

D2D Research Publications, 2016-Present

PEER-REVIEWED PUBLICATIONS

1. Austin, R., Mathiason, M., Lindquist, R., McMahon, S., Pieczkiewicz, D., & Monsen, K. (2021). Understanding women's cardiovascular health using MyStrengths+MyHealth: a patient-generated data visualization study of strengths, challenges, and needs differences. *Journal of Nursing Scholarship*, 0(0), 1-9. doi:10.1111/jnu.12674
2. Bakker, C., Koffel, J., & Theis-Mahon, N. (2017). Measuring the health literacy of the Upper Midwest. *Journal of the Medical Library Association: JMLA*, 105(1), 34–43. <http://doi.org/10.5195/jmla.2017.105>
3. Basta, N., Becker, A., Li, Q., & Nederhoff, D. (2019). Parental awareness of Meningococcal B vaccines and willingness to vaccinate their teens. *Vaccine*, 37(4), 670-676. doi: 10.1016/j.vaccine.2018.11.078
4. Baumgarten, L., Labine, L., Dixon, C., Palma, I., Weight, C. (2016). Ability of the general public to accurately estimate survival rates for genitourinary cancer using unrestricted internet searches and online nomograms. *The Journal of Urology*, 195(4), e500. <https://doi.org/10.1016/j.juro.2016.02.1686>
5. Beehler, S., Ahern, J., Balmer, B., Kuhlman, J. (2016). Military families' perceptions of neighborhood characteristics affecting reintegration: Development of an aggregate measure. *Military Behavioral Health*, 5(1), 43-50. <https://doi.org/10.1080/21635781.2016.1243493>
6. Behan, M., Nawshin, T., Nemanich, S., Kowalski, J., Sutter, E., Francis, S., Dubinsky, J... & Gillick, B. (2020). A crossed-disciplinary evaluation of parental perceptions surrounding pediatric non-invasive brain stimulation research. *International Journal of Pharmaceutical and Healthcare*. <https://doi.org/10.1108/IJPHM-01-2020-0005>
7. Bernstein, G., Cullen, K., Harris, E., Conelea, C., Zagoloff, A., Carstedt, P., Lee, S. & Mueller, B. (2019). Sertraline effects on striatal resting-state functional connectivity in youth with OCD: a pilot study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 58(5), 486-495. doi: 10.1016/j.jaac.2018.07.897
8. Bosley, S., Bellemare, M., York, J., Umwali, L. (2019). Decision-making and vulnerability in a pyramid scheme fraud. *Journal of Behavioral and Experimental Economics*, 80, 1-13. <https://doi.org/10.1016/j.socec.2019.02.011>
9. Burgess-Champoux, T., Rosen, R., Guerrero, K., & Luecke, L. (2015). Assessment of knowledge, attitudes and behaviors associated with legume intake by parents and their children. *Journal of Nutrition Education and Behavior*, 47(4S).
10. Byiers, B., Merbler, A., Barney, C., Frenn, K., Panoskaltis-Mortari, A., Ehrhardt, M., Feyma, T...& Symons, F. (2020). Evidence of altered salivary cytokine concentrations in Rett syndrome and associations with clinical severity. *Brain, Behavior, & Immunity – Health*, 1, <https://doi.org/10.1016/j.bbih.2019.100008>
11. Calabrese, A., Cheong, A., Cheung, S., He, Y., Kwon, M. Mansfield, J., Subramanian, A., Yu, D. & Legge, G. (2016). Baseline MNREAD measures of normally sighted subjects from childhood to old age. *Investigative Ophthalmology & Visual Science*, 57, 3836-3843. <http://iovs.arvojournals.org/article.aspx?articleid=2537421>
12. Calhoun, M., Lightfoot, E., Okamoto, K., Goodenough, K. & Zheng, M. (2020) Contemporary perceptions of social work: Macro practice in the profession, *Journal of Community Practice*, DOI: 10.1080/10705422.2020.1841702
13. Calvert, C., Toomey, T., & Jones-Webb, R. (2021). Are people aware of the link between alcohol and different types of Cancer? *BMC Public Health*, 21(1), 734. doi: 10.1186/s12889-021-10780-2
14. Campagna, J., Baumgarten, L., Labine, L., Palma, I., Albersheim, J., Sathianathen, N., & Weight, C. (2019). Prostate cancer survival estimates by the general public using unrestricted internet searches and online nomograms. *European Urology Focus*, S2405-4569(19)20012-4. doi: 10.1016/j.euf.2019.01.012
15. Campbell, M., Humanki, J., & Zierhut, H. (2017). A novel approach to screening for familial hypercholesterolemia in a large public venue. *Journal of Community Genetics*, 8(1), 35–44. <http://doi.org/10.1007/s12687-016-0285-1>

