***Curriculum vitae***

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| **Date Prepared:** | November 17, 2023 |
| **Name:** | Amy Hughes |
| **Office Address:** | 5323 Harry Hines Blvd., E5.506S  Dallas, TX 75390 |
| **Work Phone:** | (214) 648-0262 |
| **Work E-Mail:** | [AmyE.Hughes@UTSouthwestern.edu](mailto:AmyE.Hughes@UTSouthwestern.edu) |

# Education

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| --- | --- | --- | --- |
| Year | Degree  (Honors) | Field of Study  (Thesis advisor for PhDs) | Institution |
| 2016 | Ph.D. | Geospatial Information Sciences  (Daniel A. Griffith, Ph.D.) | The University of Texas at Dallas |
| 2012 | M.S. | Economics | The University of Texas at Dallas |
| 2009 | B.S. | Economics | California Polytechnic State University, San Luis Obispo |

# **Postdoctoral Training**

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| --- | --- | --- | --- |
| Year(s) | Titles | Specialty/Discipline  (Lab PI for postdoc research) | Institution |
| 2018 | Postdoctoral Research Fellow | Cancer Education and Career Development  (Sandi Pruitt, Ph.D.) | University of Texas Health Science Center at Houston |
| 2018 | Postdoctoral Research Fellow | Research  (Sandi Pruitt, Ph.D.) | University of Texas Southwestern Medical Center |

# Honors and Awards

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| Year | Name of Honor/Award | Awarding Organization |
| 2006-2009 | Athletics Scholarship | California Polytechnic State University Swimming and Diving Team |
| 2009 | Outstanding Senior Project | Economics Department, California Polytechnic State University, San Luis Obispo |
| 2011-2012 | Teaching Assistantship | Economics Department, The University of Texas at Dallas |
| 2012-2016 | Research Assistantship | Geospatial Information Sciences Department, The University of Texas at Dallas |
| 2017 | Certificate of Excellence in Reviewing | American Journal of Preventive Medicine |
| 2018 | Clinical Scholar | Texas Health Resources, Dallas, TX |
| 2019 | Research Scholar | Center for Translational Medicine, UT Southwestern, Dallas, TX |
| 2022 | Program Graduate | Leadership in Emerging Academic Departments, UT Southwestern, Dallas, TX |

# Faculty Academic Appointments

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| --- | --- | --- | --- |
| Year(s) | Academic Title | Department | Academic Institution |
| 2022-**present** | Assistant Professor | Peter O’Donnell Jr. School of Public Health | University of Texas Southwestern Medical Center |
| 2019-2022 | Assistant Professor | Population and Data Sciences | University of Texas Southwestern Medical Center |
| 2018-2019 | Assistant Professor | Clinical Sciences | University of Texas Southwestern Medical Center |
| 2019-**present** | Member | Population Science & Cancer Control | Harold C Simmons Comprehensive Cancer Center |
| 2021-**present** | Member | -- | Clinical Informatics Center |

**Committee Service (***Member, unless noted otherwise)*

|  |  |  |
| --- | --- | --- |
| Year(s) | Name of Committee | Institution/Organization |
| UTSW | | |
| 2017-2018 | Postdoctoral Association Career Development Committee | University of Texas Southwestern Medical Center |
| 2020- | COVID-19 Prediction Modeling Group | University of Texas Southwestern Medical Center |
| 2021 | School of Public Health Data Sciences Planning | University of Texas Southwestern Medical Center |
| 2021-22 | Quantitative Data Sciences Curriculum Development | University of Texas Southwestern Medical Center, Peter O’Donnell Jr. School of Public Health |
| 2023 | Faculty Affairs Visioning Workgroup | University of Texas Southwestern Medical Center, Peter O’Donnell Jr. School of Public Health |
| National/International | | |
| 2022-present | PROSPR Steering Committee | Population-based Research to Optimize the Screening Process (NCI-funded) |

# Professional Societies

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| --- | --- |
| Dates | Society Name, member |
| 2013-**present** | Southern Regional Science Association |
| 2014-**present** | Association of American Geographers |
| 2018-**present** | American Society of Preventive Oncology |

