

The Action Collaborative on Disaster Research *Symposium on Pediatric Disaster Science*

Resource Guide

Session II: Setting the Stage for Disaster Research

- Web
 - American Red Cross Youth Resources in Response and Recovery (Spanish):
<https://www.redcross.org/cruz-roja/obtener-ayuda/como-prepararse/ensenar-a-los-ninos-a-prepararse-para-las-emergencias/fomento-de-la-resiliencia-en-los-ninos-mediante-habilidades-de-r.html>
- Select Journal Articles:
 - Peek, Lori. 2008. "Children and Disasters: Understanding Vulnerability, Developing Capacities, and Promoting Resilience." *Children, Youth, and Environments* 18(1): 1-29.
 - Lai, Betty S., Ann-Margaret Esnard, Sarah Lowe, and Lori Peek. 2016. "Schools and Disasters: Safety and Mental Health Assessment and Interventions for Children." *Current Psychiatry Reports* 18(12): 1-9.
 - Peek, Lori and Laura M. Stough. 2010. "Children with Disabilities in the Context of Disaster: A Social Vulnerability Perspective." *Child Development* 81(4): 1260-1270.
 - Mohammad, Lubna and Lori Peek. 2019. "Exposure Outliers: Children, Mothers, and Cumulative Disaster Exposure in Louisiana." *Journal of Family Strengths* 19(1): Article 4, <https://digitalcommons.library.tmc.edu/jfs/vol19/iss1/4>.
- Special Journal Issues:
 - Breeden, Jolie, Lori Peek, Russ Paulsen, and Rachel Adams, Editors. 2019. Special Collection on Children and Disasters. Volume 3, *Research Counts*. Boulder, CO: Natural Hazards Center, University of Colorado Boulder.
<https://hazards.colorado.edu/news/research-counts/special-collection/children-and-disasters>.
 - Peek, Lori, Guest Editor. Special Issue on Children and Disasters, Volume 18, Issue 1, *Children, Youth, and Environments*
<https://www.jstor.org/stable/10.7721/chilyoutenvi.18.issue-1>.
- Select Book Chapters:
 - Peek, Lori, David Abramson, Robin Cox, Alice Fothergill, and Jennifer Tobin. 2018 . "Children and Disasters." *Handbook of Disaster Research, 2nd ed.*, edited by H. Rodriguez, W. Donner, and J. E. Trainor, 243-262. New York: Springer.
 - Peek, Lori. 2013. "Age." *Social Vulnerability to Disasters, 2nd ed.*, edited by D. S. K. Thomas, B. D. Phillips, W. E. Lovekamp, and A. Fothergill, pp. 167-198. Boca Raton, FL: CRC Press.
- Book:
 - Fothergill, Alice and Lori Peek. 2015. *Children of Katrina*. Austin: University of Texas Press.

Session III: Prioritizing Research throughout Disaster Management Cycles To Improve Outcomes Of Children Involved In Disasters

- Web:
 - DNA Bridge: <https://www.dnabridge.org/>
- Select Journal Articles:
 - Masten, A. S., et al. (2021). Resilience in development and psychopathology: Multisystem perspectives. *Ann. Rev. Clinical Psychology*, 17, 16.1-16.29. <https://www.annualreviews.org/doi/full/10.1146/annurev-clinpsy-081219-120307>
 - Masten, A. S. (2021). Resilience of children in disasters: A multisystem perspective. *International Journal of Psychology*, 56(1), 1-11. <https://onlinelibrary.wiley.com/doi/full/10.1002/ijop.12737>
 - Masten, A. S., & Motti-Stefanidi, F. (2020). Multisystem resilience for children and youth in disaster: Reflections in the context of COVID-19. *Adversity and Resilience Science*, 1(2), 95-106. <https://doi.org/10.1007/s42844-020-00010-w>
 - Masten, A. S. et al. (2015). Children in war and disaster. In M. H. Bornstein et al. (Eds.), *Handbook of child psychology and developmental science: Ecological settings and processes in developmental systems* (7th ed., pp. 704-745). Wiley [free] <https://onlinelibrary.wiley.com/doi/full/10.1002/9781118963418.childpsy418>
 - Masten, A. S., & Narayan, A. J. (2012). Child development in the context of disaster, war and terrorism: Pathways of risk and resilience. *Annual Review of Psychology*, 63, 227-257. <https://doi.org/10.1146/annurev-psych-120710-100356>
 - <https://odihpn.org/publication/evidence-based-mental-health-integrated-disaster-preparedness-in-nepal-and-haiti/>
 - <https://emscimprovement.center/domains/preparedness/asprcoe/eqlpcdr/exercises/reunification/>
 - Newgard CD, Lin A, Goldhaber-Fiebert JD, Marin JR, Smith M, Cook JNB, Mohr NM, Zonfrillo MR, Puapong D, Papa L, Cloutier RL, Burd RS; Pediatric Readiness Study Group. Association of Emergency Department Pediatric Readiness With Mortality to 1 Year Among Injured Children Treated at Trauma Centers. *JAMA Surg*. 2022 Apr 1;157(4):e217419. doi: 10.1001/jamasurg.2021.7419. Epub 2022 Apr 13. PMID: 35107579; PMCID: PMC8811708.

