of Science One, American Journal of Tropical Medicine and Hygiene, Journal of Infection and Public Health, Zoonoses and Public Health, Vector-Borne and Zoonotic Diseases, Elsevier, Springer

Institutional Service Appointments

Mu Chapter, Delta Omega Honorary Public Health Society, Nominated and Elected Member	April 2020-present
Fall 2020 COVID-19 Management and Recovery Planning, Committee Member	April 2020-present
South Carolina Statewide COVID-19 Task Force, Epidemiology Data Monitoring UofSC Team Lead	March 2020-present
COVID-19 Rapid Innovation Task Force, Public Health Co-Lead	March 2020-present
Research Committee, Department of Epidemiology and Biostatistics	January 2020-present
Geospatial Core, UofSC Big Data Health Science Center, Founding Committee Member	October 2019-present
Interprofessional Research Forum, PRISMA Health	November 2018-present
Faculty Search Committee, University of South Carolina	September 2018-present
Admissions Committee, University of South Carolina	August 2018-present
ASPIRE Proposal Reviewer, University of South Carolina	February 2020-April 2020
Magellan Scholar Proposal Reviewer, University of South Carolina	October 2019-December 2019
Monthly Research Seminar, University of South Carolina- Greenville Campus, Founding Co-Organizer	May 2018-May 2019
Institutional Review Board, Greenville Health System	June 2018-May 2019
Biostatistics Faculty Search Committee, University of South Carolina	August 2018-March 2019
Epidemiology Faculty Search Committee University of South Carolina	August 2018-March 2019
PRISMA Research Showcase, Reviewer	April 2019-April 2019
BCM Clark Faculty Service Award, Selection Committee	January 2018-May 2018
BCM Clark Faculty Service Award, Selection Committee	January 2017-May 2017
Baylor College of Medicine 2013-2014 Standing Committee, Institutional Review Board, Consultant	August 2013-July 2014
Committee on the Status of Women, The University of Texas Health Science Center at Houston, Elected Officer	September 2010-February 2012
Texas Medical Center Student Affairs Advisory Council, Appointed Officer	September 2009-August 2010
Student Epidemic Intelligence Society, Elected Officer	August 2008-August 2010
UTSPH Student Association, Appointed Officer	August 2008-August 2010

Community Service Affiliations

Transitions Homeless Center, Volunteer	November 2019-present
Junior League of Columbia, Transfer Committee	November 2019-present
Junior League of Greenville, Economic Mobility Advocacy Committee	July 2018-Novemeber 2019
Greenville Chamber-Young Professionals, Member	April 2018-November 2019
Nicholtown Neighborhood Association, Member	April 2018-November 2019
Rice University-Baker Institute Civic Scientists, Fellow	June 2016-April 2018
Villas on Hempstead, HOA Board of Directors-Vice President	October 2015-October 2016
Pershing Middle School Girls Youth Lacrosse, Coach	November 2014-June 2016
Big Brothers Big Sisters of Houston, Mentor	December 2010-June 2016
Harris County Psychiatric Center, Tutor	January 2011- October 2011

Student Advising & Mentorship

Patrick Kent, Prisma Health, Internal Medicine Residency	August 2020-June 2021
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Research Committee Advisor Ifeanyi Nwadukwe, University of South Carolina, MPH-MD Preventative Medicine Resident Fellowship Advisor	August 2020-May 2022
Nyrobi Tyson, University of South Carolina, MSPH Advisor	June 2020-May 2021
Lidia Gual Gonzalez, University of South Carolina, PhD Advisor	August 2020-May 2023
Tyler Bunting, University of South Carolina School of Medicine, SOAR Advisor	May 2020-August 2020
Aidan Warner, University of South Carolina School of Medicine, SOAR (Student Opportunities for Academic Achievement Through Research) Advisor	May 2020-August 2020
Julia Grace Fuller, University of South Carolina, Undergraduate Honors Thesis Advisor	March 2020-May 2020
Danielle Johnson, University of South Carolina, Undergraduate Magellan Research Assistant Advisor	October 2019-May 2020
Megan Davis, University of South Carolina, PhD Advisor	August 2019-May 2023
Katie Lynn, University of South Carolina, PhD Advisor	August 2019-May 2022
Kyndall Dye-Braumuller, University of South Carolina, PhD Advisor	August 2019-May 2022
Jessica Purser, University of South Carolina, Doctoral Dissertation Committee Member	August 2019-May 2020
McKenzi Norris, University of South Carolina, Magellan Undergraduate Research Award Advisor	June 2019-May 2021
Darby Nugent, University of South Carolina, Magellan Undergraduate Research Award Advisor	May 2019-April 2020
Arianna Milicia, Furman University, Undergraduate Research Internship	May 2019-August 2019
Brianna Tennie, University of South Carolina-Masters Practicum Advisor	May 2019-August 2019
Katie Hicks, Furman University, Undergraduate Research Internship	January 2019-August 2019
Stanley Rodriguez, University of El Salvador, PhD Dissertation Committee	August 2018-May 2023
Darla McCain, Prisma Health, Pediatric Fellowship Research Committee	August 2018-May 2019
Kyle Hatcher, University of South Carolina, Masters Thesis Advisor	August 2018-May 2019
Sam Christmas, University of South Carolina, Masters Practicum Advisor	August 2018-May 2019
Bonnie Gulas, Texas A&M University-PhD Dissertation Committee	August 2017-May 2022

Personal Awards/Honors/Scholarships

University of South Carolina Presidential Coin of Excellence Recipient 2020
American Society of Tropical Medicine and Hygiene Annual Meeting Travel Award Recipient 2013
BCM Graduate School of Biomedical Sciences Tuition Scholarship Recipient 2012-2015
Houston Initiative for Global Health, Education and Research (HIGHER) Fellowship Recipient 2009
Texas Public Education Grant Recipient 2009
Georgia Helping Outstanding Pupils Educationally (HOPE) Scholarship Recipient 2004-2007

Honors and Awards Received by Current and Former Students

Brianna Tennie (MPH Student): 2020 Outstanding Epidemiology Master's Student Award 05/2020
McKenzi Norris (Undergraduate Student): USC Magellan Undergraduate Student Award, \$2500, 05/20-04/21
McKenzi Norris (Undergraduate Student): USC President's Leadership Award 05/2020
Kyndall Dye-Braumuller (PhD Student): Dr. Bruce A Harrison Outstanding Student Award, Mid-Atlantic Mosquito Control Association, \$500, 02/2020
Danielle Johnson (Undergraduate Student): USC Magellan Undergraduate Student Award, \$3000, 1/20-08/20
Katie Lynn (PhD Student): Travel Grant, 2019 ACMCIP Award for Advanced Training, \$1000, 06/19
Darby Nugent (Undergraduate Student): USC Magellan Undergraduate Student Award, \$2500, 05/19-04/20
McKenzi Norris (Undergraduate Student): USC Magellan Undergraduate Student Award, \$2000, 06/19-05/20
Kyndall Dye-Braumuller (PhD Student): Arnold Graduate Fellowship, USC Arnold School of Public Health, \$30,000, 08/19-05/23

Current Research Funding

08/17/2020-12/31/2021

NU50CK000542, U.S. Department of Health and Human Services-South Carolina Department of Health and Environmental Control: “EPIDEMIOLOGY AND LABORATORY CAPACITY FOR PREVENTION AND CONTROL OF EMERGING INFECTIOUS DISEASES” \$1.3M

M. Nolan, Principle Investigator

This proposal defines the baseline COVID-19 immunity in representative South Carolinian populations and characterizes population-specific transmission dynamics. We aim to provide rigorous population immunity projections to inform public health officials’ and policymakers’ decision making.