**Grant Review Activities**

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| --- | --- | --- |
| Year(s) | Name of Review Committee | Organization |
| 2019 | Community-Based Research Awards | UT Southwestern Medical Center |
| 2020 | Community-Based Research Awards | UT Southwestern Medical Center |
| 2023 | Special Solicitation: Evaluating the Implementation and Impact of COVID-19 Pandemic-Driven Policies and Programs to Improve Children’s Health and Well-Being | Healthy Eating Research (Robert Wood Johnson Foundation) |
| 2023 | Addressing Supportive Family Policies and Programs so All Children and Adolescents in the U.S. Can Thrive: Focus on Access to Affordable Nutritious Foods, Nutrition Security, and Diet Quality, Round 13 | Healthy Eating Research (Robert Wood Johnson Foundation) |

**Editorial Activities**

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| --- | --- |
| Year(s) | Journal Name |
| Editor/Associate Editor | |
| 2023/24 | Special Issue: Implementation of GIS (Geographic Information Systems) in Health Care. *Healthcare*. 2024. |
| Editorial Board | |
| 2022-23 | *Frontiers in Sustainable Cities* |
| Ad Hoc Reviewer | |
| 2017, 2018, 2020 | *American Journal of Preventive Medicine* |
| 2017 | *Annals of the American Association of Geographers* |
| 2019, 2020 | *Annals of Epidemiology* |
| 2023 | *Applied Clinical Informatics* |
| 2023 | *BMC Public Health* |
| 2019 | *Breast Cancer: Basic and Clinical Research* |
| 2016, 2021, 2022 | *Cancer Epidemiology, Biomarkers & Prevention* |
| 2017 | *Cancer Medicine* |
| 2020 | *Circulation* |
| 2022 | *Clinical Gastroenterology and Hepatology* |
| 2020 | *Clinical and Translational Gastroenterology* |
| 2017 | *Environmental Geochemistry and Health* |
| 2019 | *Epidemiology* |
| 2018 | *International Journal of Epidemiology* |
| 2018 | *International Journal of Geographic Information Science* |
| 2020 | *International Journal of Health Geographics* |
| 2022 | *JAMA Oncology* |
| 2022 | *Journal of Behavioral Medicine* |
| 2017, 2018 | *Medical Care* |
| 2018 | *Papers in Regional Science* |
| 2017, 2018, 2020 | *Preventing Chronic Disease* |
| 2019 | *Preventive Medicine* |
| 2016 | *The Professional Geographer* |
| 2021 | *Social Science and Medicine: Public Health* |

