

CHRISTINE CRUDO BLACKBURN

PH.D. INTERDISCIPLINARY DOCTORAL PROGRAM

WASHINGTON STATE UNIVERSITY

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ACADEMIC APPOINTMENTS

<i>Assistant Professor</i>	<i>2023 to present</i>	Department of Health Policy & Management School of Public Health Texas A&M University
<i>Faculty Fellow</i>	<i>2023 to present</i>	USA Center for Rural Public Health Preparedness Texas A&M University
<i>Assistant Professor</i>	<i>2021 to 2023</i>	Department of Security Studies College of Criminal Justice Sam Houston State University
<i>Deputy Director</i>	<i>2019 to 2021</i>	Pandemic and Biosecurity Policy Program Bush School of Government & Public Service, Texas A&M University
<i>Postdoctoral Researcher</i>	<i>2016 to 2019</i>	Pandemic and Biosecurity Policy Program Bush School of Government & Public Service, Texas A&M University
<i>Postdoctoral Researcher</i>	<i>2015 to 2016</i>	Field Disease Investigative Unit College of Veterinary Medicine, Washington State University

EDUCATION

<i>Ph.D.</i>	<i>2011 to 2015</i>	Washington State University Ph.D., Interdisciplinary Doctoral Program, May 2015 Committee: Thomas Preston, Todd Norton, Douglas Call, William Sischo, Prabu David Fields of Study: Political Science, Communication, Veterinary Sciences
<i>Master of Arts</i>	<i>2008 to 2009</i>	Washington State University M.A., Political Science Field: Global Justice and Security Studies, emphasis in bioterrorism

Bachelor of Arts 2004 to 2008
B.A., Political Science
Global Politics option

Washington State University

PUBLICATIONS

Peer-Reviewed Journal Articles

- Lidia Azurdia Sierra and Christine Crudo Blackburn. (2023). "Kissing Chagas Disease Goodbye: Gauging Awareness Levels in the Rio Grande Valley, TX." *Current Tropical Medicine Reports*. <https://doi.org/10.1007/s40475-023-00290-z>
- Christine Crudo Blackburn and Ava Garrett. (2023). "Examining the Impacts of Title 42 in the Rio Grande Valley, Texas: Perceptions from Stakeholders in Immigrant Health and Well-Being." *Health Security*, 21(3). DOI: 10.1089/hs.2022.0162.
- Christine Crudo Blackburn, Michelle Jones, Miryoung Lee, Cici Bauer, Arturo Rodriguez, Roberto Garcia, Susan Fisher-Hoch, Joseph B. McCormick, Kehe Zhang, Ava Garrett, and Johanna Esteves. (2022). "Autoethnographic Examination of Data-Driven, Community-Tailored COVID-19 Response in Brownsville, Texas." *Journal of Humanistic Psychology*. DOI: <https://doi.org/10.1177/00221678221118708>.
- Christine Crudo Blackburn and Sayali Shelke. (2022). "The Lingering Impact of Hurricane Katrina: Examining the Physical Health, Mental Health, and Racial Equity Impacts of Disaster Response." *Journal of Emergency Management*. <https://doi.org/10.5055/jem.0629>
- Christine Crudo Blackburn, Sayali Shelke, and Sharon Zaldivar Alatorre. (2021). "Reframing Risk in the Wake of COVID-19." *Journal of Homeland Security and Emergency Management*. <https://doi.org/10.1515/jhsem-2021-0009>.
- Christine Crudo Blackburn and Lidia Azurdia Sierra. (2021) "Anti-Immigrant Rhetoric, Deteriorating Health Access, and COVID-19 in the Rio Grande Valley of Texas." *Health Security*. <https://doi.org/10.1089/hs.2021.0005>
- Dale Moore, Christine Crudo Blackburn, Josephine Afema, Diana Kinder, and William Sischo. (2021). "Describing motivation for health and treatment decisions and communication choices of calf care workers on western United States dairies." *Journal of Dairy Science*, 104(3): 3197-3209.
- Christine Crudo Blackburn, Paul E. Lenze, Jr., and Rachel Paige Casey. (2020). "Conflict and Cholera: Yemen's Man-Made Public Health Crisis." *Health Security*, 18(2). DOI: 10.1089/hs.2019.0113