06/01/2020-11/30/2020

Prisma Health Systems, COVID-19 Seed Grant: “SARS-COV-2 SURVEILLANCE OF ASYMPTOMATIC PREGNANT WOMEN AND COMPARISON OF THEIR VIRAL KINETICS TO SYMPTOMATICALLY INFECTED WOMEN” \$16K

M. Nolan, Principle Investigator

This proposal will define the testing characteristics of a point-of-care diagnostic for rapid identification of asymptotically infected women presenting for labor and delivery and compare their viral load decay rate to infected post-partum women with clinically apparent disease.

05/15/2020-05/14/2021

University of South Carolina, COVID-19 Research Initiative: “CLINICAL, MOLECULAR, AND EPIDEMIOLOGICAL INVESTIGATIONS OF COVID-19 TRANSMISSION IN THE PERIPARTUM/POSTPARTUM AND PERINATAL/POSTNATAL SETTING” \$25K

M. Nolan, Principle Investigator

This project aims to elucidate the maternal-fetal health outcomes of COVID-19 infection, and the viral kinetics and transmission risk among shared biological samples of mothers and infants.

05/15/2020-05/14/2021

University of South Carolina, COVID-19 Research Initiative: “EXPLORE DISEASES AND CHEMICALS IN COVID-19 SCHOLARLY ARTICLES WITH DATA SCIENCE TECHNIQUES” \$25K

M. Nolan Co-Investigator; A.Karami (PI)

This project will develop a platform to analyze COVID-19 open research database to detect and investigate diseases and explore their trends overtime.

4/01/2019-08/31/2020

Greenville Health Systems, Transformative Seed Grant: “EVALUATING THE CLINICAL AND MOLECULAR EPIDEMIOLOGY OF KLEBSIELLA SPP INFECTIONS IN THE UPSTATE REGION OF SOUTH CAROLINA” \$20K

M. Nolan, Co-Principal Investigator

Our study will identify antibiotic resistance and associated clinical characteristics of *Klebsiella* infections within GHS and investigate patients with recurrent *Klebsiella* infections to determine how previous antibiotic exposure has driven antibiotic resistance profiles.

09/15/2018-09/14/2023

1 U01GH002235-01-00, Centers for Disease Control and Prevention: “AN INTEGRATED ONE HEALTH APPROACH TO DETECT AND RESPOND TO EMERGING DISEASE THREATS IN HIGH-RISK REGIONS OF CENTRAL AMERICA” \$4.1M

M. Nolan, Co-Investigator, El Salvador-Country Director; K. Murray (PI)

This project aims to elucidate the etiologies of acute febrile disease in Belize and El Salvador, strengthen local public health capacities, and determine modifiable risk factors for infection transmission mitigation.

09/01/2018-08/31/2021

The Brockman Medical Research Foundation: “IMPROVING CHAGAS DISEASE PATIENT DIAGNOSIS AND HEALTH OUTCOMES IN THE SOUTHWESTERN UNITED STATES: EPIDEMIOLOGIC AND ANTIGENIC CHARACTERIZATION OF AUTOCHTHONOUS CASES” \$800K

M. Nolan, Principal Investigator

The objective of this proposal is to clarify the risk of locally acquired *Trypanosoma cruzi* disease transmission and perform epitope mapping of autochthonous parasitic strains in the southwestern US.

09/01/2017-12/31/2020

ExxonMobil Foundation: “GEOSPATIAL ANALYSIS OF HIGH-RISK AREAS FOR VECTORBORNE TRANSMISSION UTILIZING SATELLITE IMAGING TECHNOLOGY” \$300K

M. Nolan, Principal Investigator

Utilizing the remote sensing techniques currently in use by the oil industry, we propose to develop a new model for identification of mosquito-breeding habitats that pose a risk for human disease transmission.

COMPLETED FUNDING

04/16/2018-3/31/2019

Thrasher Research Fund: “HEALTH EVALUATION OF CHILDREN WITH GASTROINTESTINAL PARASITIC-CHAGAS DISEASE CO-INFECTION” \$25K

M. Nolan, Principal Investigator

We will elucidate the influence of co-infection of gastrointestinal parasitic infections and Chagas disease by assessing health indices, cytokine response, and individual’s total parasitic count.

07/01/2017-12/31/2018

TCH Pediatrics Pilot Award: “CLINICAL CHARACTERIZATION OF ACUTE CHAGAS DISEASE AMONG RURAL PEDIATRIC PATIENTS ALONG THE EL SALVADOR-GUATEMALA BORDER” \$50K

M. Nolan, Principal Investigator

This investigation aims to define the clinical manifestations of acute Chagas disease among a cohort of febrile children presenting with palpebral swelling at clinics in Western El Salvador.

07/01/2016-06/30/2018

R21 AI112647-01A1 (NIH/NIAID): “SEROPREVALENCE AND RISK OF CHAGAS DISEASE IN TEXAS HUNTERS” \$275K

M. Garcia, Co-Investigator

The overall objective of this investigation is to elucidate the risk of Chagas disease transmission among a large cohort of hunters and outdoor enthusiasts.

02/01/2016-01/31/2018

1R03AI123650-01 (NIH/NIAID): “TRYPANOSOMA CRUZI TESTING OF TRIATOMINE VECTORS IN A LIKELY ENDEMIC AREA OF SOUTHEAST TEXAS” \$100K

M. Garcia, Co-Investigator

This study aims to understand the ecology of triatomine vectors in an urban environment where autochthonous transmission to humans and shelter dogs has been identified. This collaborative project will establish a platform for which local health authorities will use for future public health interventions.

07/01/2016-06/30/2017

R03 AI126100-01 (NIH/NIAID): “SEROPREVALENCE AND TRANSMISSION SOURCES OF TRYPANOSOMA CRUZI AMONG SOUTH TEXAS RESIDENTS” \$50K

M. Garcia, Co-Investigator

This study aims to ascertain the Chagas disease infection prevalence among impoverished residents living in colonias along the Texas-Mexico border.

07/01/2015-06/30/2017

R21 AI114877-01 (NIH/NIAID): “PREVALENCE OF CHAGAS DISEASE IN PATIENTS WITH DILATED CARDIOMYOPATHY.” \$275K

M. Garcia, Co-Investigator

The purpose of this study is to understand the prevalence and clinical relevance of *Trypanosoma cruzi* infection in patients presenting to Houston-area hospitals with nonischemic dilated cardiomyopathy.

09/01/2014-06/30/2017

Comité Nacional de Productores de Azucar Nicaragua: “INVESTIGATION IN THE ETIOLOGY OF AN UNEXPLAINED KIDNEY DISEASE IN NICARAGUA.” \$1.1M

M. Garcia, Significant Contributor

An outbreak of acute renal disease over the past decade among sugar cane workers has resulted in approximately 20,000 deaths, with the etiology of disease still unknown. The purpose of this study is to investigate the role of infectious pathogens or toxic agents on the development of acute renal disease in sugar cane workers.

