Holly Davies   Curriculum Vitae   Houston, TX
Phone: 713-292-7023   Email: hmdavies2@uh.edu

SUMMARY OF QUALIFICATIONS

Talented professional with a proven teaching record and solid academic research skills. Holly has a passion for trauma-related research and work, especially surrounding natural hazards and the social sciences. Clinical skills include a variety of social work experiences from assessment of clients with learning disabilities and clients of all socio-economic strata and cultures to referral and detailed documentation of client progress. Recognized by President Barak Obama with the President's Volunteer Service Award Gold Level, Judge Ed Emmett, Mayors Anise Parker and Sylvester Turner for disaster relief in the Houston area. Experienced at successfully writing federal proposals and 501(C)3 applications.

SKILLS

Teaching Skills
- Provided instruction in statistics and SPSS to Ph.D. level students (2021-2023 AY). Instructed students in SPSS software for univariate and multivariate methods, and G*Power for power analyses.
- Research Methods instruction for MSW students (2024-2025) including quantitative and qualitative methodology, ethics, study design, research skills.
- Certified Texas Teacher: Generalist EC-4, Generalist 4-8, ESL K-12, Special Education K-12. Taught general and special education classes in public, private, and homeschool co-ops. Students consistently outperform peers on state exams and metrics. Subjects: Mathematics, Latin, English, Texas History, Statistics, US History, Symbolic Logic, Dyslexia interventions, Coding, Technology, and others.
- Monitored student progress and provided appropriate referrals as warranted leading to superlative educational outcomes.

Research Skills
- Developed market research project and implemented for major Houston non-profit agency, resulting in strategic changes and growth. Included questionnaire design, administration, project management, data analysis, and presentation of findings to executive and full board.
- Utilized qualitative methods to evaluate Hurricane Harvey CBPR data, using thematic coding, memoing, triangulation.
- Hurricane Harvey secondary data analysis utilizing logistic regression on factors impacting mental health degradation post disaster.
- Created multiple regression models using SEM, path analysis, Monte Carlo, and other techniques. Appropriately conducted missing data analyses using MICE and probabilistic methodologies.
- Skilled programming and utilization of software including SPSS, SPlus, Excel, R, Lavaan, MPlus, GPower, MS Access, MatLab, AQUAD, Begin Hermetic, and others. Developed programming and macros to assist major energy provider in load utilization and pricing.

Assessment Skills
- Worked with an interdisciplinary team to formulate appropriate assessments for determining the best course of action for improving the educational outcomes of special education students.
- Monitored progress of the client and established goals with the client to achieve personal progress and become a more efficacious contributor to society.
- Developed working relationships with client's support system to facilitate therapeutic success.

Case Management Skills
- Determined individual needs of the clients and made appropriate referrals to agencies for services to improve their lives.
- Managed cases of victims of natural disasters, consulted with clients and interdisciplinary teams to refer to appropriate resources to meet their psychosocial and trauma related needs.
- Determined benefits and maintained documents to qualify clients for needed services.

Documentation Skills
- Provided clear, thorough, cogent documentation suitable for auditing by government agencies.
- Developed and utilized sophisticated electronic documentation in a universal format to protect the confidentiality of client interests and maintained the highest ethical standards.

- Maintained timely documentation to ensure compliance.
- Provided metrics and statistical research to track and evaluate client outcomes.

Organizational Development Skills
- Successfully wrote major federal grants to increase security for at-risk populations.
- Completed meticulous incorporation documentation.
- Secured a 501(C)3 designation for two separate agencies allowing them to access funding to provide services.

EXPERIENCE (Houston, TX)

Instructor: UH SOCW 6305 Research and Knowledge Building in Social Work Practice	**2024 Fall**
Co-Instructor: UH SOCW 8425 Statistics and Data Analysis II, with Lab	**2022/3 Spring**
Instructor: UH SOCW 8424 Statistics and Data Analysis I Lab	**2021/2 Fall**
Research Affiliate: MH-RITES Center	**2022-present**

- Research Affiliate at the Center for Mental Health Research and Innovation in Treatment Engagement and Services (MH-RITES Center)
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Doctoral Practicum Experience: Natural Hazards Center, Boulder, CO (Virtual)   2022
- Clean, analyze, and organize Early Earthquake Warning Phase II Survey data from AK, CA, OR, WA, import into SPSS, and develop codebook for all imported and calculated variables.
- Conduct statistical test, textual analyses, and power analyses.
- Provide results of statistical analyses with appropriate tables, graphs, and plain English language.
- Evaluate social justice and barriers to implementation of Early Earthquake Warning systems in surveyed states to foster equity in vulnerable populations.