Timothy Callaghan, Matthew Motta, Kristin L. Trujillo, Steven Sylvester, and Christine Crudo Blackburn. (2019). "Parent Psychology and the Decision to Delay Childhood Vaccination" *Social Science and Medicine*,
<https://doi.org/10.1016/j.socscimed.2019.112407>

Christine Crudo Blackburn. (2017). "The 'Greater Good' vs. Civil Liberties: A Case Study of Tuberculosis and Seattle's Firland Sanatorium." *Journal of Public Health Policy*.
Doi: 10.1057/s41271-017-0085-9

Helen Floren, William Sicho, Christine Crudo, Dale Moore. (2016). "Use of a digital and an Optical Brix refractometer to estimate total solids in milk replacer solutions for calves." *Journal of Dairy Science*, 99, pp. 7517-7522.

Jason McConnell and Christine Crudo. (2015). "Crisis Behavior: An exploration of theories in concert." *Journal of Emergency Management*, 13(3).

Christine Crudo Fry-Pierce and Paul E. Lenze, Jr. (2011) "Bioterrorism and U.S. Domestic Preparedness: Bureaucratic Fragmentation and American Vulnerability." *Journal of Homeland Security and Emergency Management*, 8.1, Article 39.

Pre-Print Journal Articles

Christine Crudo Blackburn, Sally Mingshuang Yan, David McCormick, Lauren Nicholas Herrera, Roumen Borilov Iordanov, Mark Daniel Bailey, Maria Elena Bottazzi, Peter J. Hotez, and Rojelio Mejia. (2023). Poverty Associated with the Environmental Contamination of Gastrointestinal Parasites in the Southern United States. *medRxiv* [preprint]. doi: <https://doi.org/10.1101/2023.01.10.23284404>.

Book Chapters

Lidia Azurdia Sierra, Sara Ali, and Christine Crudo Blackburn. "Immigrant Communities and COVID-19: How a Lack of Access Impacts Effective Pandemic Response." In *Disease and Society: Examining the Impacts of the COVID-19 Pandemic*, TAMU Press, forthcoming.

Christine Crudo Blackburn. "Assessing Binational Disease Surveillance and Prevention along the U.S.-Mexico Border." In *Migration and Border Security: Global Perspectives*, Peter Lang, 2021.

Christine Crudo Blackburn. "Preventing Spillover: Animal Vaccinations and Zoonotic Threats." In *Preparing for Pandemics in the Modern World*, TAMU Press, 2020.

Christine Crudo Blackburn. "When 'Just-in-Time' Isn't in Time: The National Security Implications of Supply Chain Disruptions during Pandemics." In *Preparing for*

Pandemics in the Modern World, TAMU Press, 2020.

Books

Christine Crudo Blackburn and Gerald W. Parker (editors). *Disease and Society: Examining the Impacts of the COVID-19 Pandemic*. TAMU Press (forthcoming March 2024).

Christine Crudo Blackburn (editor) *Preparing for Pandemics in the Modern World*, TAMU Press, 2020.

Christine Crudo Blackburn and Macey Lively. *Poverty and Neglected Tropical Diseases in the American Rural South*. Lexington Books, 2020.

Christine Crudo Blackburn and Paul E. Lenze Jr. *Syrian Forced Migration and Public Health in the European Union*. Lexington Books, 2019.

Selected Technical Papers

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. "Comprehensive After Action Report/Improvement Plan: COVID-19 Pandemic -February 2020 to July 2021." (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. "Central Office After Action Report/Improvement Plan: COVID-19 Pandemic - February 2020 to July 2021." (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. "Public Health Region 1 After Action Report/Improvement Plan: COVID-19 Pandemic -February 2020 to July 2021." (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. "Public Health Region 2/3 After Action Report/Improvement Plan: COVID-19 Pandemic-February 2020 to July 2021." (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. "Public Health Region 4/5N After Action Report/Improvement Plan: COVID-19 Pandemic -February 2020 to July 2021." (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. "Public Health Region 6/5S After Action Report/Improvement Plan:

COVID-19 Pandemic -February 2020 to July 2021.” (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, Thomas Haase, and Amanda Scarbrough. “Public Health Region 7 After Action Report/Improvement Plan: COVID-19 Pandemic -February 2020 to July 2021.” (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, Thomas Haase, and Amanda Scarbrough. “Public Health Region 8 After Action Report/Improvement Plan: COVID-19 Pandemic - February 2020 to July 2021.” (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, and Amanda Scarbrough. “Public Health Region 9/10 After Action Report/Improvement Plan: COVID-19 Pandemic -February 2020 to July 2021.” (2023). Produced for the Texas Department of State Health Services.