07/12/10-6/30/16

1U19AI089992-01 (NIH NIAID): “DEFINING SIGNATURES FOR IMMUNE RESPONSIVENESS BY FUNCTIONAL SYSTEMS” \$2.4M

David Hafler, PI, Yale University (M. Garcia, Significant Contributor-Houston subcontract)

The focus of this collaborative grant was to define mechanisms of the immune response in both acute and chronic West Nile virus infections.

08/16/2011-07/31/2016

R01 AI091816-01 (NIH/NIAID): “RENAL AND NEUROLOGICAL OUTCOMES IN CHRONICALLY INFECTED WEST NILE VIRUS PATIENTS.” \$1.3M

M. Garcia, Significant Contributor

The objective of the proposed studies was to determine the renal and neurological pathology and outcomes associated with persistent infection with WNV.

04/01/2011-03/31/2014

Gillson Longenbaugh Foundation, “VIRAL PERSISTENCE AND IMMUNITY IN WEST NILE VIRUS INFECTED PATIENTS” \$125K

M. Garcia, Significant Contributor

We determined the pathogenesis of renal infection through clinical immune biomarker discovery.

02/01/13-6/30/13

Cardiovascular Research Institute (Baylor College of Medicine), “CARDIAC MANIFESTATIONS OF CHAGAS’ DISEASE IN *TRYPANOSOMA CRUZI* POSITIVE BLOOD DONORS” \$25K

M. Garcia, Significant Contributor

This study investigated transmission sources and cardiac disease among Chagas blood donors in Houston.

Peer-Reviewed Publications

1. **Nolan MS,** Zangeneh A, Khuwaja SA, Martinez D, Rossmann SN, Cardenas V, Murray KO. Proximity of residence to bodies of water and risk for West Nile virus infection: A case-control study in Houston, Texas. Special Issue: Advances in Arboviral Surveillance, Detection, and Diagnosis. *J Biomed Biotechnol* 2012; 2012:159578

2. **Nolan MS**, Hause AM, Murray KO. Findings of long-term depression up to 8 years post-West Nile virus infection: the Houston West Nile virus cohort. *J Clin Psychol* 2012; 68(7):801-808.
3. **Nolan MS**, Podoll AS, Hause AM, Akers KM, Finkel KW, Murray KO. Prevalence of chronic kidney disease and progression of disease over time among patients enrolled in the Houston West Nile virus cohort. *PLoS One* 2012; 7(7):e40374.
4. **Nolan MS**, Schuermann J, Murray KO. West Nile virus infection among human, Texas, USA, 2002-2011. *Emerg Infect Dis* 2013; 19(1):137-139.
5. Murray KO, Ruktanonchai D, Hesalroad D, Fonken E, **Nolan MS**. The 2012 Outbreak of West Nile virus in Texas. *Emerg Infect Dis* 2013; 19(11):1836-1838.
6. Murray KO, **Garcia MN**, Yan C, Gorchakov R. Persistence of detectable immunoglobulin M antibodies up to 8 years after infection with West Nile virus. *Am J Trop Med Hyg* 2013; 89(5):996-1000.
7. Qian F, Thakar J, Yuan X, **Nolan M**, Murray K, Lee B, Wong S, Meng H, Kleinstein SH, Montgomery RR. Immune markers associated with host susceptibility to infection with West Nile virus. *Viral Immunol* 2014; 27(2): 39-47.
8. Beaumier C, **Garcia MN**, Murray KO. The History of Dengue in the United States and its Recent Emergence. *Curr Trop Med Rep* 2014; 1:32-35.
9. Wilking A, Elliott E, **Garcia MN**, Murray KO, Munoz F. Central Nervous System Manifestations in Pediatric Patients with Influenza A H1N1 Infection during the 2009 Pandemic. *Pediatr Neurol* 2014; 51: 370-376.
10. **Garcia MN**, Hause AM, Walker CM, Orange JS, Montgomery R, Hasbun R, Murray KO. Evaluation of prolonged fatigue post-West Nile virus infection and association of fatigue with elevated antiviral and proinflammatory cytokines. *Viral Immunol* 2014; 27(7):1-7.
11. **Garcia MN**, Murray KO, Hotez PJ. Novel Mechanisms of Autochthonous and Sylvatic Transmission of Human Chagas Disease in the United States. *Parasit Vectors* 2014; 7(1):311.
12. Murray KO, **Garcia MN**, Rahbar MH, Martinez D, Khuwaja SA, Arafat RR, Rossmann S. Survival analysis, long-term outcomes, and percentage of recovery up to 8 years post-infection among the Houston West Nile virus cohort. *PLoS One* 2014; 9(7):e102953.
13. **Garcia MN**, Murray KO, Woc-Colburn L, Rossmann S, Townsend RL, Stramer SL, Bravo M, Kamel H, Beddard R, Townsend M, Oldham R, Botazzi ME, Hotez PJ. Trypanosoma cruzi screening in Texas blood donors, 2008-2012. *Epidemiol and Infect* 2014: 1-4.
14. Cardoso RN, Macedo FY, **Garcia MN**, Garcia DC, Benjo AM, Aguilar D, Jneid H, Bozkurt B. Chagas cardiomyopathy is associated with higher incidence of stroke: a meta-analysis of observational studies. *J Card Fail* 2014; 20(12):931-938.
15. **Garcia MN**, Murray KO, Hotez PJ, Rossmann S, Gorchakov R, Ontiveros A, Woc-Colburn L, Botazzi ME, Rhodes CE, Ballantyne CM, Aguilar D. Development of Chagas Cardiac Manifestations Among Texas Blood Donors. *Am J Cardiol* 2015: 115(1):113-117.