**Grant Support**

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| --- | --- | --- | --- |
| Present | | | |
| 1. | Grantor: | | University of California, San Francisco (NIH-NATIONAL CANCER INSTITUTE) |
| Title of Project: | | Ethnicity and Nativity in Cancer – Latino & Asian Enclaves: The ENCLAVE study [1R01CA237540-01A1] |
| Role: | | Co-Investigator (PD/PI: Shariff-Marco; Subcontract PI: Pruitt) |
| Date: | | 04/01/2020 - 03/31/2025 |
| Total direct costs: | | $751,934 |
|  |  | | |
| 2. | Grantor: | | NIH-NATIONAL CANCER INSTITUTE |
| Title of Project: | | PROSPR METRICS CISNET Collaboration Investigating Impact of Structural Racism/Discrimination on Cervical Screening Moonshot Supplement [3UM1CA221940-05S1] |
| Role: | | Principal Investigator |
| Date: | | 08/01/2022 - 03/31/2023 |
| Total direct costs: | | $243,764 |
|  |  | | |
| 3 | Grantor: | | NIH-NATIONAL CANCER INSTITUTE |
| Title of Project: | | Multi-level Optimization of the Cervical Cancer Screening Process in Diverse Settings & Populations (METRICS) [1UM1-CA221940] |
| Role: | | Contact Principal Investigator/Multiple Principal Investigator (MPIs: Tiro, Hughes, Haas, Kamineni) |
| Date: | | 04/10/2018 - 03/31/2024 |
| Total direct costs: | | $15,628,395 |
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| 4. | Grantor: | | Southwestern Health Resources |
| Title of Project: | | ID-Health: Identifying Patients in High-Risk Environments Using and Leveraging Technology for Population Health [60000540] |
| Role: | | Principal Investigator |
| Date: | | 09/01/2018-12/31/2022 |
| Total direct costs: | | $278,544.87 |
|  |  | | |
| 5. | Grantor: | | Baylor College of Medicine (NIH-NATIONAL CANCER INSTITUTE) |
| Title of Project: | | Improving outcome disparities for Hispanic children and adolescents with acute lymphoblastic leukemia [1P20CA262733-01] |
| Role: | | Co-Investigator (PD/PI: Rabin, Lupo; Subcontract PI : Pruitt) |
| Date: | | 07/01/2021-06/30/2024 |
| Total direct costs: | | $881,542 |
|  |  | | |
| 6. | Grantor: | | Baylor College of Medicine (CANCER PREVENTION & RESEARCH INST OF TX) |
| Title of Project: | | Exploring the biological basis of ethnic and social disparities in pediatric acute lymphoblastic leukemia (ALL) outcomes [RP210075] |
| Role: | | MPI/Subcontract PI |
| Date: | | 08/31/2021- 08/30/2023 |
| Total direct costs: | | $50,434 |
|  |  | | |
| 7. | Grantor: | | Baylor College of Medicine |
| Title of Project: | | Racial and ethnic disparities, neighborhood socioeconomic status, and DNA methylation in post-treatment obesity among pediatric ALL survivors [5P20CA262733-02] |
| Role: | | Principal Investigator |
| Date: | | 8/1/2022 – 7/31/2023 |
| Total direct costs: | | $49,509 |
|  |  | | |
| 8. | Grantor: | University of North Carolina Charlotte (NATIONAL SCIENCE FOUNDATION | |
| Title of Project: | Residential Mobility: Implications for the Accuracy of Disease Cluster Detection [2215114] | |
| Role: | Co-Investigator/ Subcontract PI | |
| Date: | 1/1/2023 – 8/31/2025 | |
| Total direct costs: | $12,687 | |

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| 9. | Grantor: | NIH-NATIONAL CANCER INSTITUTE |
| Title of Project: | Comparative Modeling to Inform Cervical Cancer Control Policies [3U01CA253912-04S1] |
| Role: | Co- Investigator (PI: Kim) |
| Date: | 09/01/2021 - 08/31/2022 |
| Total direct costs: | $157,002 |
| 10. | Grantor: | CANCER PREVENTION & RESEARCH INST OF TX |
| Title of Project: | BSPAN4: Breast screening and patient navigation for rural underserved women across North Texas [PP180018] |
| Role: | Contact PI (Previous PI: Lee; Previous role: Co-I) |
| Date: | 8/1/2018-8/31/2022 |
| Total direct costs: | $1,349,700 |
| 11. | Grantor: | University of Kentucky Center for Poverty Research/Feeding America |
| Title of Project: | Ranking the Association between Food Insecurity and Indicators of Population Health: Exploring Heterogeneity by Counties and States |
| Role: | Co-Investigator |
| Date: | 2016-2017 |
| Total direct costs: | $30,000 |
| 12. | Grantor: | Baylor College of Medicine (CANCER PREVENTION & RESEARCH INST OF TX) |
| Title of Project: | The Early-Life Exposome and Risk of Pediatric Acute Lymphoblastic Leukemia |
| Role: | Analyst |
| Date: | 2016-2017 |
| Total direct costs: | $79,922 |

