

## RTI University Scholars Program

### Joint Publications and Presentations

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#### Kelly Evenson (2014-15)

1. [Sustaining physical activity following cardiac rehabilitation discharge](#)  
[Evenson, K. R.](#), [Ridenour, T. A.](#), [Bagwell, J.](#) & [Furberg, R. D.](#), Feb 1 2021, Research Triangle Park, NC: [RTI Press](#). 18 p. (RTI Press Research Report; No. RR-0043-2102).  
*Research output: Book/Report › RTI PRESS Publication (briefs, papers, reports)*
2. [Recruitment and retention strategies for community-based longitudinal studies in diverse urban neighborhoods](#)  
Ferris, E. B., Wyka, K., [Evenson, K. R.](#), Dorn, J. M., Thorpe, L., [Catellier, D.](#) & Huang, T. T-K., Mar 24 2021, In: [JMIR Formative Research](#). 5, 3, e18591.  
*Research output: Contribution to journal › Article › peer-review*
3. [Cardiac rehabilitation pilot intervention using the Fitbit Alta HR and tailored feedback](#)  
[Evenson, K.](#), [Furberg, R.](#) & [Bagwell, J.](#), Feb 23 2018.  
*Research output: Contribution to conference/public event › Conference poster*
4. [Establishing linkages between distributed survey responses and consumer wearable device datasets: A pilot protocol](#)  
[Brinton, J. E.](#), Keating, M. D., [Ortiz, A. M.](#), [Evenson, K. R.](#) & [Furberg, R. D.](#), Apr 27 2017, In: [JMIR Research Protocols](#). 6, 4, p. e66  
*Research output: Contribution to journal › Article › peer-review*
5. [Parent's physical activity associated with preschooler activity in underserved populations](#)  
Barkin, S. L., Lamichhane, A. P., Banda, J. A., JaKa, M. M., Buchowski, M. S., [Evenson, K. R.](#), Bangdiwala, S. I., Pratt, C., French, S. A. & Stevens, J., Apr 2017, In: [American Journal of Preventive Medicine](#). 52, 4, p. 424-432  
*Research output: Contribution to journal › Article › peer-review*
6. [Moves app: A digital diary to track physical activity and location](#)  
[Evenson, K. R.](#) & [Furberg, R. D.](#), Aug 2017, In: [British Journal of Sports Medicine](#). 51, 15, p. 1169-1170 2 p.  
*Research output: Contribution to journal › Editorial › peer-review*
7. [Assessing validity of the Fitbit indicators for US public health surveillance](#)  
[Evenson, K. R.](#), Wen, F. & [Furberg, R. D.](#), Dec 2017, In: [American Journal of Preventive Medicine](#). 53, 6, p. 931-932 2 p.  
*Research output: Contribution to journal › Article › peer-review*
8. [The Physical Activity and Redesigned Community Spaces \(PARCS\) study: Protocol of a natural experiment to investigate the impact of citywide park redesign and renovation](#)  
Huang, T. T. K., Wyka, K. E., Ferris, E. B., Gardner, J., [Evenson, K. R.](#), Tripathi, D., Soto, G. M., Cato, M. S., Moon, J., Wagner, J., Dorn, J. M., [Catellier, D. J.](#) & Thorpe, L. E., Nov 14 2016, In: [BMC Public Health](#). 16, 12 p., 1160.  
*Research output: Contribution to journal › Article › peer-review*

9. [Physical activity levels in U.S. Latino/Hispanic adults: Results from the Hispanic Community Health Study/Study of Latinos](#)  
Arredondo, E. M., Sotres-Alvarez, D., Stoutenberg, M., [Davis, S. M.](#), Crespo, N. C., Carnethon, M. R., Castañeda, S. F., Isasi, C. R., Espinoza, R. A., Daviglius, M. L., Perez, L. G. & [Evenson, K. R.](#), Apr 2016, In: [American Journal of Preventive Medicine](#). 50, 4, p. 500-508 9 p.  
*Research output: Contribution to journal › Article › peer-review*
10. [Accelerometer adherence and performance in a cohort study of US Hispanic adults](#)  
[Evenson, K. R.](#), Sotres-Alvarez, D., Deng, Y. U., Marshall, S. J., Isasi, C. R., Eslinger, D. W. & [Davis, S.](#), Apr 2015, In: [Medicine & Science in Sports & Exercise](#). 47, 4, p. 725-734 10 p.  
*Research output: Contribution to journal › Article › peer-review*
11. [Systematic review of the validity and reliability of consumer-wearable activity trackers](#)  
[Evenson, KR.](#), Goto, MM. & [Furberg, R.](#), Dec 18 2015, In: [International Journal of Behavioral Nutrition and Physical Activity](#). 12, 1, p. 159  
*Research output: Contribution to journal › Article › peer-review*
12. [Self-reported and accelerometer-measured physical activity by body mass index in US Hispanic/Latino adults: HCHS/SOL](#)  
Palta, P., McMurray, R. G., Gouskova, N. A., Sotres-Alvarez, D., [Davis, S. M.](#), Carnethon, M., Castañeda, S. F., Gellman, M. D., Hankinson, A. L., Isasi, C. R., Schneiderman, N., Talavera, G. A. & [Evenson, K. R.](#), 2015, In: [Preventive Medicine Reports](#). 2, p. 824-828 5 p.  
*Research output: Contribution to journal › Article › peer-review*