16. **Garcia MN**, Aguilar D, Gorchakov R, Montgomery SP, Rivera H, Rossman SR, Hotez PJ, Murray KO. Evidence of autochthonous Chagas disease in southeastern Texas. *Am J Trop Med Hyg* 2015: 92(2): 325-330.
17. Qian F, Goel G, Meng H, Wang X, You F, Devine L, Raddasi K, **Garcia MN**, Murray KO, Bolen CR, Gaujoux R, Shen-Orr SS, Hafler D, Fikrig E, Xavier R, Kleinstein SH, Montgomery RR. Systems immunology reveals markers of susceptibility to West Nile virus infection. *Clin Vaccine Immunol* 2015: 22(1): 6-16.
18. Weatherhead JE, **Garcia MN**, Miller VE, Hasbun R, Salazar L, Dimachkie M, Murray KO. Long-term neurologic outcomes among patients with a history of West Nile virus infection. *Am J Trop Med Hyg* 2015: 92(6): 1006-1012.
19. **Garcia MN**, Hasbun R, Murray KO. Persistence of West Nile virus. *Microbes Infect* 2015: 17(2): 163-168.
20. **Garcia MN**, Philpott D, Murray KO, Ontiveros A, Revell P, Chandramohan L, Munoz-Rivas F. Clinical Characteristics of the Pandemic H1N1 Influenza Virus Associated with Hospitalization in a Pediatric Population. *Epidemiol Infect* 2015: 2: 1-11.
21. **Garcia MN**, Wagner J, Murphy SK, Gross A, Murray KO. Knowledge, attitudes and practices of Texas hunters: a potentially high risk group for Chagas disease transmission. *Parasi Vectors* 2015: 8: 197.
22. **Garcia MN**, Woc-Colburn L, Aguilar D, Hotez PJ, Murray KO. Historical perspectives on the epidemiology of human Chagas disease in Texas: recommendations for enhanced understanding of clinical Chagas disease in the southern United States. *PLoS Negl Trop Dis* 2015: 9: e0003981
23. Murray KO, Fischer RS, Chavarria D, Duttmann C, **Garcia MN**, Gorchakov R, Gross S, Hotez PJ, Jiron W, Leibler JH, Lopez J, Mandayam S, Marin A, Sheleby J. Mesoamerican Nephropathy: A Neglected Tropical Disease with an Infectious Etiology? *Microbes Infect* 2015: 17: 671-675
24. **Garcia MN**, Hernandez D, Gorchakov R, Murray KO, Hotez PJ. The 1899 Kissing Bug Outbreak in the United States. *PLoS Negl Trop Dis* 2015: 9: e004117
25. Tsioris KN, Gupta A, Ogunniyi O, Zimmisky RM, Qian F, Yao Y, Wang X, Stern JNH, Chari R, Briggs AE, Clouser CR, Vigneault F, Church GM, **Garcia MN**, Murray KO, Montgomery RR, Kleinstein SH, Love JC. Neutralizing antibodies against West Nile virus identified directly from human B cells by single-cell analysis and next generation sequencing. *Integr Biol (Camb)* 2015: 7: 1587-1597
26. Gunter SM, Jones KM, Zhan B, Essigmann HT, Murray KO, **Garcia MN**, Gorchakov R, Bottazzi ME, Hotez PJ, Brown EL. Identification and Characterization of the *Trypanosoma cruzi* B-cell Superantigen Tc24. *Am J Trop Med Hyg* 2016: 94: 114-121.
27. Hasbun R, **Garcia MN**, Kellaway J, Baker L, Salazar L, Murray KO. West Nile virus retinopathy and associations with long term neurological and neurocognitive sequelae. *PLoS One* 2016: 11: e0148898
28. Gorchakov R, Trosclair LP, Wozniak EJ, Feria TP, **Garcia MN**, Gunter SM, Murray KO. *Trypanosoma cruzi* infection prevalence and bloodmeal analysis in Triatomine vectors of Chagas disease from rural peridomestic locations in Texas, 2013-2014. *J Med Entomol* 2016: 53: 911-918

29. Vanichanan J, Salazar L, Wootton SH, Aguilera E, **Garcia MN**, Murray KO, Hasbun R. Underutilization of West Nile virus and other arbovirus testing in patients with meningitis and encephalitis. *Emerg Infect Dis* 2016; 22(9). doi: 10.3201/eid2209.152050.
30. **Garcia MN**, Nelson SK, Wolf N, Asojo O. Female secondary education is imperative for improved health outcomes in Nigeria. *Science Open Research* 2016. doi: 10.14293/s2199-1006.1.sor-med.arjtp.v1
31. Lopez JE, Krishnavajhala A, **Garcia MN**, Bermudez S. Tick-borne relapsing fever spirochetes in the Americas. *Vet Sci* 2016; 3(16): doi:10.3390/vetsci3030016
32. **Garcia MN**, ODay S, Fischer-Hoch, S, Gorchakov R, Patino R, Feria TP, Laing S, Lopez JE, Ingber A, Jones KM, Murray KO, One Health interactions of Chagas disease vectors, mammalian reservoirs and human residents along the Texas-Mexico Border. *PLoS Negl Trop Dis* 2016; 10(11): e0005074
33. Murray KO, Evert N, Mayes B, Fonken E, Erickson T, **Garcia MN**, Sidwa T. Typhus group rickettsiosis in Texas. *Emerg Infect Dis* 2016; 23(4): 645-648.
34. Baldwin NL, Murray KO, **Garcia MN**, Light KC, Bateman L. Treatment of postural orthostatic tachycardia syndrome and management of myalgic encephalomyelitis/chronic fatigue syndrome following West Nile virus infection. *Fatigue: Biomedicine, Health, and Behavior* 2016; 4: 226-236.
35. Gunter SM, Brown EL, Gorchakov R, Murray KO, **Garcia MN**. Historical perspective of Domestic and Wildlife Mammalian Reservoirs for *Trypanosoma cruzi* in Texas. *Zoonoses Public Health* 2016: doi:10.1111/zph.12330 [epub ahead of print].
36. Gunter SM, Murray KO, Gorchakov R, Beddard R, Rossmann SN, Montgomery SP, Rivera H, Brown EL, Aguilar D, Widman LE, **Garcia MN**. South-Central Texas: A potential endemic area of autochthonous *Trypanosoma cruzi* transmission to humans. *Emerg Infect Dis* 2017; 23(3): 500-503.
37. Murray KO, Gorchakov R, Carlson AR, Berry R, Lai L, Natrajan M, **Garcia MN**, Boom J, Correa A, Patel SM, Aagaard K, Mulligan M. Prolonged detection of Zika virus in vaginal secretions and whole blood. *Emerg Infect Dis* 2017; 23(1): 99-101.
38. Svarch AE, Arce-Salinas CA, Amaya JL, **Garcia MN**. Leptospirosis in tropical regions of southeast Mexico: A clinical case series. *Curr Trop Med Rep* 2017. doi: 10.1007/s40475-017-0104-s.
39. Athar P, Hasbun R, **Garcia MN**, Salazar L, Woods S, Sheikh K, Murray KO. Long-term neuromuscular outcomes of West Nile virus infection: a clinical and electromyograph evaluation of patients with a history of infection. *Muscle Nerve* 2017: doi 10.1002/mus.25660 [epub ahead of print]
40. **Garcia MN**, Gorchakov R, Gunter S, Murray KO, Herrera CP. Molecular identification and genotyping of *Trypanosoma cruzi* DNA from serology of autochthonous Chagas disease patients in Texas, USA. *Infect Genet Evol* 2017;49: 151-156.
41. Yao Y, Strauss-Albee DM, Zhou JQ, Malawista A, **Garcia MN**, Murray KO, Blish CA, Montgomery RR. The natural killer cell repertoire to West Nile virus in young and old individuals with or without prior history of infection. *PLoS ONE* 2017; 12(2):e0172625
42. Harris N, Woc-Colburn L, Gunter SM, Gorchakov R, **Garcia MN**. Autochthonous Chagas disease case report with Arizona residential and southern United States military exposures. *Zoonoses Public Health* 2017; 64(6): 491-493.