Lee Miller, Thomas Haase, Christine Crudo Blackburn, Magdalena Denham, Thomas Haase, and Amanda Scarbrough. “Public Health Region 11 After Action Report/Improvement Plan: COVID-19 Pandemic-February 2020 to July 2021.” (2023). Produced for the Texas Department of State Health Services.

Selected Policy Papers

Christine Crudo Blackburn. *Past Pandemics: Lessons from Past Epidemics and Pandemics*. Scowcroft Institute for International Affairs Self-Published, 2022. (available for purchase on Amazon)

Christine Crudo Blackburn. *Pandemic 20/20: The Unfolding of Scientific Understanding of COVID-19: Denton Papers*. Scowcroft Institute for International Affairs Self-Published, 2022. (available for purchase on Amazon).

Christine Crudo Blackburn and Gerald W. Parker. (2021). “Lessons from Past Epidemics And Pandemics.” White Paper.

Texas A&M University System. (2021, February). 2020 The Long Year: Lessons from the COVID-19 Pandemic and the Texas Response. (this is a multi-author paper).

Christine Crudo Blackburn, Anmol Desai, and Andrew Natsios. (2020). “COVID-19 and Seasonal Influenza: Preparing for a Collision.” White Paper.

Christine Crudo Blackburn (2019). Editor. “Community Resilience, Centralized Leadership, & Multi-Sectoral Collaboration in Pandemic Preparedness.” White Paper.

Christine Crudo Blackburn, Gerald W. Parker, and Andrew Natsios. (May 2018). “Global Leadership at a Crossroads: Are We Prepared for the Next Pandemic?” White Paper.

Christine Crudo Blackburn & Paul E. Lenze, Jr. (2017). “Forced Migration and the Spread of Infectious Disease: Impact of Syrian Refugee Movements on Disease Prevalence in the European Union.” Scowcroft Publication.

Christine Crudo Blackburn, Gerald W. Parker, and Andrew S. Natsios. (November 2017). “Could the Next Black Swan Event be a Pandemic?” *Global Development Monitor 2017*. Center for Strategic & International Studies.

Christine Crudo Blackburn, Gerald W. Parker, and Andrew S. Natsios. (2017). “The Growing Threat of Pandemics: Enhancing Domestic and International Biosecurity.” White Paper

Christine Crudo. (2017). “The Challenges of Risk Perception and Infectious Disease Response: Counteracting Inaccurate Risk Perception.” Scowcroft Publication.

Other Relevant Publications

Christine Crudo Blackburn. (March 2022). “COVID Is Here to Stay” *Scientific American*, 326: pp. 78-79. doi: 10.1038/scientificamerican0322-78.

Christine Crudo Blackburn, Andrew Natsios, and Leslie Ruyle. (2020, August 18). “What happens when COVID-19 and influenza collide? Can hospitals handle the stain?” *The Conversation*.

Christine Crudo Blackburn and Leslie Ruyle. (2020, May 27). “How leadership in various countries has affected COVID-19 response effectiveness.” *The Conversation*.

Christine Crudo Blackburn, Andrew Natsios, Gerald W. Parker, and Leslie Ruyle. (2020, Feb. 11). “The silent threat of the coronavirus: America’s dependence on Chinese pharmaceuticals.” *The Conversation*.

Christine Crudo Blackburn, Andrew Natsios, and Gerald W. Parker. (2018, August 20). “The U.S. is Not Ready for the Next Big Pandemic.” *Newsweek*

Christine Crudo Blackburn & Morten Wendelbo. (2018, March 23). “Inching closer to a world without polio.” *The Conversation*.

Christine Crudo Blackburn, Gerald W. Parker, and Morten Wendelbo. (2018, March 1). “How the 1918 flu pandemic helped advance women’s rights.” *Smithsonian Magazine*.

Morten Wendelbo & Christine Crudo Blackburn. (2018, Jan. 18). “The bad flu season has revealed a dangerous problem with our medical supply chain.” *The Washington Post*.

Christine Crudo Blackburn, Gerald W. Parker, and Morten Wendelbo. (2017, Sept. 15).
“Harvey and Irma present nearly perfect conditions for Zika-spreading mosquitoes.”
The Conversation.

Gerald W. Parker, Christine Crudo Blackburn, and Andrew S. Natsios. (2017, June 6). “How
Trump’s Global health budget endangers Americans.” *The Conversation*.

