

Jeff Schlegelmilch, MPH, MBA

EMPLOYMENT HISTORY

Director, National Center for Disaster Preparedness at Columbia University | Earth Institute (6/2020 - present); Research Scholar, National Center for Disaster Preparedness at Columbia University | Earth Institute (2/2020 - present)

Executive Advisor, Quanta Technology LLC (5/2021 – Present)

Owner/Proprietor, Schlegelmilch Advisers LLC (9/2020 – Present)

**Deputy Director, (promoted from Managing Director for Strategic Planning & Operations, 11/2015)
National Center for Disaster Preparedness at Columbia University | Earth Institute (8/2014 – 6/2020)**

**Manager, Emergency Management Services / International and Non-Healthcare Business Sector
Yale New Haven Health System Center for Emergency Preparedness and Disaster Response (2/2011 – 8/2014)**

**Program Manager, Emergency Management Planning Services
Yale New Haven Health System Center for Emergency Preparedness and Disaster Response (11/2008 – 02/2011)**

**Drills and Exercise Specialist
Yale New Haven Health System Center for Emergency Preparedness and Disaster Response (12/2007 – 11/2008)**

**Epidemiologist
Communicable Disease Control Division, Boston Public Health Commission (10/2006 – 12/2007)**

**Project Manager
Office of Public Health Preparedness, Boston Public Health Commission (1/2005 - 10/2006)**

BOARDS AND VOLUNTEER POSITIONS

**Advisory Board Member
Meishan California Smart City Institute Advisory Board (MCSC-I) (2/2021 – present)**

**Defy:Disaster Advisory Council Member
Entertainment Industry Foundation (2/2021 – present)**

Advisory Council Member

Center for Disaster Philanthropy – (8/2020 – present)

**Commissioner
Sustainability Commission, Manchester, CT (8/2020 – present)**

**Deputy Editor
Journal of Disaster Medicine and Public Health Preparedness (8/2019 – 4/2021)**

**Advisor – Community Resilience and Health & Safety Sectors
Westchester County Climate Change Task Force (December 2019 – present)**

**Member
Sustainability Task Force Manchester, CT (3/2019 – 2/2020)**

**Well Concept Advisor - Community
International Well Building Institute (Appointment term 7/2018 – 12/2019)**

**Associate Editor
International Journal of Disaster Response and Emergency Management (1/2018 – present)**

**Guest Editor – Serial Hurricanes Special Issue
Journal of Disaster Medicine and Public Health Preparedness (10/2017 – 7/2019)**

**Content Expert Panel - National Healthcare Disaster
American Nurses Credentialing Center (Appointment term 8/2016 – 12/2019)**

**Resilient Partner Network – Communications Advisory Board
Federal Emergency Management Agency (3/2016 – 12/2019)**

**Senior Advisor and Technical Advisory Board Member
Trek Medics International (7/2014 – Present)**

EDUCATION

**Master of Business Administration (Awarded 8/2014)
Quinnipiac University**

**Master of Public Health - Health Policy and Management (Awarded 5/2005)
University of Massachusetts Amherst**

**Bachelor of Fine Arts - Theatre Studies with minor in Sociology (Awarded 6/2002
with High Honors)
DePaul University**

REPORTS, PEER REVIEWED PUBLICATIONS, ABSTRACTS, ACADEMIC BLOGS

Schlegelmilch, Ratner, Kushner, Aguilar. An Exercise in Resilience: Testing the Bronzeville Community Microgrid. *Research Counts*. Natural Hazards Center, University of Colorado Boulder 3(13). 2021

Saxena, Ratner, **Schlegelmilch**, White, Wongsodirdjo. Integrating Data Variability into Contemporary COVID-19 Decision Support. *Disaster Medicine and Public Health Preparedness*. 2021, 1-2.

Aguilar, Kean, Kushner, Larsen, **Schlegelmilch**, Partnerships to Enable Smart Cities And Support Resiliency, *2021 IEEE Conference on Technologies for Sustainability (SusTech)*, 2021, pp. 1-4.

Aguilar, Kushner, Ortega, Paaso, Ratner, **Schlegelmilch**, Using Analytics to Inform Post-Pandemic Resiliency Strategy, *2021 IEEE Conference on Technologies for Sustainability (SusTech)*, 2021, pp. 1-4.