43. **Garcia MN**, Cropper TL, Gunter SM, Kramm MM, Pawlak MT, Roachell W, Ronca SE, Stidham RA, Webber BJ, Yun HC. Vector-borne diseases of public health importance for personnel on military installations in the United States. *US Army Med Dep J* 2017; 1(17): 90-101.
44. Fischer RSB, Mandayam S, Chavarria D, Vangala C, **Nolan MS**, Gorchakov R, Garcia L, Palma L, Garcia F, Garcia-Trabanino R, Murray KO. Clinical Evidence of Acute Mesoamerican Nephropathy. *Am J Trop Med Hyg* 2017; 97(4): 1247-1256
45. Murray KO, Kolodziej S, Ronca S, Gorchakov R, Navarro P, **Nolan MS**, Podoll A, Finkel K, Mandayam S. Visualization of West Nile virions in urine sediment using electron microscopy and immunogold up to 9 years post-infection. *Am J Trop Med Hyg* 2017; 97(6): 1913-1919
46. Stark PM, Flatt KL, **Nolan MS**, Debboun M. Field cage insecticide resistance tests against *Culex quinquefasciatus* Say (Diptera: Culicidae) in Harris county, Texas. *J Vector Ecol* 2017; 42(2):279-288.
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Erickson T, Munoz F, Hasbun R, Gunter SM, **Nolan MS**, Murray KO. *Streptococcus bovis* group: an under-recognized cause of meningitis in infants. *In review: Emerg Infect Dis*

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Dye-Braumuller K, Lynn MK, Gorchakov R, Gunter SM, Berry RM, Skiles R, Murray KO, **Nolan MS**. Low *Trypanosoma cruzi* transmission risk to humans in the Trans-Pecos region of Texas. *In review: Parasite Epidemiology and Control*

Kamani A, Bookstaver B, **Nolan MS**. Investigating diseases and chemicals in COVID-19 literature with text mining. *In review: Computers in Biology and Medicine*

Dye-Braumuller K, Lynn MK, **Nolan MS**. History of indigenous *Trypanosoma cruzi* infection in humans, animals and triatomines in California, USA. *In review: Zoonoses and Public Health*

Published Book Chapters and Abstracts

1. Podoll AS, **Nolan MS**, Hause AM, Akers KM, Finkel KW, Murray KO. Chronic kidney disease among patients enrolled in the Houston West Nile virus cohort. [Abstract] *Am J Kidney Dis*: 2012; 59 (4):B65.
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3. Mckenna M, Ronca SE, **Nolan MS**, Murray KO. West Nile encephalitis. Meningitis and Encephalitis- Management and Prevention Challenges. Springer. 2018. ISBN: 978-3-319-92677-3
4. **Nolan MS**, Dye-Braumuller K, Clark E. Chagas disease in the United States (USA). *Chagas disease.* Springer Nature. 2018.

Invited Lectures and Community Education Talks

Presidential Town Hall: Faculty and Staff, University of South Carolina, Office of the President, 21 July 2020
Autochthonous Vector-Borne Diseases in the Southern United States (and some COVID-19), UofSC Family

Medicine Global Health Didactics, 23 June 2020

COVID-19 Future Planning, Lancaster County Briefing, 3 June 2020

SARS-CoV-2 and Maternal Fetal Medicine, Prisma Health Research Town Hall, 27 May 2020

COVID-19 Future Planning Group, City of Columbia Management Briefing, 14 May 2020

Faculty Town Hall, University of South Carolina Chapter of American Association of University Professors, 14 May 2020

Understanding COVID-2019, University of South Carolina Office of the Vice President of Research University Town Hall, 5 May 2020

Clinical Health Outcomes and SARS-COV-2 Viral Kinetics among Pregnant Women, Recent Mothers, and Newborns, Prisma Health Rapid Innovation Task Force, 4 May 2020

Ticks Don't Social Distance, Centers for Disease Control Lyme Disease Awareness Month Lunch and Learn Series, 1 May 2020

Public Health Task Force, Prisma Rapid Innovation Task Force, 16 April 2020

Infectious Disease Grants, University of South Carolina-EPID 802, 27 February 2020

Principles of Field Epidemiology and Examples from Applied Vector Borne Disease Research, University of South Carolina-Introduction to Epidemiology, 11 February 2020

Novel 2019 Coronavirus and Outbreak Response Techniques, University of South Carolina-Global Health graduate course, 2 February 2020

HIV/AIDS Epidemic: An Interprofessional Panel Discussion, University of South Carolina Medical School Greenville, 5 August 2019

Improving Chagas Disease Patient Diagnosis and Health Outcomes in the Southwestern United States, Blood Centers of California and California Department of Health Monthly Meeting, 6 March 2019

Integrating Remote Sensing Technology, Machine Learning, and Real-time Mosquito Surveillance: A Team Science Approach to Vector Control, University of South Carolina-Environmental Health Sciences Departmental Seminar Series, 13 February 2019

Research at GHS, University of South Carolina Department of Epidemiology and Biostatistics Research Committee, 4 February 2019

Principles of Field Epidemiology and Examples from Applied Vector Borne Disease Research, *University of South Carolina-Introduction to Epidemiology*, 4 February 2019

Patient Profiles of Neglected Parasitic Infections in Greenville: 'It's Trichy, *University of South Carolina-Greenville Research Seminar Series*, 15 November 2018

Applications to GIS in Healthcare, *University of South Carolina-GIS Modeling Course*, 16 October 2018

Principles of Clinical Epidemiology, *University of South Carolina-Introduction to Epidemiology*, 16 October 2018

Clinical Epidemiology of Vector-Borne Diseases in the Western Hemisphere, *University of South Carolina-Epidemiology and Biostatistics Departmental Seminar*, 24 September 2018

Clinical Epidemiology, Basic Science and Public Health Investigations of Chagas Disease, *University of Houston Science Seminar*, 20 February 2018

Globalization of Latin American Vector-Borne Diseases and Their Implication for Non-Endemic Countries, *Rice University Seminar in Tropical Medicine*, 2 November 2017

EIS Case Investigations, *Baylor College of Medicine National School of Tropical Medicine Summer Institute*, 28 June 2017

Biostatistics for Clinical Studies, *Baylor College of Medicine National School of Tropical Medicine Summer Institute*, 26 June 2017

EIS Case Investigations, *Baylor College of Medicine National School of Tropical Medicine Summer Institute*, 14 June 2016

Clinical perspectives for diagnosis of tick-borne relapsing fever, *Baylor College of Medicine Infectious Diseases Faculty and Fellows Core*, Podium Presentation, 18 May 2016

Chagas disease: A Texas perspective, *Texas Master Naturalists-Gideon Linsecum Chapter*, Podium Presentation, 19 March 2016

Arboviral & Zoonotic Diseases, *University of Texas Health Science Center*, 7 December 2015

The Influence of Infectious Diseases on History, *Teasley Middle School*, 11 September 2015

Tips and Tricks to Publishing in a Peer Reviewed Journal, *Baylor College of Medicine National School of Tropical Medicine Summer Institute*, 23 June 2015

Chagas disease: Information for an at-risk community, *St. Mark's Medical Center, La Grange, Texas*, Podium Presentation, 10 November 2015.

Chagas disease: zoonotic diseases and other insect-borne pathogens threatening our region, *Greater Houston Industrial Hygiene Council*, Podium Presentation, 20 August 2015.

An epidemiologic analysis of vector, mammalian, and human infection in Houston, Texas, *Harris County Mosquito Control Division*, Podium Presentation, 21 April 2015.

