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Disclaimer

The opinions and assertions expressed herein are those of the author and do not necessarily reflect the official policy or position of the Uniformed Services University or the Department of Defense. The author has declared that no competing interests exist.





Quantitative Studies

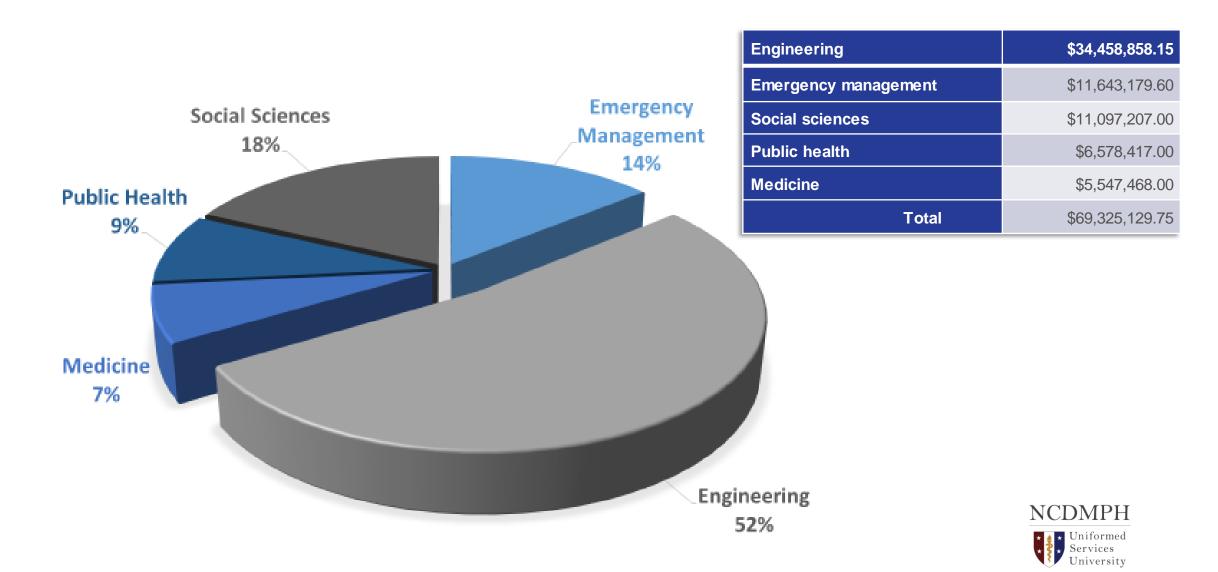
Kirsch TD, Keim M. *US governmental spending for disaster-related research, 2011-2016: Characterizing the state of science funding across five professional disciplines*. Disaster Med Public Health Prep 2019.

Keim ME, Kirsch TD, Lovallo A. *US federal government spending for research related to national public health preparedness capability standards, 2008-2017*. Disaster Med Public Health Prep 2019.