Private Consulting, Quantitative Statistics   2021-Present
- Provide quantitative statistical consulting services including data cleaning, power analysis, hypothesis development and testing, statistical analyses, SEM, and Montecarlo analyses using a variety of statistical software and programming.

MSW Practicum II: Texas Children's Hospital Psychiatry & Baylor College of Medicine   2019-2020
- Utilized CBT, Unified Protocol, Mentalization based therapies, and TGCTA to assist clients in achieving therapeutic goals, with timely documentation in EPIC software.
- Provided assessment, case management, and educational services to ensure pediatric client and family access to appropriate Houston and Harris County resources.
- Designed and implemented safety training for all pediatric nurses with social work team based on Safe Wards program, to reduce in-patient aggression and nurse/worker injury.
- Designed OCD Program with Baylor research team to educate Houston Police Department about OCD and reduce utilization of police services for non-criminal mental health related issues.
- Developed regression models, assisted Baylor research team in quantitative analyses, and literature reviews.
- Successfully provided ERP challenges to clients experience OCD at Baylor OCD clinic.

MSW Practicum I: Jewish Family Services   2018
- Assisting clients with procurement of disability or appropriate vocational employment opportunities. Client advocacy for service provision under ADA.
- Assessment, case management and follow-up to ensure client access to Houston and Harris County resources with prompt, efficient documentation in Credible Behavioral Health Software.
- Updating TWC paperwork reflecting latest statutes for successful audit completion.

Aqua General, Inc.   2006-Present
- Worked with employees, insurance brokers and businesses to select optimal health insurance plans.
- Reviewed legal documents and contracts to prevent costly litigation. Mitigated legal risk through advocacy and strategy of local and state statutes.

Chabad Outreach   **2006**
- Successfully wrote $100,000 Homeland Security Grant.
- Spearheaded team for successful completion of 501(C) IRS designation.
- Assisted in creation of formal corporation documents including board development, Articles of Incorporation, and by-laws.

Community Emergency Response Team (CERT), Willow Meadows   **2004-Present**
- Founded CERT Willow Meadows 2004.
- Facilitated CERT team training for 20+ persons.
- Managed thousands of volunteers over multiple flooding events 2015 – present.
- Recognized by President Barack Obama, Judge Ed Emmett, Mayor Anise Parker, Mayor Sylvester Turner for assistance in rescue, shelter operation, muck-and-gut, and other disaster relief services.
- Assist VOAD (Volunteer Organizations Assisting in Disaster) in flood relief efforts and planning.

EDUCATION

University of Houston Graduate College of Social Work, Ph.D. student (GPA: 3.995)	**2020-Present**
University of Houston Graduate College of Social Work MSW (GPA: 4.0)	**2020**
Rice University, Houston, TX (MBA)	**2000**
Albert-Ludwigs University Freiburg, Germany (Zwischenprüfung)	**1996**
Austin College, Sherman, TX (B.A.)	**1992**

ACADEMIC & PROFESSIONAL MEMBERSHIP

NHERI, Graduate Student Council President Emerita, Executive Committee Member	**2022-2023**
MH-RITES Research Center Affiliate	**2022-Present**
Environmental Health and Climate Justice Leadership Institute	**2022-Present**
NSF Technology Transfer Committee, Member	**2022-Present**
National Hazards Engineering Research Institute (NHERI) Technology Transfer Committee	**2022-Present**
NHERI, Graduate Student Council President	**2022-2023**
Child & Adolescent Social Work Journal, ad hoc Editor	**2021-Present**
Perspectives on Social Work Journal	**2021-Present**
Phi Alpha, UH Chapter, Board Member	**2020-Present**
ASASWEI Colloquium	**2020**
Phi Kappa Phi, National Honor Society	**2019-Present**
Phi Alpha, National Social Work Honor Society	**2019-Present**
SSWR	**2020-Present**
IOCDF	**2019-Present**
NASW	**2017-Present**
NEM, Financial & Risk Committee Chair, Executive Board, Washington D.C.	**2002–2004**

AWARDS

NSF Travel Award (Natural Hazards Research Summit)	**2022**
NSF NHERI Summer Institute Best Mock Proposal	**2022**
NSF Travel Award (NHERI Summer Institute 2022)	**2022**
GCSW Travel Award (CSWE)	**2022**
GCSW Travel Award (ASFPM 2022)	**2022**
GCSW Travel Award (SSWR 2022)	**2021**
Texas Water Quality Association Appreciation Award	**2019**
Mayoral Proclamation (Disaster Relief)	**2018**
University of Houston GCSW Research Cohort First Place	**2017**
Presidents Volunteer Service Award Gold Level	**2016**
Harris County Judge Letter of Recognition (Disaster Relief)	**2016**
Volunteer Houston Service Award (Disaster Relief)	**2016**