WORK-IN-PROGRESS

Article Christine Crudo Blackburn and Sanny Rivera. “A Qualitative Analysis of the
COVID-19 Response on Low-Income Residents in Cameron County, Texas:
Lessons for Future Pandemic Response.” (revise and resubmit)

Article Christine Crudo Blackburn, Jessica Hernandez, Alexander Le, Sanny Rivera,
Araceli Arroniz Osoria, Sara Ali, Farid J. Abarca Realegenço. “COVID-19
Rumors and Misinformation in Communities in Northeastern Costa Rica.”
(under review)

Article Christine Crudo Blackburn and Tasmiah Nuzhath. “‘There Ain’t Nothing Here
in Hancock County that Will Help You’: Acceptability as a Barrier to Healthcare
Access.”

Article Christine Crudo Blackburn. “Health Care Access Barriers in the Rural United
States: A Qualitative Study of Perceptions and Experiences in Low-Income
Communities of Color”

Article Christine Crudo Blackburn, Sally Mingshuang Yan, David McCormick, Lauren
Nicholas Herrera, Roumen Borilov Iordanov, Mark Daniel Bailey, Maria Elena
Bottazzi, Peter J. Hotez, and Rojelio Meijia. “Poverty and Environmental
Contamination with Gastrointestinal Parasites in the Southern United States.”

Article Christine Crudo Blackburn and Paul E. Lenze. “The Weaponization of Health:
The Evolving Norm of Medical Neutrality and Deliberate Targeting of Healthcare
in Conflict.”

Article Jessica Hernandez, Leslie Ruyle, Farid J. Abarca Realegenço, Alexander Le,
Sanny Rivera, Araceli Arroniz Osoria, Sara Ali, Edward Davilia, Kaylee
Jerman, Neha Kashyap, Kathryn Ortega, Yesenia Zavala, and Christine Crudo
Blackburn. “Impact of COVID-19 on Dengue Prevention Among Vulnerable
Populations in Costa Rica.”

Article Alexander Le, Sanny Rivera, Araceli Arroniz Osoria, Sara Ali, Jessica Hernandez
Farid J. Abarca Realegenço, and Christine Crudo Blackburn. “Health Seeking

Behavior for Dengue Infection among Vulnerable Populations in Northeastern Costa Rica.”

Grant Proposal Murray Cote, Jason Moats, Cason Schmit, Christine Crudo Blackburn, Gino Lim. “Comprehensive Data Sets to Assess Technology Capability and Use in Underserved Communities.” (submitted to NSF)

Grant Proposal Christine Crudo Blackburn, Jason Moats, Tiffany Radcliff, Ping Ma, Ashley Ross, Magdalena Denham. “Health Access and Continuity for Underserved Rural Populations following Hurricanes on the Texas Gulf Coast.” (submitted to National Institutes of Health - R01 proposal)

Grant Proposal William Sage, Cason Schmit, Garrett Sansom, Keegan Warren, Benika Dixon, Christine Crudo Blackburn, Hye-Chung Kum. “A Right to be Counted: Enhancing Syndromic Surveillance Capabilities for Vulnerable Gulf Communities.” (submitted to National Academies of Science).

GRANTS, FELLOWSHIPS, AND AWARDS

<i>Grant</i>	2023	SHSU Individual Scholarship Grant Examining the Impact of COVID-19 Vaccine Hesitancy on Hesitancy toward Routine Childhood Vaccinations \$3,587
<i>Grant</i>	2022	Scowcroft Institute for International Affairs Pandemic Preparedness and Response Research Grant Drivers of COVID-19 Vaccine Hesitancy in Nigeria, Kenya, and South Africa \$198,289
<i>Grant</i>	2022	SHSU EURECA FAST Grant Examining the Impact of Title 42 on US Security \$6,000
<i>Grant</i>	2022	SHSU College of Criminal Justice Field Impact Grant - Securitization of Health at the US-Mexico Border \$2,000
<i>Grant</i>	2021	Texas Department of State Health Services COVID-19 After Action Report \$569,154
<i>Award</i>	2021	Council for Advancement and Support of Education Gold Award, “Bush School Facebook Live Coronavirus Update with Dr. Christine Blackburn”