Ratner, **Schlegelmilch**, Samur, Sury, Esposito, Tolsdorf, Marquez, Kamidola. RCRC Issue Briefs: Why Children Should be the #1 Disaster Priority. *National Center for Disaster Preparedness at Columbia University's Earth Institute, Issue Briefs*. April 2021

Schlegelmilch, Stripling, Chandler, Marx, Gu. Establishing a Foundation for Performance Measurement for Local Public Health Preparedness. *Disaster Medicine and Public Health Preparedness*. 2021, 1-7.

Schlegelmilch, Paaso, Ratner, Saxena, White, Aguilar, Kushner, Matevosyan, Ortega, Bahramirad. Using Analytics to Support a Utility's Initial Response to the COVID-19 Pandemic Amidst an Uncertain Evidence Base. *Journal of Business Continuity and Emergency Planning*. 2021, 14 (3) 226-238.

White, **Schlegelmilch**, Ratner, Saxena, Wongsodirdjo, Aguilar, Kushner, Ortega, Paaso, Bahramirad. Current Data Gaps in Modelling Essential Worker Absenteeism due to COVID-19. *Disaster Medicine and Public Health Preparedness*. 2020, 1-4.

Schlegelmilch. Rethinking Readiness: A Brief Guide to Twenty-First Century Mega Disasters (Book). *Columbia University Press*. July 2020.

Schlegelmilch, Douglas. Initial COVID-19 closure strategies adopted by a convenience sample of U.S. school districts: Directions for future research. *Disaster Medicine and Public Health Preparedness*. 2020, 14 (3) e17-e18.

Schlegelmilch, Ratner, Bahramirad, Paaso. 2020. Lives on the Line: The Big Benefits of Microgrids in Disaster. *Research Counts*. Natural Hazards Center, University of Colorado Boulder. 3(2). 2020

Schlegelmilch, Sury. From the Ground Up: Building Child-Focused Community Resilience. *Research Counts, Special Collection on Children and Disasters, Natural Hazards Center*, University of Colorado Boulder. 3 (SC18). 2019.

- Schlegelmilch**, Sury, Brooks, Chandler. A philanthropic approach to supporting emergent disaster response and recovery. *Disaster medicine and public health preparedness*, 2019, 1-3.
- Suneja, Chandler, **Schlegelmilch**, May, Redlener. Chronic Disease After Natural Disasters: Public Health, Policy, and Provider Perspectives. *National Center for Disaster Preparedness at Columbia University's Earth Institute, Project Report*, 2018
- Jacobs-Wingo, **Schlegelmilch**, Berliner, Airall-Simon, Lang. Emergency Preparedness Training for Hospital Nursing Staff, New York City, 2012–2016, *Journal of Nursing Scholarship*, 2018
- Kirsch, **Schlegelmilch**, Strauss-Riggs, Chandler, Redlener. Regions Respond to Catastrophes. *Disaster Medicine and Public Health Preparedness*, 2017, 11(4), 399-401.
- Schlegelmilch**, Petkova, Martinez, Redlener. Acts of Terrorism and Mass Violence Targeting Schools: Analysis and Implications for Preparedness in the United States. *Journal of Business Continuity and Emergency Planning*, 2017; 10 (3) 280-289
- Petkova, Martinez, **Schlegelmilch**, Redlener. Schools and Terrorism: Global Trends, Impacts and Lessons for Resilience. *Studies in Conflict & Terrorism*, 2016
- Sury, **Schlegelmilch**, Redlener. Anger Versus Fear: Perceptions of Terrorism Among the American Public. *National Center for Disaster Preparedness at Columbia University's Earth Institute, Polling Brief* 2016; 1
- Petkova, **Schlegelmilch**, et al. The American Preparedness Project: Where the US Public Stands in 2015. *National Center for Disaster Preparedness at Columbia University's Earth Institute, Research Brief* 2016; 2
- Chandler, Abramson, Panigrahi, **Schlegelmilch**, Gallant. Crisis Decision-Making During Hurricane Sandy: An Analysis of Established and Emergent Disaster Response Behaviors in the New York Metro Area. *Disaster Medicine and Public Health Preparedness – Superstorm Sandy Special issue* 2016; 10 (3): 436-442
- Schlegelmilch**, Gutnik, Chandler, Frye. Superstorm Sandy: Lessons for Optimizing Limited Training Resources for Local Impact. *Disaster Medicine and Public Health Preparedness – Superstorm Sandy Special Issue* 2016; 10 (3): 307-307
- Petkova, **Schlegelmilch**, et al. Children in Disasters: Do Americans Feel Prepared? A National Survey. *National Center for Disaster Preparedness at Columbia University's Earth Institute, Research Brief* 2016; 1.
- Margevicius, **et al.** The Biosurveillance Analytics Resource Directory (BARD): Facilitating the Use of Epidemiological Models for Infectious Disease Surveillance. *PLoS ONE* 2016; 11 (1) 1 - 17.
- Schlegelmilch**, Petkova, Redlener. Disaster Prepared: How federal funding in the USA supports health system and public health readiness. *Journal of Business Continuity and Emergency Planning* 2015; 9 (2) 112 - 118