Methods in Neglected Tropical Disease Research: Chagas Disease, *Rice University Seminar in Tropical Medicine*, 23 October 2014.

Methods for Rapid Assessment of Natural Disasters, *Baylor College of Medicine National School of Tropical Medicine Summer Institute*, 23 June 2014.

Entomology and Vector-Borne Diseases, *Baylor College of Medicine National School of Tropical Medicine Summer Institute*, 20 June 2014.

Chagas Disease Transmission Sources and Cardiac Outcomes Among Texas Blood Donors, *South Texas Property Rights Association*, Podium Presentation, 6 May 2014.

Chagas Disease Epidemiology Case Reports, *Baylor SIGHT Retreat*, 28 March 2014.

Chagas Cardiomyopathy: A Hidden Endemic, *Texas Children's Research Seminar*, Podium Presentation, 23 January 2014.

Chagas Disease in Houston: Implications for the Health Department, *City of Houston Epidemiology Seminar*, Podium Presentation, 16 January 2014.

Rapid Assessment Methods and Exercise, *Baylor College of Medicine's Diploma in Tropical Medicine*, 13 January 2014.

Vector-borne Diseases, *Baylor College of Medicine's Tropical Medicine Summer Institute*, 15 July 2013.

Arbovirus Surveillance and Mapping: Houston, TX, *University of Texas School of Public Health Medical Geography Course*, 20 October 2010

Methods in Field Epidemiology, Epidemiology Seminar, *Podium Presentation*, 3 March 2010
Adventures of a HIGHER Fellow, Global Health Seminar, *Podium Presentation*, 10 November 2009
Rabies: An Introduction, World Rabies Day at University of Texas School of Public Health, *Podium Presentation*, 28 September 2009

Scientific Conferences: Podium and Poster Presentations

Adolescent *Trichomonas vaginalis* and concomitant sexually transmitted infections in upstate South Carolina, *2020 Health Science Center Research Showcase, Greenville, SC*, Published Abstract in Lieu of Poster Presentation, 17 April 2020

Adolescent *Trichomonas vaginalis* and concomitant sexually transmitted infections in upstate South Carolina, *PRISMA Women's Health Conference, Columbia, SC*, Poster Presentation, 6 March 2020

Mapping Breeding Sites, *Mid-Atlantic Mosquito Control Association, Greenville, SC*, Podium Presentation 20 February 2020

High-throughput mutational analysis of *Trypanosoma cruzi* antigenic epitopes reveal consistent conservation of key residues across human Chagas Disease populations, *XIX International Symposium on Neglected Diseases, Buenos Aires, Argentina*, Poster Presentation, 21 August 2019

Borrowing Your Neighbor's Toolkit: Leveraging GIS to Reduce Vector-Borne Disease, *ESRI User Conference, San Diego, CA*, Podium Presentation, 9 July 2019

U.S. Chagas Transmission at the Texas-Mexico Border, *NIH NIAID Chagas Diagnostics Seminar, Bethesda, MD*, Podium Presentation, 21 May 2019

An Unfolding Investigation of *Trypanosoma cruzi* Autochthonous Transmission in the United States, *QuEST NSF Research Trainee Program, University of Vermont, Burlington, VT*, Podium Presentation, 5 April 2019

Components of Integrated Vector Control Research, *QuEST NSF Research Trainee Program, University of Vermont, Burlington, VT*, Podium Presentation, 5 April 2019

Developing Novel Indices for Remote Sensing Detection of Mosquito Breeding Habitats, *Mid-Atlantic Mosquito Control Association, Harrisburg, PA*, Podium Presentation, 26 March 2019

Geospatial Analysis of High-Risk Areas for Vector-borne Transmission Using Remote Sensing Technologies, *67th American Society of Tropical Medicine and Hygiene, New Orleans, LA*, Poster Presentation, 30 October 2018

Rethinking Chagas: Reshaping the Agenda for Chagas Disease in the United States, *Harvard T.H. Chan School of Public Health, Boston, Massachusetts*, Podium Presentation, 22 October 2018

Prioritizing Mosquito Control Through Application of Remote Sensing Techniques, *54th Brazilian Congress of Tropical Medicine, Recife, Brazil*, Podium Presentation, 5 September 2018

Fight the Bite-Applying Remote Sensing Technologies to Detect Mosquito Breeding Habitats of Importance, *Diseases in Nature Conference, Houston, Texas*, Podium Presentation, 23 May 2018

Fight the Bite-Applying Remote Sensing Technologies to Detect Mosquito Breeding Habitats of Importance, *Houston Regional GIS Expo, Houston, Texas*, Podium Presentation, 29 March 2018

Deploying the Neighbor's Toolkit: Detecting Mosquito Breeding Habitats, *Pumps and Pipes Conference, Houston, Texas*, Podium Presentation, 5 December 2017

Clinical epidemiology, pathophysiology, and transmission cycles of Chagas disease in Texas, *Diseases in Nature Conference, Irving, Texas*, Podium Presentation, 24 May 2017

Epidemiologic investigations of at-risk communities for Chagas disease infection in the Southern United States, *Congreso Internacional de Vectores y del Trypanosoma cruzi, Cuernavaca, Mexico*, Podium Presentation, 9 December 2016

Prevalence of *Trypanosoma cruzi* among Non-Ischemic Cardiomyopathy Patients Presenting for Clinical Management at Three Medical Facilities in Southeastern Texas, USA, *American Society of Tropical Medicine and Hygiene Annual Meeting, Atlanta, Georgia*, Poster Presentation, 14 November 2016

Clinical Manifestations of Chagas disease in the United States, *XXV International Congress of Entomology, Orlando, Florida*, Podium Presentation, 27 September 2016

Vector and Clinical Epidemiology of Chagas disease in Texas, *Society for Vector Ecology, Anchorage, Alaska*, Podium Presentation, 12 September 2016

Disease burden and clinical implications of Chagas disease in Texas, USA: A cross-sectional analysis of *Trypanosoma cruzi* seroprevalence among vectors, mammalian reservoirs, and human residents, *XXIX Congresso Nazionale Società Italiana di Parassitologia, Bari, Italy*, Podium Presentation, 22 June 2016

Mesoamerican nephropathy (MeN) in Nicaragua: a clinical case definition. *2016 James Steele Conference on Diseases in Nature Transmissible to Man*, Poster Presentation, 26 May 2016

Incorporation of GIS technology into an ever evolving public health landscape. *Exxon-Mobile GIS User Group Annual Meeting*, Podium Presentation, 23 May 2016

Epidemiologic characteristics and clinical manifestations of human relapsing fever in the United States. *Espiroquetas, Habana 2016: IV Curso Internacional de Leptospirosis, Sifilis y Borreliosis*, Podium Presentation, 11 May 2016

Epidemiology and clinical outcomes of Human Chagas disease: A Texas perspective. *South Texas Tropical Medicine & Vector borne Disease Conference*, Podium Presentation, 19 February 2016

Genotyping of *Trypanosoma cruzi* DNA in blood samples from autochthonous Chagas disease patients from southeastern and central Texas. *American Society of Tropical Medicine and Hygiene Annual Scientific Conference*, Podium Presentation, 27 October 2015.