**Teaching Activities**

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| Year(s) | Activity |
| Medical and graduate school didactic and small group teaching | |
| 2022 | *Secondary data analyses*. Invited lecture at UT Southwestern School of Health Professions, Advanced Research Design. |
| 2021 | *How to calculate the Yost Index: A Primer in Census Data*. Short course for GIS Data Library Group at OSPH. |
| 2019 | *Does mobile mammography help? Access to mammography for underinsured women in North Texas*. Invited lecture at UT Health, EPID 2990. |
| 2017-2018 | Course director (Adjunct/Lecturer), University of Texas at Dallas. Course: Fundamentals of GIS (Master-level), Fall semesters |
| Dissertation committees | |
| 2022 | Member – Alaina Beauchamp, PhD, University of Texas Houston School of Public Health |
| 2023 | Member – Connor Donegan, PhD, University of Texas at Dallas |
| Committees concerned with medical and graduate student education | |
| 2023 - **present** | Clinical Researcher Academy Mentoring Team, UT Southwestern Medical Center |
| 2021 | School of Public Health Data Sciences Planning |
| 2021-22 | Peter O’Donnell Jr. School of Public Health Quantitative Data Sciences Curriculum Development |
| Graduate student trainees | |
| 2019-2022 | Alaina Beauchamp, PhD, Epidemiology, University of Texas Houston School of Public Health |
| 2019-2023 | Connor Donegan, PhD, Geospatial Information Sciences, University of Texas at Dallas |
| Postdoctoral trainees | |
| 2022- | Rutu Rathod, PhD |
| 2023- | Alaina Beauchamp, PhD |

# Invited Lectures

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| Year(s) | Title | Location |
| International | | |
| 2023 | Environments and representation | 4th Symposium on Childhood Cancer Health Disparities; Houston, TX |
| National | | |
| 2021 | Neighborhood contexts in the PROSPR Consortium. | TransPROSPR Fall 2020 Science Meeting (Online) |
| 2022 | Measuring structural racism and discrimination in the PROSPR METRICS cohort. | PROSPR METRICS Fall 2022 Science Meeting; Seattle, WA |
| 2023 | Residential and Clinic Level Measures of Structural Racism & Discrimination | CisNET Modeling Science Meeting; Washington, DC (Online) |
| Regional/Local | | |
| 2020 | Visualizing the geography of COVID-19 in North Texas | Clinical Informatics Symposium –Data and Collaboration: Improving Health in North Texas (Online); Dallas, TX |
| 2021 | Visualizing COVID-19 | COVID-19 Symposium: Ongoing Basic and Clinical Research at UTSW (Online); Dallas, TX. |
| 2021 | Neighborhoods and population health | UT Southwestern President’s Advisory Board; Dallas, TX |
| 2021 | Texas Immunization Data & Uses | Texas HPV Coalition, Dallas, TX (Online). |
| 2022 | Exploring geospatial measures of socioenvironmental exposures in chronic disease | UT Southwestern Peter O’Donnell Jr. School of Public Health Brown Bag; Dallas, TX |
| 2023 | Bias in mortgage lending | 1st Annual GIS Day at Peter O’Donnell Jr. School of Public Health |