Schlegelmilch, Albanese. Applying Business Intelligence Innovations to Emergency Management. *Journal of Business Continuity and Emergency Planning* 2014; 8 (1): 31-40.

Risoe, **Schlegelmilch**, Paturas. Evacuation and Sheltering of People with Medical Dependencies – Knowledge Gaps and Barriers to National Preparedness. *Homeland Security Affairs Journal* 2013; (9): Article 2.

Lenart, **Schlegelmilch**, Bergonzi-King, Schnelle, Difato, Wireman. Operational Epidemiological Modeling: A Proposed National Process. *Homeland Security Affairs Journal* 2013; (9): Article 1.

Lenart, Albanese, Halstead, **Schlegelmilch**, Paturas. Integrating Public Health and Medical Intelligence Gathering into Homeland Security Fusion Centers. *Journal of Business Continuity and Emergency Planning* 2012; 6 (2); 174-179.

Akselrod, Risoe, Mercon, **Schlegelmilch**, McGovern, Bogucki. Creating a process for incorporating epidemiological modeling into outbreak management decisions. *Journal of Business Continuity and Emergency Planning* 2012; 6(1); 68-83.

Schlegelmilch, Bergonzi-King, Lenart, Schnelle, Difato, Smith, Smith, Wireman. Summary of the Current Operational Epidemiological Modeling Landscape. *Journal of Business Continuity and Emergency Planning* 2012; 5(4);338-351.

Schlegelmilch, Smith R, Paturas. Real World Event Data Collection and Analysis for After Action Reporting. *Journal of Prehospital and Disaster Medicine* 2011; 26:s17–s18

Centers for Disease Control and Prevention. Norovirus Activity -- United States, 2006 – 2007. *MMWR* 2007;56 (33); 842-846.

National Association of County and City Health Officials. Notes from the Field: A Collection of Emergency Preparedness Exercise and Evaluation Reviews. *NACCHO* 2007.

National Association of County and City Health Officials. Pandemic Influenza Tabletop Exercise Template. *NACCHO* 2007.

Pendarvis, Miramontes, **Schlegelmilch**, Fleischauer, Gunn, Hutwagner, Barry. Analysis of Syndrome Definitions for Gastrointestinal Illness with ICD9 Codes for Gastroenteritis during the 2006-07 Norovirus Season in Boston. *Advances in Disease Surveillance* 2007;4:263.

Schlegelmilch, Gunn, Pendarvis, Donovan, Vinjé, Widdowson, Barry. Syndromic Surveillance and Enhanced Situational Awareness. *Advances in Disease Surveillance* 2007;4:191.