Mayoral Proclamation (Disaster Relief)   **2015**
City of Houston Certificate of Appreciation (FEMA Training Facilitation)   **2015**

CERTIFICATIONS and LICENSES

EHCJLA (Environmental Health & Climate Justice Leadership Academy)   **2022**
  Sacher Health Leadership Institute & Morehouse School of Medicine
FEMA IS-00300   **2022**
Texas Licensed Master Social Worker LMSW   **2021**
NCTSN Psychological First Aid   **2021**
FEMA IS-00200.C   **2021**
TGCTA Houston, TX   **2020**
FEMA IS-00700.B   **2020**
Mental Health First Aid Instructor   **2019**
AMBIT (Adaptive Mentalization-Based Integrative Treatment)   **2018**
  Anna Freud Centre, London, England
Train the Trainer Mental Health Trauma Program Certification, (JFS/NBHP/UJA NY/ITC)   **2018**
Easter Seals Legislative Advocacy for Disability Training, Houston, TX   **2018**
TEA District 101805 Testing Coordinator, Harris County, TX   **2011**
CERT Animal Response Training   **2011**
FEMA IS-00022   **2011**
FEMA ICS-00100.B   **2011**
Neuhaus Education Center (Dyslexia Training, Multiple)   **2010-2011**
CERT Training & Certification   **2011 & 2004**
Texas Education Agency Certified Teacher   **2009-Present**

INVITED CONFERENCE PRESENTATIONS

Society for Social Work and Research (SSWR)   **JAN 2024**
Billiot, S., Davies, H., et al. (2024, November 11). *Coping Skills during COVID-19 Among an Indigenous Community.* [Conference Session]. Society for Social Work and Research Annual Conference, Washington, D.C. https://secure.sswr.org/2024-conference-home/
Society for Social Work and Research (SSWR)   **JAN 2023**
Davies, H., Spencer, H., et al. (2022, November 11). *Civic Engagement throughout the Disaster Lifecycle: Hurricane Harvey and Resilience in the Houston Area.* [Conference Session]. Society for Social Work and Research Annual Conference, Washington, D.C. https://secure.sswr.org/2023-conference-home/
CSWE 2022 Annual Meeting and Conference (Council on Social Work Education)   **NOV 2022**
Davies, H. (2022, October 11). *Factors Influencing Mental Health Deterioration and Recovery after Hurricane Harvey.* [Conference Session]. Council on Social Work Education Annual Meeting and Conference, Anaheim, CA. https://www.cswe.org/events-meetings/?
Natural Hazards Research Summit (NSF/NHERI)   **OCT 2022**
Heath, T., Todorov, N., Davies, H., Jones, E., Bekkaye, J., Afolayan, O., Singh, H., & Salunke, R. (2022, October 7). *Graduate Student Panel: Lifting the Curtain of Academic Publishing in Natural Hazards Research*. [Conference Session]. Natural Hazards Research Summit, Washington, D.C. https://www.designsafe-ci.org/learning-center/training/nco/2022/natural-hazards-engineering-research-summit/program-day2/
ASFPM 2022 Annual Conference (Association of State Floodplain Managers)   **MAY 2022**
Davies, H. (2022, May 18). *Mental Health Recovery One Year After Harvey*. [Conference Session]. Association of State Floodplain Managers (ASFPM) Annual Meeting 2022, Orlando, FL. https://www.floods.org/conference/2022-asfpm-conference/2022-program-schedule/
Southwestern Social Science Association Annual Conference and Centennial Meeting   **APR 2022**
Davies, H. (2022, April 21). *Evaluating Mental Health Risk Factors After Hurricane Harvey: Contributory Factors to Mental Health Deterioration and Recovery.* [Conference Session]. Southwestern Social Science Association Annual Conference and Centennial Meeting, San Antonio, TX.

https://convention2.allacademic.com/one/sssa/sssa22/index.php?cmd=Online+Program+View+Person&selected_people_id=14314381&PHPSESSID=112jrthcf5ro23985395cjkro3