Session IV: Fostering the Full Spectrum of Translational Research In Pediatric Disaster Management Plans and Activities

- Web
 - BIO COVID-19 Therapeutic Development Tracker: <https://www.bio.org/policy/human-health/vaccines-biodefense/coronavirus/pipeline-tracker>
 - Society for Research in Child Development. 2020. Understanding the Impacts of Natural Disasters on Children: <https://www.srcd.org/research/understanding-impacts-natural-disasters-children>
- Select Journal Articles:
 - Lai BS, La Greca AM, Brincks A, et al. Trajectories of Posttraumatic Stress in Youths After Natural Disasters. *JAMA Netw Open*. 2021;4(2):e2036682. doi:10.1001/jamanetworkopen.2020.36682 <https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2776439>

Session VII: Preparing the Foundation to Conduct Pediatric Disaster Research

- Web
 - STEAM:CODERS: <http://www.steamcoders.org/>
 - Resilient Children/Resilient Communities Toolbox: <https://rcrctoolbox.org/about-us/>

Session VIII: Developing and Maintaining a Registry of Networks and Scientists

- Select Journal Articles:
 - Peek, Lori, Heather Champeau, Jessica Austin, Mason Mathews, and Haorui Wu. 2020. "What Methods Do Social Scientists Use to Study Disasters? An Analysis of the Social Science Extreme Events Research (SSEER) Network." *American Behavioral Scientist* 64(8): 1066-1094.
 - Peek, Lori, Jennifer Tobin, Rachel M. Adams, Haorui Wu, and Mason Clay Mathews. 2020. "A Framework for Convergence Research in the Hazards and Disaster Field: The Natural Hazards Engineering Research Infrastructure CONVERGE Facility." *Frontiers in Built Environment*, 6, <https://www.frontiersin.org/articles/10.3389/fbuil.2020.00110/full>.
 - Ginther DK, Schaffer WT, Schnell J, Masimore B, Liu F, Haak LL, Kington R. Race, ethnicity, and NIH research awards. *Science*. 2011 Aug 19;333(6045):1015-9. doi: 10.1126/science.1196783. PMID: 21852498; PMCID: PMC3412416. <https://pubmed.ncbi.nlm.nih.gov/21852498/>
 - Eva Alisic, Jessica Roth, Vanessa Cobham, Rowena Conroy, Alexandra DeYoung, Gertrud Hafstad, Tobias Hecker, Rachel Hiller, Nancy Kassam-Adams, Betty Lai, Markus Landolt, Meghan Marsac, Soraya Seedat & David Trickey (2020) Working towards inclusive and equitable trauma treatment guidelines: a child-centered reflection, *European Journal of Psychotraumatology*, 11:1, 1833657: <https://www.tandfonline.com/doi/full/10.1080/20008198.2020.1833657>

Session IX: Leveraging Big Data for Pediatric Populations

- Select Journal Articles:
 - UPMC REMAP-COVID Group, on behalf of the REMAP-CAP Investigators. Implementation of the Randomized Embedded Multifactorial Adaptive Platform for COVID-19 (REMAP-COVID) trial in a US health system-lessons learned and recommendations. *Trials*. 2021 Jan 28;22(1):100. doi: 10.1186/s13063-020-04997-6. Erratum in: *Trials*. 2021 Feb 16;22(1):145. PMID: 33509275; PMCID: PMC7841377. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7841377/>
 - Pelletier JH, Rakkar J, Au AK, Fuhrman D, Clark RSB, Horvat CM. Trends in US Pediatric Hospital Admissions in 2020 Compared With the Decade Before the COVID-19 Pandemic. *JAMA Netw Open*. 2021;4(2):e2037227. doi:10.1001/jamanetworkopen.2020.37227 <https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2776304>
- Web:
 - Eunice Kennedy Shriver National Institute of Child Health and Human Development, Office of Data Science and Sharing: <https://www.nichd.nih.gov/about/org/od/odss#>

Session X: Funding Streams and Regulations to Help Bridge Scientific Gaps

- Web
 - The Natural Hazards Engineering Research Infrastructure: <https://www.designsafe-ci.org/>
 - CONVERGE | Natural Hazards Center: converge.colorado.edu