SELECT OPINION PIECES AND OP-EDS

Ntakou, Yanikara, **Schlegelmilch**. US Cities and Climate Change: Status and Roadmap for the Future. *IEEE Smart Cities Newsletter*. September, 2021. Available at:

<https://smartcities.ieee.org/newsletter/september-2021/us-cities-and-climate-change-status-and-roadmap-for-the-future>

Schlegelmilch. Storms are inevitable. Mass Power Outages don't have to be. *Washington Post – Perspective*. 9/2/21. Available at: <https://www.washingtonpost.com/outlook/2021/09/02/ida-grid-resilience-energy-power/>

Bahramirad, **Schlegelmilch.** The electric grid of the future requires major upgrades – we must start today. *The Hill: Contributors*; published 5/18/21, available at: <https://thehill.com/opinion/technology/554122-the-electric-grid-of-the-future-requires-major-upgrades-we-must-start>

Redlener, **Schlegelmilch.** COVID recovery must prioritize the nation's youth. *The Hill: Contributors*; published 2/18/21, available at: <https://thehill.com/opinion/healthcare/539296-covid-recovery-must-prioritize-helping-the-nations-youth>

Schlegelmilch. Revamp Disaster Management. *Columbia University Series: Biden's First 100 Days*; published 1/20/21, available at: <https://news.columbia.edu/news/revamp-disaster-management>

Schlegelmilch, Sury. To beat COVID-19, we must address a legacy of inequity and mistrust. *The Hill: Contributors*; published 1/14/21, available at: <https://thehill.com/opinion/healthcare/534046-to-beat-covid-19-we-must-address-a-legacy-of-inequity-and-mistrust>

Redlener, **Schlegelmilch, Hansen.** Biden Must Be Ready for Disaster: We Mean That Literally. *The Daily Beast*; published 12/17/20, available at: <https://www.thedailybeast.com/biden-must-be-ready-for-disaster-we-mean-that-literally>

Murphy, **Schlegelmilch.** Innovating food supply chains for COVID-19. *The Hill: Contributors*; published 11/13/20, available at: <https://thehill.com/opinion/healthcare/525887-innovating-food-supply-chains-for-covid-19>

Schlegelmilch, Paaso. Looking back won't tell us everything we need to know about grid vulnerability. *The Hill: Contributors*; published 11/4/20, available at: <https://thehill.com/opinion/energy-environment/524367-looking-backwards-wont-tell-us-everything-we-need-to-know-about>

Schlegelmilch, Carlin. From 9/11 to COVID-19: Old habits, lessons learned and work to be done. *The Hill: Contributors*; published 9/11/20, available at: <https://thehill.com/opinion/healthcare/515461-from-9-11-to-covid-19-old-habits-lessons-learned-and-work-to-be-done>

Schlegelmilch. Why it takes Why It Takes More Than Stockpiling Supplies and First Responder Training to Prepare for Megadisasters. *Columbia University Press Blog*; published 7/29/20, available at: <https://www.cupblog.org/2020/07/29/why-it-takes-more-than-stockpiling-supplies-and-first-responder-training-to-prepare-for-megadisasters-by-jeff-schlegelmilch/>

Rosner, **Schlegelmilch**. Making the Connections: COVID-19 and Climate Change. *AllianceBernstein Blog*; published 7/14/20, available at: <https://www.alliancebernstein.com/library/making-the-connections-COVID-19-and-climate-change.htm>

Schlegelmilch, Bahramirad. In Puerto Rico, a glimpse of the future of resilient energy. *The Hill: Contributors*; published 5/8/20, available at: <https://thehill.com/opinion/energy-environment/496731-in-puerto-rico-a-glimpse-of-the-future-of-resilient-energy>

Witkowski, **Schlegelmilch**. Feeling helpless at home? Try giving. *The Hill: Contributors*; published 4/7/20, available at: <https://thehill.com/opinion/white-house/491577-feeling-helpless-at-home-try-giving>

Schlegelmilch, Carlin. 4 steps Congress can take to help prevent the next big pandemic. *The Hill: Contributors*; published 3/27/20, available at: <https://thehill.com/opinion/campaign/489823-4-steps-congress-can-take-to-help-prevent-the-next-big-pandemic>

Hinderaker, **Schlegelmilch**. Grocery stores can be anchors of resilience during disasters. *The Hill: Contributors*; published 3/4/20, available at: <https://thehill.com/opinion/healthcare/485991-grocery-stores-can-be-anchors-of-resilience-during-disasters>

Carlin, **Schlegelmilch**. What coronavirus teaches us for preventing the next big bio threat; published 2/24/20, available at: <https://thehill.com/opinion/healthcare/484369-what-coronavirus-teaches-us-for-preventing-the-next-big-bio-threat>