<i>Grant</i>	2020	Department of Homeland Security Border Health Threats -- Gap Analysis \$200,000
<i>Award</i>	2020	Bush School of Government & Public Service Bush School Merit Award
<i>Grant</i>	2020	Texas A&M University Global Engagement Grant \$25,000
<i>Grant</i>	2019	Bush School of Government & Public Service Dean's Excellence Fund \$9,000
<i>Grant</i>	2019	Scowcroft Institute for International Affairs Faculty Research Grant \$2,000
<i>Award</i>	2019	Bush School of Government & Public Service Bush School Merit Award
<i>Grant</i>	2019	School of Innovation, Texas A&M University Innovation X Grant \$50,000
<i>Grant</i>	2018	Texas A&M University Tier One Program \$300,000
<i>Grant</i>	2018	Scowcroft Institute for International Affairs Faculty Research Grant \$2,000
<i>Award</i>	2018	Bush School of Government & Public Service Bush School Merit Award

PRESENTATIONS

Conferences

International Security Association Annual Conference - 2023
Pacific Northwest Political Science Association Conference - 2022
Southern Political Science Association Annual Meeting - 2021, 2019, 2018, 2015, 2011

International Conference on Emerging Infectious Diseases - 2018
Western Political Science Association Annual Meeting - 2017
Joint Annual Meeting of ASA, ADSA, CSA, and WSASAS - 2016
Annual International Symposium on Veterinary Epidemiology and Economics - 2015
Conference of Research Workers in Animal Disease - 2013
Annual Hawaii International Conference on Social Sciences - 2012
Northeastern Political Science Association Annual Meeting - 2010

Other Panel Discussions and Presentations

South Texas One Health Symposium - 2021
The Coronavirus: What's Next; Texas A&M University panel - 2020
Preparing for Pandemics in the Modern World: 8 Lessons on Managing COVID-19's Coming Waves and Future Outbreaks; CollaborateUp panel - 2020
Summer Lecture Series; Northern Arizona University - 2020
Age of Technology: Virtual Rollout and Panel Discussion; Texas A&M University - 2020
Aggie Women's Annual Conference; Aggie Women's Association - 2020
COVID-19: International Response and Collaboration; Denton panel - 2020

TEACHING

Sam Houston State University

SCST 2363: Introduction to Homeland Security - Spring 2022
SCST 3383: Energy Security - Fall 2021
SCST 3393: Public Health and Homeland Security - Fall 2021 2022; Spring 2022, Spring 2023
SCST 3394: Global Terrorism and Homeland Security - Fall 2021
SCST 5339: Foundations of Homeland Security - Fall 2022, Spring 2023
SCST 5344: Unconventional Threats - Spring 2023

Texas A&M University

INTA 702: Infectious Disease in the Developing World - Fall 2020, 2019; Spring 2018, 2017
HPCH 625: Health of Refugees and Displaced Populations - Fall 2020, 2019, 2018
HPCH 689: Neglected Tropical Diseases - Summer 2020
INTA 689: Science and Policy - Spring 2021, 2020, 2019
INTA 689: Bioterrorism - Spring 2018, Fall 2018
INTA 689: The Social and Political Impacts of Pandemics - Fall 2017
PHLT 436: Infectious Disease in the Developing World - Spring 2021, 2020, 2019
HPCH 686: Directed Research, Health of Syrian Migrants - Spring 2020
INTA 685: Directed Studies, Conflict and Health - Spring 2018

Blinn College

GOVT 2305: American Government - Fall 2020, 2019, 2018; Spring 2021; Summer 2020
GOVT 2306: Texas Government - Fall 2017, Spring 2018, 2019, 2020

Washington State University

POLS 103: Introduction to International Politics - Spring 2012, 2013

SERVICE

Sam Houston State University

2022-2023 College of Criminal Justice Dean's Research Task Force
2022 Section Editor, Current Tropical Medicine Reports
2021-2023 College of Criminal Justice Curriculum Committee

Texas A&M University

2021 Section Editor, Current Tropical Medicine Reports
2021 SCONA advisor
2021 One Health Student Association Outbreak Simulation advisor
2020 TAMU Mentoring Up
2020 DeBakey Executive Research Leadership Program
2020 Section Editor, Current Tropical Medicine Reports
2020 SCONA advisor
2019 SCONA advisor

REFERENCES

Andrew Natsios
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Leslie Ruyle, Ph.D.
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Gerald W. Parker, Ph.D.
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Paul E. Lenze, Ph.D.
Senior Lecturer
Department of Politics and International Affairs
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