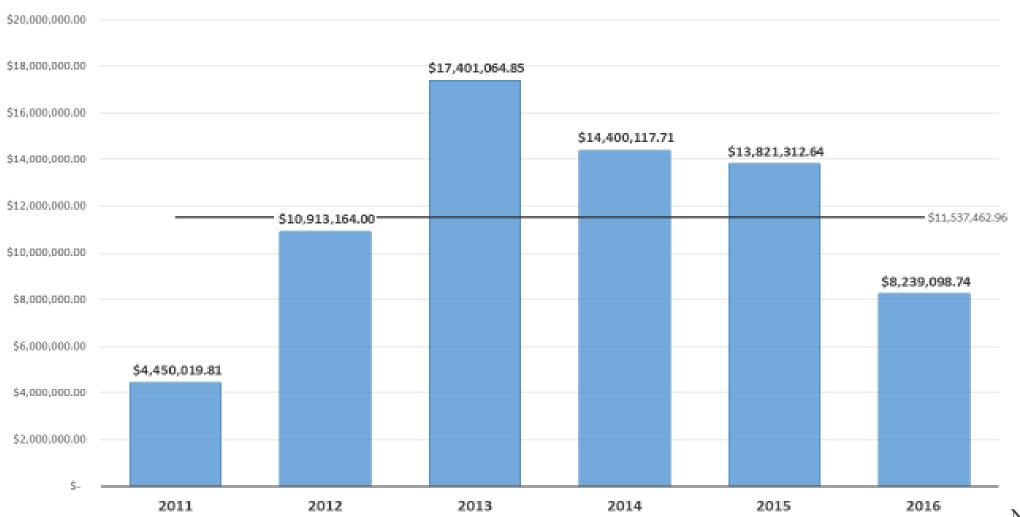


Funding by Discipline, 2011-16





Disaster Research Spending, 2011-16





Funding for disaster research as compared to other Federal health programs,

2016

National Cancer Institute \$5.3 BILLION

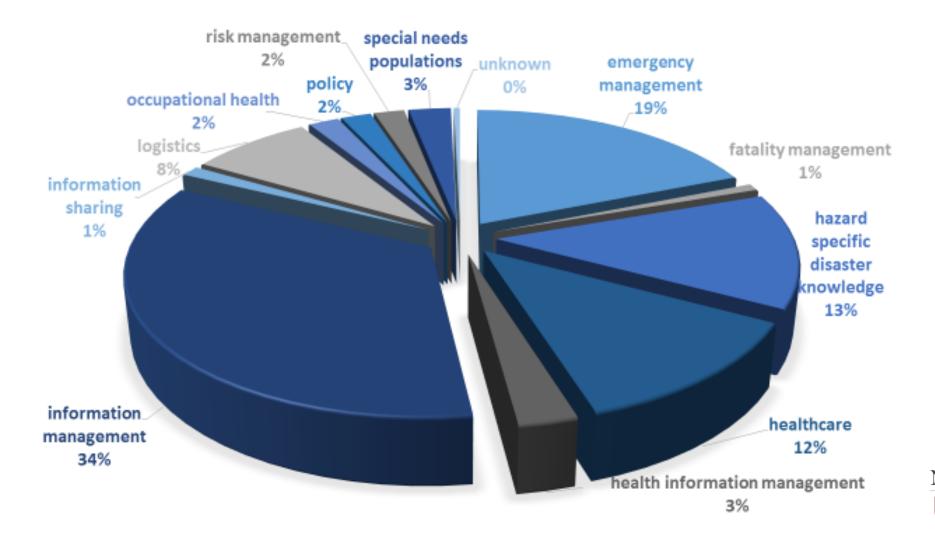
CDC PHEP \$838 Million DISASTER
HEALTH
RESEARCH
\$8 Million

NIH
\$31 BILLION
NCDMPH





Funding by Disaster Capability, 2011-16







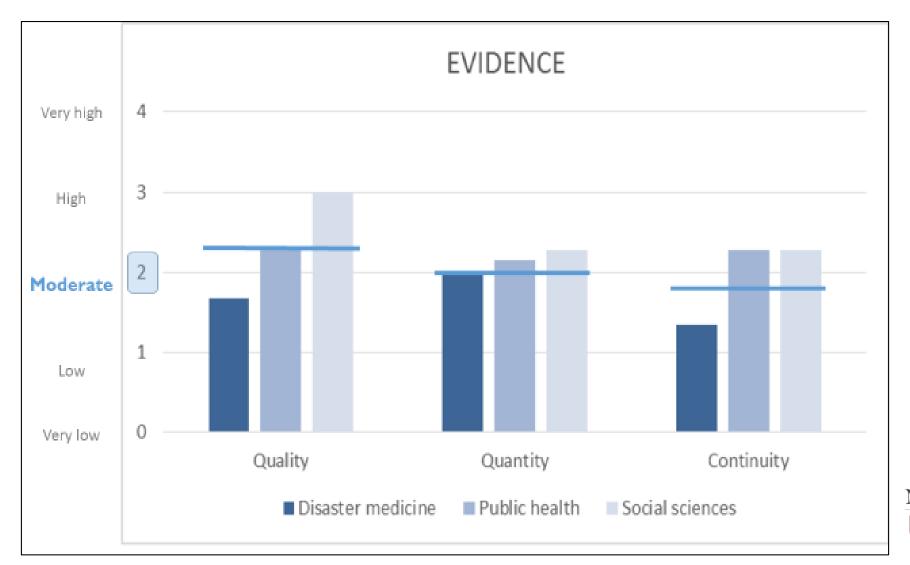
Qualitative Study

Kirsch TD, Strauss-Riggs K, Reed P, Sauer L. *Strengths, Weaknesses, Opportunities and Threats that Impact Disaster Health Research*. Am J Disaster Medicine. 2020 (in press).





Strength of Scientific Evidence by Discipline







Comments from the Experts

"The *field lurches from disaster to disaster* oftentimes losing the sustained scholarly attention that could advance the science"

"ad hoc approaches to funding for specific disaster events at the expense of the broader science"

"fickle and fluid priorities on behalf of federal state, and local leadership"

"many persons in this discipline have *little understanding of basic research* methods"

"few major advancements have been made" in disaster research





Key Themes

- Overarching theme Limited, inconsistent, and episodic funding for disaster health research.
 - Funding typically occurs in an ad-hoc, disaster event-specific manner without any consideration for previous work.
 - Funding is politically-influenced by state and federal governments.
- Critical gap An absence of theoretical and conceptual frameworks that define and shape the field.





Academic Impact

- Low quality research Many anecdotally-driven papers.
- A lack of incentive for faculty to research disasters. Tenure is more difficult because disaster health is often not seen as a legitimate sub-discipline.
- The pool of researchers is small.
- The workforce is aging and a wave of retirements is pending.
- Relationships between academia and the practice and policy partners are inconsistent and difficult to sustain.
- Interdisciplinary research is discouraged.





Thank you

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