Schlegelmilch, Redlener. California blackouts are a planned disaster. *The Hill: Contributors*; published 10/11/19, available at: <https://thehill.com/opinion/energy-environment/465362-california-blackouts-are-a-planned-disaster>

Schlegelmilch. We cannot plan for disaster recovery based on unpredictable federal aid. *The Hill: Contributors*; published 9/19/19, available at: <https://thehill.com/opinion/energy-environment/462201-we-cannot-plan-for-disaster-recovery-based-on-unpredictable>

Schlegelmilch. Deadly extreme weather is the new normal. *The Hill: Contributors*; published 5/23/19, available at: <https://thehill.com/opinion/energy-environment/445230-deadly-extreme-weather-is-the-new-normal>

Schlegelmilch, Alter. Financing catastrophe: 4 ways we pay for disasters. *The Hill: Contributors*; published 1/28/18, available at <https://thehill.com/opinion/energy-environment/427205-financing-catastrophe-4-ways-we-pay-for-disasters>

Schlegelmilch. 3 reasons Trump is wrong about California's deadly fires, and one reason he may be right. *The Hill: Contributors*; published 11/13/18, available at: <https://thehill.com/opinion/energy-environment/416523-3-reasons-trump-is-wrong-about-californias-deadly-fires-and-one>

Schlegelmilch, Sury, Redlener. As Hurricane Michael moves inland, public data can help the most vulnerable. *The Hill: Contributors*; published 10/11/18, available at:

<https://thehill.com/opinion/energy-environment/410986-as-hurricane-michael-moves-inland-public-data-can-help-the-most>

Schlegelmilch, Redlener. Five reasons not to underestimate Hurricane Florence. *The Hill: Contributors*; published 9/12/18, available at: <http://thehill.com/opinion/energy-environment/406207-five-reasons-not-to-underestimate-hurricane-florence>

Schlegelmilch. Emergency management is having a #MeToo moment. *The Hill: Contributors*; published 9/6/18, available at: <http://thehill.com/opinion/energy-environment/405366-emergency-management-is-having-a-metoo-moment>

Schlegelmilch. The 2018 Hurricane Season Is Here. We Can't Just Rely on the Federal Government to Help Us Prepare. *Fortune Commentary*; published 5/30/18, available at: <http://fortune.com/2018/05/30/2018-hurricane-season-fema/>

Schlegelmilch. Private sector can shoulder more responsibility for disaster readiness. *The Hill: Contributors*; published 3/15/18, available at: <http://thehill.com/opinion/energy-environment/378641-private-sector-can-shoulder-more-responsibility-for-disasters>

Schlegelmilch. Closing Homeland Security laboratories to build a wall puts lives in danger. *The Hill: Contributors*; published 12/13/17, available at: <http://thehill.com/opinion/national-security/364493-closing-homeland-security-laboratories-to-build-a-wall-puts-lives>

Redlener, **Schlegelmilch**. How to be ready in an age of low-tech terror: How New Yorkers should equip themselves, beyond 'see something, say something'. *New York Daily News*; published 12/12/7, available at: <http://www.nydailynews.com/opinion/ready-age-low-tech-terror-article-1.3693580>

Schlegelmilch. This Year's Hurricane Season Was the Costliest Ever. Now What? *Fortune Commentary*; published 11/30/17, available at: <http://fortune.com/2017/11/30/hurricane-season-2017-costliest-harvey-irma-maria/>

Schlegelmilch. The Biggest Test Trump Faces with Hurricane Harvey, *Fortune Insiders*; published 8/28/17, available at: <http://fortune.com/2017/08/28/hurricane-harvey-houston-trump-response/>

Schlegelmilch, Lieberman. We're not prepared for the next public health emergency. *The Hill: Contributors*; published 8/21/17, available at: <http://thehill.com/blogs/pundits-blog/healthcare/347369-were-not-prepared-for-the-next-public-health-emergency>

Redlener, **Schlegelmilch**. Homeland Security Dept. is too important to leave without a leader. *The Hill: Contributors*; published 8/5/17, available at: <http://thehill.com/blogs/pundits-blog/homeland-security/345361-homeland-security-department-is-too-important-to-leave>

Schlegelmilch, Luther, Lauer. Protecting the children - Washington County, others study response to kids' needs in disasters. *Arkansas Democrat Gazette*; published 8/2/17, available at: <http://www.nwaonline.com/news/2017/aug/02/protecting-the-children-20170802>