16. Capizzi, R., Fisher, M., Biagianni, B., Ghiasi, N., Currie, A., Fitzpatrick, K., Albertini, N., & Vinogradov, S. (2021). Testing a novel web-based neurocognitive battery in the general community: validation and usability study. *Journal of Medical Internet Research*, 23(5). doi: 10.2196/25082
17. Chen, C., McGee, C., Rich, T., Prudente, C., Gillick, B. (2017). Reference values of intrinsic muscle strength of the hand of adolescents and young adults. *Journal of Hand Therapy*, 31(3), 348-356. <http://dx.doi.org/10.1016/j.jht.2017.05.012>
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20. Daly, S., Hanson, J., Mavanji, V., Gravely, A., Jean, J., Jonason, A., Lewis, S...McGovern, R. (2021). Using kinematics to re-define the pull test as a quantitative biomarker of the postural response in normal pressure hydrocephalus patients. *Experimental Brain Research*. <https://doi.org/10.1007/s00221-021-06292-5>
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23. Eder, M., Patten, C., Brockman, T., Hendricks, D., Valdez Soto, M., Zavala Rocha, M., Amelang, M...Balls-Berry, J. (2019). Public feedback on a proposed statewide virtual translational research community. *Journal of Clinical and Translational Science*. <https://doi.org/10.1017/cts.2019.417>
24. Ferland, L., Huffstutler, T., Rice, J., Zheng, J., Ni, S., & Gini, M. (2019). Evaluating older users' experiences with commercial dialogue systems: Implications for future design and development. *arXiv preprint arXiv:1902.04393*.
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32. Gross, A., Kaizer, A., Vock, D., Siddiqui, S., & Fox, C. (2019). Cognitive, emotional, and behavioral contributors to early childhood weight status. *Journal of Child Health Care*. doi: 10.1177/1367493519852462.
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39. Krause, M., Hudson-Smith, N., Buchman, J., & Mitchell, S. (2020). Do science blogs promote reader engagement? An experimental comparison between a blog post and traditional expository text. *SocArXiv Papers*. doi: 10.31235/osf.io.vyxdz
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41. Lee, H., Hwang, J., Ball, J., Lee, J., & Albright, D. (2019). Is health literacy associated with mental health literacy? Findings from Mental Health Literacy Scale. *Perspectives in Psychiatric Care*, 56, 393-400. Doi: 10.1111/ppc.12447
42. Lee, H., Hwang, J., Ball, J., Lee, J., Yu, Y., & Albright, D. (2020). Mental health literacy affects mental health attitude: Is there a gender difference? *American Journal of Health Behavior*, 44(3), 282-291. <https://doi.org/10.5993/AJHB.44.3.1>
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50. Mejia, K. and Yarosh, S. (2018). A nine-item questionnaire for measuring the social disfordance of mediated social touch technologies. *PACM on Human-Computer Interaction*, 1(1), Article 77. <https://doi.org/10.1145/3134712>
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MANUSCRIPTS IN REVIEW

1. Park, H. In Review at RI: Small: High Fidelity Social Signal Reconstruction in Daily Living Space NSF Robust Intelligence (IIS) Core Program.