**Bibliography**

## Peer-Reviewed Publications

#### Original Research Articles

|  |  |
| --- | --- |
|  | Pruitt, S.L.; Leonard, T.; Murdoch, J.; **Hughes, A.**; McQueen, A.; Gupta, S. Neighborhood effects in a behavioral randomized controlled trial. *Health & Place* 30 (2014): 293-300. [PMCID: PMC4845650. doi: 10.1016/j.healthplace.2014.10.001. PMID: 25456014.] |
|  | Gupta, Samir; Miller, S.; Koch, M.; Berry, E.; Anderson, P.; Pruitt, S.L.; Borton, E.; **Hughes, A.E.**; Carter, E.; Hernandez, S.; Pozos, H.; Halm, E.A.; Gneezy, A.; Lieberman, A.J.; Sugg Skinner, C; Argenbright, K.; Balasubramanian, B. Financial Incentives for Promoting Colorectal Cancer Screening: A Randomized, Comparative Effectiveness Trial. *The American Journal of Gastroenterology* 111, no 11 (2016): 1630. [PMID: 27481306. doi: 10.1038/ajg.2016.286.] |
|  | Leonard, T., **Hughes, A.E.**, Pruitt, S.L. Understanding how low-socioeconomic status households cope with health shocks: An analysis of multi-sector linked data. *The Annals of the American Academy of Political and Social Science* 669, no 1 (2017): 125-145. [PMID: 28413218, PMCID: PMC5388137, doi: 10.1177/0002716216680989] |
|  | **Hughes, A.E.**; Pruitt, S.L. The Utility of EMR Address Histories for Assessing Neighborhood Exposures. *Annals of Epidemiology*, no. 1 (2017): 20-26. [PMID: 27663209; PMCID: PMC5482357; doi: 10.1016/j.annepidem.2016.07.016] |
|  | Carvour, M.; **Hughes, A**.; Fann, N.; Haley, R. Estimating the Health and Economic Impacts of Changes in Local Air Quality: Applications of an Environmental Benefits Mapping and Analysis Program. *American Journal of Public Health* 108, no S2 (2018): S151-S157. [PMID: 29698094; PMCID: PMC5922206; doi: 10.2105/AJPH.2017.304252] |
|  | Leonard, T.; **Hughes, A.E.**; Donegan, C.; Santillan, A.; Pruitt, S.L. Overlapping geographic clusters of food security and health: Where do social determinants and health outcomes converge in the U.S.? *Social Science and Medicine – Population Health* 5 (2018): 160-170. [PMID: 29998188; PMCID: PMC6039352; doi: 10.1016/j/ssmph.2018.06.006] |
|  | **Hughes, A. E.**; Tiro, Jasmin A.; Balasubramanian, B.; Sugg Skinner, C.; Pruitt, S.L. Social disadvantage, healthcare utilization, and colorectal cancer screening: Leveraging longitudinal patient address and health records data. *Cancer Epidemiology, Biomarkers & Prevention* 27, no 12 (2018): 1424-1432. [PMID: 30135072; PMCID: PMC6279539; doi: 10.1158/1055-9965.EPI-18-0446] |
|  | Murphy C.C., Ahn C., Pruitt S.L., **Hughes A.E**., Halm E.A., Gupta S., Santini N.O., McCallister K., Sanders J.M., Singal A.G., Skinner C.S. Screening initiation with FIT or colonoscopy: post-hoc analysis of a pragmatic, randomized trial. *Preventive Medicine* 118 (2019): 332-335. [PMID:30508552; PMCID: PMC6362977; doi: 10.1016/j.ypmed.2018.11.020] |
|  | Fernández-Esquer, M. E., **Hughes, A. E.**, Pruitt, S. L. Exposures at Day Labor Corners: Using Existing Location-enabled Datasets to Describe Features of Urban Environments. *Annals of Epidemiology* 39 (2019): 54-62. [PMID: 31629605, PMCID: PMC6888997, doi:10.1016/j.annepidem.2019.09.003] |
|  | Shariff‐Marco, S., Gomez, S. L., Canchola, A. J., Fullington, H., **Hughes, A. E.**, Zhu, H., Pruitt, S. L. Nativity, ethnic enclave residence, and breast cancer survival among Latinas: Variations between California and Texas. *Cancer* (2020). [PMID: 32181892, PMCID: PMC7245543, doi: 10.1002/cncr.32845] |
|  | Donegan, C.\*; Chun, Y.; **Hughes, A. E.** Bayesian estimation of spatial filters with Moran's eigenvectors and hierarchical shrinkage priors. *Spatial Statistics* 100450 (2020). [doi: 10.1016/j.spasta.2020.100450] |
|  | **Hughes, AE**; Lee, SC; Eberth, JM; Berry, E; Pruitt, SL Do mobile units contribute to spatial accessibility to mammography for uninsured women? *Preventive Medicine* 106156 (2020)*.* [PMID: 32473958; PMCID: PMC7388587; doi: 10.1016/j.ypmed.2020.106156] |
|  | Arvisais-Anhalt, S; Lehmann, C U; Park, J Y; Araj, E; Holcomb, M; Jamieson, A R; McDonald, S ; Medford, R J; Perl, T M; Toomay, S M ; **Hughes, A E**; McPheeters, M L; Basit, M. What the COVID-19 Pandemic Has Reinforced: The Need for Accurate Data. *Clinical Infectious Diseases* (2020) E-pub. [PMCID: 7665390; DOI: 10.1093/cid/ciaa1686] |
|  | Segar, MW; Rao, S; Navar, AM; Michos, ED; Lewis, A; Correa, A; Sims, M; Khera, A; **Hughes, AE**; Pandey A. County-level Phenomapping to Identify Disparities in Cardiovascular Outcomes: An Unsupervised Clustering Analysis: Unsupervised clustering of counties and risk of cardiovascular mortality. *American Journal of Preventive Cardiology* (2020): 100118. [PMCID: 8315381; doi: 10.1016/j.ajpc.2020.100118] |