Ionescu, E., Cheung, M., Bhatt, R., Davies, H., Arora, A., & Brown, M. (2022, April 22). *Teaching Excellence: Should Social Work PhD Students Learn How to Teach? A pilot study-survey report*. [Conference Session]. Southwestern Social Science Association Annual Conference and Centennial Meeting, San Antonio, TX.
https://convention2.allacademic.com/one/sssa/sssa22/index.php?cmd=Online+Program+View+Person&selected_people_id=14314381&PHPSESSID=112jrthcf5ro23985395cjkro3

Disaster PRIMR 2022 (Preparedness, Response, Innovation, Mitigation, and Recovery)   MAR 2022

Davies, H. (2022, March 6). Long-Term Mental Health Impacts of Hurricane Harvey [Poster]. Disaster PRIMR (Preparedness, Response, Innovation, Mitigation and Recover) 2022, University of North Texas, Denton, TX. https://hps.unt.edu/2022primr

Davies, H., Fraser, R., & Webb, M. (2022, March 16). *Psychosocial Factors in Data Collection and Analysis Pre, During, and Post Disaster*. [Conference Session]. PRIMR 2022, University of North Texas, Denton, TX. https://hps.unt.edu/2022primr

SSWR   JAN 2022

Davies, H., Cheung, M., & Huang, Y.-J. (2022a, January 16). *Adolescent Preferences for Sexual Education Expressed By Hong Kong Teens*. [Conference Session]. Society for Social Work and Research Annual Conference, Washington, D.C. https://secure.sswr.org/2022-conference-home/

Davies, H., Cheung, M., & Huang, Y.-J. (2022b). Sources of Sexual Health Information: Needs vs. Wants of Chinese Adolescents in Hong Kong. [Conference Session]. Society for Social Work and Research Annual Conference, Washington, D.C. https://secure.sswr.org/2022-conference-home/

Davies, H., & Torres-Vigil, I. (2022, January 16). *Mental Health Recovery after Hurricane Harvey.* [Conference Session]. Society for Social Work and Research Annual Conference, Washington, D.C. https://secure.sswr.org/2022-conference-home/

Houston Hoarding Task Force and Network Educational Conference   FEB 2020

Davies, H. (2020, February 20). *Hoarding in Natural Disasters*. [Conference Session]. Houston Hoarding Task Force & Network: Educational Conference on Hoarding, Houston, TX. https://houstonhoardingnetwork.com/

AUTHORSHIP

Adams, R. M., **Davies, H.**, Peek, L., Mordy, M., Tobin, J., Breeden, J., McBride, S. K., & De Groot, R. M. (2024). ShakeAlert® and schools: Incorporating earthquake early warning in school districts in Alaska, California, Oregon, and Washington. *International Journal of Disaster Risk Reduction*, 112, 104735. https://doi.org/10.1016/j.ijdrr.2024.104735

Davies, H., Billiot, S., Gearing, R. (2024). Coping Skills during COVID-19 Among an Indigenous Community. 28th Annual Conference, Society for Social Work and Research (SSWR), Washington DC, Jan 2025. https://secure.sswr.org/20225-conference-home/

Davies, H., & Cheung, M. (2022). COVID-19 and First Responder Social Workers: An Unexpected Mental Health Storm. *Social Work*, 67(2), 114–122. https://doi.org/10.1093/sw/swac007

Davies, H., Cheung, M., & Huang, J. (2022, R/R). Sources of sexual health information: Needs vs. wants of Chinese adolescents in Hong Kong. Submitted on 5/26/2022.

Davies, H., Cheung, M., & Huang, Y. (2022). Adolescent preferences for sexual education expressed by Hong Kong teens. Symposium paper, 26th Annual Conference, Society for Social Work and Research (SSWR), Washington DC, Jan 14.

Davies, H., Morano, M., Lamba, K., & Aziz, M. (2021). Bylaws of the Graduate Student Council (GSC) of National Hazards Engineering Research Institute (NHERI). NHERI GSC.

Davies, H., & Torres-Vigil, I. (2022). *Mental Health Recovery after Hurricane Harvey.* Symposium Paper. Society for Social Work and Research Annual Conference (SSWR), Washington DC, Jan 14.

Huang, Y., Cheung, M., & **Davies, H.** (226633161—R1). Sex education learning motivation: Direct input from secondary schoolers in Hong Kong. Re-submitted to Sex Education (SSCI Journal Impact Factor 2021: 2.730). July 22, 2022.

Huang, Y., Cheung, M., & **Davies, H.** (2022). Motivation in learning more about sex education: Direct input from secondary school youth. Symposium paper, 26th Annual Conference, Society for Social Work and Research (SSWR), Washington DC, Jan 14.