STUDENT DISSERTATIONS, THESES & POSTERS

1. Carlson, C. (2020). Toxins Produced by *Staphylococcus aureus*. Concordia University, St. Paul Research & Scholarship Symposium, Spring 2020.
2. Castillo Jimenez, A. (2020). Identification of *Staphylococcus aureus* in State Fair Samples. Concordia University, St. Paul Research & Scholarship Symposium, Spring 2020.
3. Desai, P. (2020). What Women Want. Doctoral Thesis in Health Policy & Management. Mary Butler, Academic Advisor.
4. Dusruth, V. (2019). Consumer Behavior and Environmental Policy: Applications to Issues in Food Waste and Organics Recycling. Doctoral Thesis. Retrieved from the University of Minnesota Digital Conservancy, <http://hdl.handle.net/11299/206671>.
5. Firestone, M. (2020). Restaurants and Salmonella: Using surveillance data to improve policy development for the enhancement of food safety. Doctoral Thesis in Environmental Health Sciences. Craig Hedberg, Academic Advisor.
6. Haechten, T. (2020). *Staphylococcus aureus* Enterotoxins Presence from Samples Obtained from the Local Community. Concordia University, St. Paul Research & Scholarship Symposium, Spring 2020.
7. Holst-Wolf, J. (2018). Characterizing Proprioceptive and Haptic Function in Typically Developing Children and Individuals with Chemotherapy-related Somatosensory Impairment. Doctoral Thesis. Retrieved from the University of Minnesota Digital Conservancy, <http://hdl.handle.net/11299/209079>.
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9. Humanski, J. (2017). A Novel Approach to Screening for Familial Hypercholesterolemia in a Large Public Venue. Master's Thesis.
10. Kabage, A. (2013). Genetics-Based Research at the Minnesota State Fair: the Impacts of Public Engagement on Participatory Experience. Master's Thesis. Retrieved from the University of Minnesota Libraries Digital Conservancy, <http://hdl.handle.net/11299/165517>
11. Kriese, A. (2019). Examination of Metalinguistic Skills in 3- to 8-Year Old Children with Low Language Abilities. Master's Thesis. Lizbeth Finestack, Advisor.
12. Kriegel, A. (2018). Metalinguistic Skills of Children with Varying Language Abilities. Undergraduate Honors Thesis, Lizbeth Finestack, Advisor. Retrieved from the University of Minnesota Digital Conservancy, <http://hdl.handle.net/11299/196383>.
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14. Martin, S. (2020). Production of Superantigens in *Staphylococcus aureus* from Healthy Individuals. Concordia University, St. Paul Research & Scholarship Symposium, Spring 2020.
15. Mejia, K. (2017). A Nine-Item Questionnaire for Measuring the Social Disfardance of Mediated Social Touch Technologies. Master of Science in Mechanical Engineering. Svetlana Yarosh, Advisor. Retrieved from the University of Minnesota Libraries Digital Conservancy, <https://conservancy.umn.edu/handle/11299/190590>
16. Mendoza, M. (2020). *Staphylococcus aureus* Carriage and Characterization from the Minnesota State Fair. Concordia University, St. Paul Research & Scholarship Symposium, Spring 2020.
17. Mohamud, M. (2020). Excitatory effects of superantigens in *Staphylococcus aureus* on the immune system. Concordia University, St. Paul Research & Scholarship Symposium, Spring 2020.

18. Nawshin, T. (2018). A Crossed-Disciplinary Evaluation of Parental Perceptions Surrounding Pediatric Non-Invasive Brain Stimulation Research. Master's Thesis. Bernadette Gillick, Advisor.
19. Palm, B. (2017) Metalinguistic Skills in Children with ADHD. Master's Thesis. Lizbeth Finestack, Advisor.
20. Perttu, R. (2019). Public Acceptance/Preference for Dairy Calf Housing Systems and Perceptions of Dairy Calf Welfare. Masters Thesis. Advisor: Marcia Endres. Retrieved from the University of Minnesota Libraries Digital Conservancy, <http://hdl.handle.net/11299/208950>.
21. Price, K. (2018). Iron Deficiency, Depression, and Other Affective Disorders in Female State Fair Attendees. Master's Thesis. Daniel Gallaher, Advisor.
22. Ruprecht, M. (2016). The Determination of an Effective Smile. Department of Psychology and School of Statistics. Nathaniel Helwig, Advisor.
23. Saykao, S. (2016). Knowledge, Attitudes, and Beliefs of Agritourism and Zoonotic Diseases among Minnesota State Fair Attendees, 2016. Master's Thesis. Completed in collaboration with Carrie Klumb and Dr. Stacy Holzbauer, Minnesota Department of Health.
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26. Seiffert, D. (2015-16). Investigating the Public's Views of Actionability Based on Whole Genome Sequencing Results. Master's Thesis.
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28. Sohre, N., Adeagbo, M., Guy, S. (2017). Data-Driven Variation for Virtual Facial Expressions. Department of Computer Science & Engineering. Technical Report.
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CONTACT INFORMATION

Ellen Demerath, PhD, Co-Director, 612-624-8231

Logan Spector, PhD, Co-Director, 612-624-9312

Annie Hotop, Manager, 612-626-8590

Email: d2d@umn.edu

Website: d2d.umn.edu

Social: [@D2DMNStateFair](https://twitter.com/D2DMNStateFair)