|  | Crivelli JJ; Maalouf NM; Paiste HJ; Wood KD; **Hughes AE**; Oates GR; Assimos DG. Disparities in Kidney Stone Disease: A Scoping Review. *The Journal of Urology* (2021). [PMID: 33904797; doi: 10.1097/ju.0000000000001846] |
|  | Schraw, JM; Peckham-Gregory, EC; **Hughes, AE**; Scheurer, ME; Pruitt, SL; Lupo, PJ. Residence in a Hispanic Enclave is Associated with Inferior Overall Survival among Children with Acute Lymphoblastic Leukemia. *International Journal of Environmental Research and Public Health* 18.17 (2021): 9273. [PMCID: 8430860; DOI: 10.3390/ijerph18179273] |
|  | Rao, S; **Hughes, AE**; Segar, MW; Wilson, B; Ayers, C; Das, S; Halm, EA; Pandey, A. Longitudinal Trajectories and Factors Associated With US County-Level Cardiovascular Mortality, 1980 to 2014. *JAMA Network Open* 4(11): e2136022 (2021). [PMID: 34846526; doi: 10.1001/jamanetworkopen.2021.36022] |
|  | Crivelli, JJ; Redden, DT; Johnson, RD; Juarez, LD; Maalouf, NM; **Hughes, AE**; Wood, KD; Assimos, DG; Oates, GR. Associations of Obesity and Neighborhood Characteristics with Urinary Stone Parameters. *American Journal of Preventive Medicine* 63.1.1 (2022):S93-S102. [PMCID: 9219039; doi: 10.1016/j.amepre.2022.01.033] |
|  | Muñiz, JP; Woodhouse, JP; **Hughes, AE**; Pruitt, SL; Rabin, KR; Scheurer, ME; Lupo, PJ; Schraw, JM. Residence in a Latinx enclave and end-induction minimal residual disease positivity among children with acute lymphoblastic leukemia. *Pediatric Hematology and Oncology* (2022): 1-8. [PMCID: 9458766; doi: 10.1080/08880018.2022.2047850] |
|  | **Hughes, AE**; Medford, RJ; Perl, TM; Basit, MA; Kapinos, KA. District-level universal masking policies and COVID-19 incidence during first 8 weeks of school in Texas. *American Journal of Public Health* 112.6 (2022): 871-875. [PMCID: 9137026; doi: 10.2105/AJPH.2022.306769] |
|  | Diaz, M I; Hanna, JJ; **Hughes, AE**; Lehmann, CU; Medford, RJ. The Politicization of Ivermectin Tweets during the COVID-19 Pandemic. Open Forum Infectious Diseases. (2022). [PMID: 35855004, PMCID: 9290534; doi: 10.1093/ofid/ofac263] |
|  | Tavakkoli, A; Pruitt, SL; Hoang, AQ; Zhu, H; **Hughes, AE**; McKey, TA; Elmunzer, BJ; Kwon, RS; Murphy, CC; Singal, AG. Ethnic disparities in early-onset gastric cancer: a population-based study in Texas and California. *Cancer Epidemiology, Biomarkers & Prevention* 31.9 (2022): 1710-1719. [PMCID: 9444918; doi: 10.1158/1055-9965.EPI-22-0210] |
|  | Donegan, C; **Hughes, AE**; Lee, SC. Colorectal Cancer Incidence, Inequalities, and Prevention Priorities in Urban Texas: Surveillance Study With the “surveil” Software Package. *JMIR Public Health and Surveillance* 8.8 (2022): e34589. [PMCID: 9428771; doi: 10.2196/34589] |
|  | Masica, AL; Velasco, F; Nelson, TL; Medford, RJ; **Hughes, AE**; Pandey, A; Peterson, ED; Lehmann, CU. The Texas Health Resources Clinical Scholars Program: Learning Health Care System Workforce Development through Embedded Translational Research. *Learning Health Systems*. (2022): e10332. [PMID: 36263262, PMCID: PMC9576247, doi: 10.1002/lrh2.10332] |
|  | Turer RW, Martin KR, Courtney DM, Diercks DB, Chu L, Willett DL, Thakur B, **Hughes A**, Lehmann CU, McDonald SA. Real-Time Patient Portal Use Among Emergency Department Patients: An Open Results Study. *Applied Clinical Informatics*. (2022). [PMCID: 8790669; doi: 10.1001/jamanetworkopen.2021.47331] |
|  | Hong AS, **Hughes AE**, Courtney DM, Fullington H, Lee SJC, Sweetenham JW, Sadeghi N, Zhang S, Bazzell A, Halm EA. Characteristics of Self-Triaged Emergency Department Visits by Adults With Cancer. *American Journal of Managed Care* 29.9 (2023). [PMID: 37729532, doi: 10.37765/ajmc.2023.89429] |
|  | Beauchamp, AM; Lehmann, CU; Medford, RJ; **Hughes, AE**. The Association of a Geographically Wide Social Media Network on Depression: County-Level Ecological Analysis. *J Med Internet Res*. 2023 Mar 27;25:e43623. [PMID: 36972109, doi: 10.2196/43623]. |
|  | Guan, A; Pruitt, SL; Henry, KA; Lin, K; Meltzer, D; Canchola, AJ; Rathod, AB; **Hughes, AE**; Kroenke, CH; Gomez, SL; Hiatt, RA; Stroup, AM; Pinheiro, PS; Boscoe, FP; Zhu, H; Shariff-Marco, S. Asian American Enclaves and Healthcare Accessibility: An Ecologic Study Across Five States. *American Journal of Preventive Medicine* (2023). [PMID: 37429388, doi: 10.1016/j.amepre.2023.07.001, ISSN 0749-3797]. |
|  | Trentham-Dietz, A; Corley, DA; Del Vecchio, NJ; Greenlee, RT; Haas, JS; Hubbard, RA; **Hughes, AE**; Kim, JJ. Data gaps and opportunities for modeling cancer health equity. *JNCI Monographs*, no. 62 (2023): 246-254. [PMID: 3794733, doi: 10.1093/jncimonographs/lgad025] |