Schlegelmilch. Congress, learn from Zika and Ebola — Update US emergency fund. *The Hill: Contributors*; published 6/6/17, available at: <http://thehill.com/blogs/pundits-blog/healthcare/336514-congress-learn-from-zika-and-ebola-update-us-emergency-fund>

Schlegelmilch. 5 ways the president's budget blueprint could change the way we respond to disasters. *The Hill: Contributors*; published 5/3/17, available at: <http://thehill.com/blogs/pundits-blog/homeland-security/331818-5-ways-the-presidents-budget-blueprint-could-change-the>

Garbarino, **Schlegelmilch**, Smith. In a disaster, where would your kids go?. *The Journal News*; published 4/21/17, available at: <http://www.lohud.com/story/opinion/contributors/2017/04/21/disaster-where-would-your-kids-go-view/100699312/>

Schlegelmilch, Serino. Think of the children when disaster strike. *The Hill: Contributors*; published 3/25/17, available at: <http://thehill.com/blogs/pundits-blog/uncategorized/325470-think-of-the-children-when-disasters-strike>

Schlegelmilch, Carlin. Congress needs to act now to prevent another biodisaster like anthrax, Zika. *The Hill: Contributors*; published 1/30/17, available at: <http://thehill.com/blogs/pundits-blog/defense/316897-congress-needs-to-act-now-to-prevent-another-biodisaster-like>

Schlegelmilch, Redlener. Repealing without replacing the ACA will weaken national security. *The Hill: Contributors*; published 1/17/17, available at: <http://thehill.com/blogs/pundits-blog/healthcare/314651-repealing-without-replacing-the-aca-will-weaken-national>

Schlegelmilch, Redlener. 4 ways Congress can hit the reset button on disaster preparedness. *The Hill: Contributors*; published 12/17/16, available at: <http://thehill.com/blogs/pundits-blog/lawmaker-news/310840-4-ways-congress-can-hit-the-reset-button-on-disaster>

Schlegelmilch, Sehnert. 'Resilient Children/Resilient Communities': A Roadmap for National Disaster Resilience. *The Hill: Congress Blog*; published 11/7/16, available at: <http://thehill.com/blogs/congress-blog/homeland-security/304607-resilient-children-resilient-communities-a-roadmap-for>

Schlegelmilch, Redlener. On the 15th Anniversary of the 9/11 Attacks. *The NCDP Perspectives*; published 9/11/16, available at: <http://ncdp.columbia.edu/ncdp-perspectives/on-the-15th-anniversary-of-the-911-attacks/>

Redlener, **Schlegelmilch**. Domestic terror and the race for the White House. *The Hill: Contributors*; published 6/20/16, available at: <http://thehill.com/blogs/pundits-blog/homeland-security/283883-domestic-terror-and-the-race-for-the-white-house>

Schlegelmilch, Sehnert, Redlener. National investment, leadership needed for school preparedness. *The Hill: Congress Blog*; published 4/29/16, <http://thehill.com/blogs/congress-blog/278168-national-investment-leadership-needed-for-school-preparedness>

Schlegelmilch, Redlener. Zika virus: Why emergency funding is necessary, and why it shouldn't be. *The Hill: Congress Blog*; published 2/23/16, available at: <http://thehill.com/blogs/congress-blog/healthcare/270302-zika-virus-why-emergency-funding-is-necessary-and-why-it>

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Schlegelmilch. Ebola one year later: How the private sector mobilized to help stop an international crisis and why it matters. *The Hill: Congress Blog*; published 10/29/15, available at: <http://thehill.com/blogs/congress-blog/healthcare/258406-ebola-one-year-later>

Schlegelmilch, Redlener. Disaster Preparedness: In search of a better business model. *PropertyCasualty360*; published 6/24/15, available at: <http://www.propertycasualty360.com/2015/06/24/disaster-preparedness-in-search-of-a-better-busine>

Schlegelmilch. The Business Community Prepares for Ebola. *The NCDP Perspectives*; published 10/23/14, available at: <http://ncdp.columbia.edu/ncdp-perspectives/the-business-community-prepares-for-ebola/>

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