Transmission sources and cardiac manifestations of a *Trypanosoma cruzi* positive blood donor cohort in the United States. *Mundo Sano XVII Simposio Internacional, Buenos Aires, Argentina*, Poster Presentation, 24 August 2015.

Clinical characteristics of the pandemic H1N1 Influenza virus associated with hospitalization in a pediatric population: A Case-Control Study, *Texas Children's Hospital Pediatric Research & Fellows Symposium*, Poster Presentation, 26 March 2015.

Cardiac Outcomes and Transmission Sources of *T. cruzi* Positive Blood Donors, *American Society of Tropical Medicine and Hygiene Annual Meeting*, Podium Presentation, 4 November 2014.

Chagas Cardiomyopathy in Texas, *Baylor College of Medicine Graduate Student Symposium*, Poster Presentation, 22 October 2014.

Chagas Disease Among Texas Blood Donors, *Diseases in Nature Conference*, Podium Presentation, 26 June 2014.

Chagas Cardiomyopathy in Texas, *Cardiovascular Research Institute Symposium*, Poster Presentation, 25 March 2014.

Chagas Cardiomyopathy: A Hidden Endemic, *Baylor College of Medicine-Department of Cardiology Research Conference*, Podium Presentation, 2 December 2013.

Cardiac Manifestations of Chagas Disease in Texas Blood Donors: An Unanticipated Focus on Autochthonous Transmission, *American Society of Tropical Medicine and Hygiene Conference*, Poster Presentation, 16 November 2013.

Risk Factors and Seroprevalence of *Trypanosoma cruzi* in Texas, *American Society of Tropical Medicine and Hygiene Conference*, Podium Presentation, 17 November 2013.

Clinical Characteristics of the Pandemic H1N1 Virus in a Texas Pediatric Population. *Diseases in Nature Conference*, Podium Presentation, 21 June 2013.

Evaluation of Risk Factors and Clinical Parameters in West Nile Virus-Related Renal Disease: A Case-Control Study. *National Kidney Foundation 2013 Spring Clinical Meeting*, Poster Presentation, 3 April 2012.

The Emergence and Establishment of West Nile Virus in Texas: An Epidemiologic Analysis of a Decade of Reported Human Cases. *Diseases in Nature Conference*, Poster Presentation, 20 June 2012.

CKD Among Patients Enrolled in the Houston West Nile Virus Cohort. *National Kidney Foundation 2012 Spring Clinical Meeting*, Poster Presentation, 9 May 2012.

Adventures of a Research Coordinator. *DeBakey Scientific Symposium*, Podium Presentation, 16 December 2011

Spatial Analysis of Water Body Distance and West Nile Virus Human Cases in Houston, Texas, *Texas Public Health Association*, Poster Presentation, 21 April 2010

Media Interviews

11 supposedly fun things we'll never do again, New York Times, *Print Interview*, 11 August 2020

Coronavirus vaccine, BBC World News, *Live TV Interview*, 1 August 2020

U.S. coronavirus infections fall below 60,000 for second straight day, The Wall Street Journal, *Print Interview*, 28 July 2020

Can you get infected with COVID-19 twice? Experts say possibility is 'certainly real', USA Today, *Print Interview*, 16 July 2020

SC among top 5 hot spots for coronavirus in the nation, WIS TV, *Film Interview*, 13 July 2020

Sports are returning. Virus cases are rising. How many is too many?, New York Times, *Print Interview*, 30 June 2020

"Pandemic is still here": US hits 2M cases; 100,000 more could die in coming months, USA Today, *Print Interview*, 11 June 2020

Pourquoi la pandémie ne reflue pas aux Etats-Unis comme en Europe, Agence France-Presse, *Print Interview*, 9 June 2020

Public health experts say recent spike in COVID-19 cases reinforces need for social distancing, ABC Columbia, *Film Interview*, 8 June 2020

Preparing families and individuals for re-introducing themselves to society from an epidemiologist, AllMomsNeedHelp.com, *Live TV Interview*, 5 June 2020

Some public health experts believe protests could lead to flareup in COVID-19 cases in SC, WIS TV, *Film Interview*, 3 June 2020

Many businesses promise to 'deep clean' offices before reopening. But what does that mean?, USA Today, *Print Interview*, 3 June 2020

How MLB is navigating the coronavirus pandemic to play ball, ESPN, *Print Interview*, 19 May 2020

DHEC's expanded use of contact tracing in South Carolina could go digital, ABC Columbia, *Film Interview*, 13 May 2020

Health experts react to Dr. Fauci's comments that he'd want to clone SC's response to COVID-19, WIS TV, *Film Interview*, 13 May 2020

What experts are learning about COVID-19, WIS TV, *Print Interview*, 12 May 2020

What you need to know about COVID-19 moving forward, WIS TV, *Film Interview*, 12 May 2020

New York, New Jersey allow coronavirus-infected health care workers to tend to sick, elderly after just 7 days, Fox News, *Print Interview*, 11 May 2020

UofSC to resume in-person instruction beginning in mid-August, WIS TV, *Film Interview*, 6 May 2020

Can golden boy bring boxing back?, New York Times, *Print Interview*, 2 May 2020

Coronavirus crisis: What are the potential long-term health impacts, Fox News, *Print Interview*, 22 April 2020
UNews, Univision News, *Live TV Interview*, 16 April 2020

A bridge between life and death: Most COVID-19 patients put on ventilators will not survive, USA Today, *Print Interview*, 8 April 2020

Johnson county's plans for wider COVID-19 testing is stalled due to lack of swabs, Kansas Public Radio, *Print Interview*, 7 April 2020

State representative call for Gov. McMaster to issue 'stay-at-home' order, WIS TV, *Film Interview*, 1 April 2020

Warm weather doesn't preclude coronavirus, South Carolina Public Radio, *Radio Interview*, 30 March 2020

Three months into the pandemic, here is what we know about the coronavirus, Washington Post, *Print Interview*, 28 March 2020

Coronavirus is spreading so quickly that our brains can't keep up. Experts explain why, USA Today, *Print Interview*, 28 March 2020

Coronavirus live blog: Infectious Disease Expert Dr. Melissa Nolan, Fox News, *Live Interview*, 27 March 2020

This week in South Carolina: Coronavirus, South Carolina ETV, *Live TV Interview*, 20 March 2020

Could the coronavirus outbreak be gone by summer? What we don't know is 'epic', USA Today, *Print Interview*, 15 March 2020

South Carolina's coronavirus response, WACH Fox News- OnPoint with Cynthia Hardy, *Live TV Interview*, 15 March 2020

Comic: I spend a day in coronavirus awareness mode. Epidemiologists, how did I do? Goats and Soda-National Public Radio, *Print Interview*, 12 March 2020

How a grassroots USC project could build the state's first database of ticks, South Carolina Public Radio, *Radio and Print Interview*, 11 March 2020

Health care workers worry about coronavirus protection, The Washington Post, *Print Interview*, 5 March 2020

How the coronavirus compares with the flu, The Washington Post, *Print Interview*, 4 March 2020

How South Carolinians should be preparing for COVID-19, South Carolina Public Radio, *Radio and Print Interview*, 2 March 2020

In China's war on the coronavirus, a community is besieged, New York Times, *Print Interview*, 29 February 2020