#### Proceedings of Meetings

|  |  |
| --- | --- |
|  | **Hughes, A.E**.; Pruitt, S.L. "Using Address Histories in Health Research: Challenges and Recommendations for Research." Proceedings of the Third ACM SIGSPATIAL International Workshop on the Use of GIS in Public Health. ACM, (2014). [doi: 10.1145/2676629.2676638] |
|  | Crivelli, JJ; Maalouf, N; Yan, P; **Hughes, AE**; Hsi, R; Canvasser, N; Kachroo, N; Leavitt, D; Wood, K; Oates, GR; Hollingsworth, J; Assimos. D. Trends in the Influence of Gender, Race, and Ethnicity on the Prevalence of Kidney Stones: A Multi-Institutional and Claims Analysis. *The Journal of Urology* 206, no. Supplement 3 (2021): e952-e952. [https://doi.org/10.1097/JU.0000000000002084.09] |

## Non-peer reviewed scientific or medical publications/materials in print or other media

|  |  |
| --- | --- |
|  | **Hughes, A. E**. Spatial Relationships in Unemployment: Los Angeles, California Polytechnic State University San Luis Obispo, 2009. |
|  | Shariff-Marco, S; Lin, K; Meltzer, D; Allen, L; Boscoe, F; Canchola, AJ; Gates Kuliszewski, M; German, S; Guan, A; Harris, G; Henry, K; Hiatt, RA; **Hughes, AE**; McGuire, V; Oh, D; Paddock, LE; Pinheiro, PS; Radadiya, HR; Reyes, S; Stroup, A; Zhu, H; Gomez, SL; Pruitt, SL. Developing measures of Asian American and Hispanic/Latino ethnic enclave for five states using U.S. Census and American Community Survey data. University of California San Francisco, San Francisco, CA; October 2021. Online available at: https://cancerregistry.ucsf.edu/resources/research-tools |