Coronavirus, WWL New Orleans First News, *Live Radio Interview*, 28 February 2020

Mexico confirms first case of coronavirus, The Wall Street Journal, *Print Interview*, 28 February 2020

Will warmer weather stop the spread of the coronavirus? Don't count on it, say experts, TIME Magazine, *Print Interview*, 28 February 2020

Is South Carolina braced for COVID-19? A USC Dr Says Yes, South Carolina Public Radio, *Radio and Print Interview*, 27 February 2020

Grappling with coronavirus, Tokyo Olympic leaders have no good options, New York Times, *Print Interview* 26 February 2020

Can a coronavirus pandemic even be stopped? US warns of 'severe' disruptions, USA Today, *Print Interview* 25 February 2020

Coronavirus-infected Americans flown home against CDC's advice, Washington Post, *Print Interview*, 20 February 2020

Lack of coronavirus info 'problematic': China reporting methods under scrutiny as US cases hit 15, USA Today, *Print Interview*, 13 February 2020

Coronavirus came from bats or possibly pangolins amid acceleration of new zoonotic infections, Washington Post, *Print Interview*, 7 February 2020

Coronavirus scare you? Flu should scare you more, NPR: South Carolina Public Radio, *Radio Interview*, 5 February 2020

A deadly virus is spreading from state to state and has infected million Americans so far. It's influenza., CNN, *Print Interview*, 30 January 2020

Coronavirus cases in US should not cause mass panic, experts warn: 'You are more at risk for the flu', Fox News, *Print Interview*, 29 January 2020

Must-know vocab for Wuhan coronavirus: From droplets to zoonotic, NPR, *Print Interview*, 28 January 2020

Tracking the coronavirus' spread, *Axios World Newsletter*, *Print Interview*, 27 January 2020

UofSC public health researcher discusses deadly Wuhan coronavirus. *ABC Columbia*, *TV Interview*, 23 January 2020

Coronavirus infections have more than doubled. Here's why the mysterious illness from China spreads so quickly. *Market Watch*, *Print Interview*, 22 January 2020

China coronavirus death toll rises to nine, confirmed cases pass 450, *The Wall Street Journal*, *Print Interview*, 22 January 2020

China coronavirus is spreading-what precautions is the U.S. taking and is there a vaccine?, *Newsweek*, *Print Interview*, 22 January 2020

Public health emergency declared over measles in anti-vax hotspot over measles in anti-vax hotspot near Portland, Oregon. *CBS News*, *Print Interview*, 23 January 2019

How remote sensing can help scientists pinpoint mosquito breeding zones and control disease. *Texas Standard*, *Print Interview*, 31 October 2018

Fight the bite: Targeting mosquito habitats using geographic information system software. *TMC Newsletter*, *Print Interview*, July 2018.

Deadly kissing bug spreads Chagas disease throughout Texas. *Corpus Christi Caller Times*, Print Interview, 25 June 2018.

Study: Phoenix has the largest number of unvaccinated kids in U.S. *KJZZ NPR The Show*, Live Radio Interview, 14 June 2018.

These 15 U.S. cities are hotspots for kids not getting vaccines. *WKYC 3*, TV Interview, 13 June 2018.

Detroit amongst top US cities not getting vaccinated. *ivaccinate*, Print Interview, 13 June 2018.

These 15 U.S. cities are hotspots for kids not getting vaccines. *USA Today*, Print Interview, 13 June 2018.

15 Metropolitan areas have large numbers of unvaccinated kindergarten students. *Medicalresearch.com*, Print Interview, 13 June 2018.

Exemptions in childhood vaccines rise in parts of the US with implications for disease risk. *Houston Style Magazine*, Print Interview, 12 June 2018.

Anti-vaccine angst: How US exemption hotspots could harm public health. *Plos Research News*, Print Interview, 12 June 2018.

Cases of Murine Typhus increasing in Texas. *The Scientist*, Print Interview, 20 March 2017.

Murine typhus-USA(TX): increase cases, geographic expansion, 2003-2013. *Outbreak Watch*, 17 March 2017

Flea-borne bacterial disease spreading wider in Texas. *Stat News*, Print Interview, 15 March 2017

Chagas disease more prevalent in US than thought. *PBS Nova Next*, Print Interview, 19 December 2016.

Researchers study prevalence of Chagas disease in Houston. *Fox 26 News Houston*, Live Television Interview, 19 July 2016.

Zika virus and Chagas disease: Interview with Experts. *Outbreak News Today*, Live Radio Interview, 20 December 2015.

Texas Standard, NPR Austin, Radio Interview, 6 October 2015.

Chagas disease: How a silent tropical parasite prospers in the US, *International Business Times*, Print Interview, 26 May 2015.

Putting Chagas Disease on the US Radar Screen, *Journal of the American Medical Association*, Print Interview, 24 March 2015.

Bed bugs, kissing bugs linked to deadly Chagas disease in US, *Scientific American*, Print Interview, 10 December 2014.

Kissing bug disease, Chikungunya, and Dengue in the US, *Healthline*, Print Interview, 20 November 2014.

Jim Harrison Show, Radio NL Kamloops BC Canada, Live Radio Interview, 14 November 2014.

Afternoons with Simon Mercep, *Radio New Zealand*, Live Radio Interview, 14 November 2014.

Outbreak News This Week, The Global Dispatch, Tampa, Florida, Live Radio Interview, 13 November 2014.

Tim Denis Morning Show, News Talk 610 CKTB, Ontario, Canada, Live Radio Interview, 13 November 2014.

Kiss of death, Snopes, Print Interview, 11 November 2014.

Chagas disease dubbed ‘New AIDS!’ How to protect yourself from ‘Kissing bug’ disease infecting 300K in US, *Latin Times*, Print Interview, 11 November 2014.

“Kissing bug disease”: What Canadians need to know about Chagas, *Global News (Canada)*, Print Interview, 10 November 2014.

“Kissing bug” disease: Should you be worried about Chagas? *The Independent*, Print Interview, 10 November 2014.

Blood-sucking ‘kissing bug’ sees 300K Americans infected with deadly disease, *Reuters*, Print Interview, 10 November 2014.

‘Kissing bug’ disease infects over 300,000 people in the US...most of whom don’t know they have the parasite referred to as ‘the new AIDS’, *UK Daily Mail*, Print Interview, 9 November 2014.

‘Kissing bug’ disease creeps into US, but symptoms often missed, *Aljazeera America*, Print Interview, 7 November 2014.

‘Kissing bugs’ spreading Chagas disease in US, *MPR*, Print Interview, 5 November 2014.

Think Ebola is Bad? Chagas, the ‘Kissing bug’ disease, is much worse and often symptomless, *Medical Daily*, Print Interview, 5 November 2014

Chagas disease-a new public health threat for Americans, *Medical News Today*, Print Interview, 5 November 2014.

“Kissing bug” makes its way into Texas, *Houston Channel 2 KRBC Nightly News*, Live Television Interview, 5 November 2014.

‘Kissing bug’ disease: Should you be worried?, *The Washington Post*, Print Interview, 5 November 2014.

Chagas disease parasite found in Texas, *Daily Rx*, Print Interview, 4 November 2014.

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