### Jason Amsden (2014-15)

13. [High current density electron emission from an electrodeposited metal nanowire array](#)  
Aloui, T., Kirley, M. P., Vick, E., Hilton, A., Colon, P., Kim, W., Parker, C. B., [Amsden, J. J.](#), Glass, J. T. & Gilchrist, K. H., Jul 1 2020, (E-pub ahead of print) In: [Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics](#). 38, 4, p. 043204 5 p., 043204.  
*Research output: Contribution to journal › Article › peer-review*
14. [Prototype coded aperture miniature mass spectrometer using a cycloidal sector mass analyzer](#)  
[Amsden, J.](#), Herr, P., Landry, D., Kim, W., Vyas, P., Horvath, K., Kirley, M., Parker, C., Keil, A., Gilchrist, K., Hall, S., Carlson, J., Baldasaro, N., Stokes, D., Edwards, S., Sperline, R., Denton, M., Stoner, B., Gehm, M. & Glass, J., Aug 19 2018, In: [Abstracts of Papers of the American Chemical Society](#). 256, 1 p.  
*Research output: Contribution to journal › Meeting abstract*
15. [Proof of concept coded aperture miniature mass spectrometer using a cycloidal sector mass analyzer, a carbon nanotube \(CNT\) field emission electron ionization source, and an array detector](#)  
[Amsden, J. J.](#), Herr, P. J., Landry, D. M. W., Kim, W., Vyas, R., Parker, C. B., Kirley, M. P., Keil, A. D., Gilchrist, K. H., Radauscher, E. J., Hall, S. D., Carlson, J. B., Baldasaro, N., Stokes, D., Di Dona, S. T., Russell, Z. E., Grego, S., Edwards, S. J., Sperline, R. P., Denton, M. B. & [3 others](#), Feb 2018, In: [Journal of the American Society for Mass Spectrometry](#). 29, 2, p. 360-372 13 p.  
*Research output: Contribution to journal › Article › peer-review*

16. [A miniature electron ionization source fabricated using microelectromechanical systems \(MEMS\) with integrated carbon nanotube \(CNT\) field emission cathodes and low-temperature co-fired ceramics \(LTCC\)](#)  
Radauscher, E. J., Parker, C. B., Gilchrist, K. H., Di Dona, S., Russell, Z. E., Hall, S. D., Carlson, J. B., Grego, S., Edwards, S. J., Sperline, R. P., Denton, M. B., Stoner, B. R., Glass, J. T. & [Amsden, J. J.](#), Nov 2017, In: [International Journal of Mass Spectrometry](#). 422, p. 162-169 8 p.  
*Research output: Contribution to journal › Article › peer-review*
17. [Coded apertures in mass spectrometry](#)  
[Amsden, J. J.](#), Gehm, M. E., Russell, Z. E., Chen, E. X., Di Dona, S. T., Wolter, S. D., Danell, R. M., Kibelka, G., Parker, C. B., Stoner, B. R., Brady, D. J. & Glass, J. T., Jun 2017, In: [Annual Review of Analytical Chemistry](#). p. 141-156 16 p.  
*Research output: Contribution to journal › Article › peer-review*
18. [A miniature electron ionization source fabricated using microelectromechanical systems \(MEMS\) with integrated carbon nanotube \(CNT\) field emission cathodes and low-temperature co-fired ceramics \(LTC\)](#)  
Radauscher, EJ., Parker, CB., Gilchrist, K., Di Dona, S., Russell, ZE., Hall, S., Carlson, J., Grego, S., Edwards, SJ., Sperline, RP., Denton, MB., Stoner, B., Glass, JT. & [Amsden, JJ.](#), Nov 4 2016, In: [International Journal of Mass Spectrometry](#). <http://dx.doi.org/10.1016/j.ijms.2016.10.021>  
*Research output: Contribution to journal › Article › peer-review*
19. [Low Temperature Co-fired Ceramic \(LTCC\)-Packaged MEMS micro-ion source for miniature mass spectrometer](#)  
Parker, C., Radauscher, E., Gilchrist, K., DiDona, S., Russell, Z., Hall, S., Carlson, J., Grego, S., Edwards, S., Sperline, R., Denton, M., Stoner, B., Glass, J. & [Amsden, J.](#), Jun 1 2016.  
*Research output: Contribution to conference/public event › Conference poster*
20. [Improved performance of field emission vacuum microelectronic devices for integrated circuits](#)  
Radauscher, EJ., Gilchrist, K., DiDona, ST., Russell, ZE., Piascik, J., [Amsden, J. J.](#), Parker, CB., Stoner, B. & Glass, JT., Sep 1 2016, In: [IEEE Transactions on Electron Devices](#). 63, 9, p. 1-8  
*Research output: Contribution to journal › Article › peer-review*
21. [Chemical ionization mass spectrometry using carbon nanotube field emission electron sources](#)  
Radauscher, EJ., Keil, AD., Wells, M., [Amsden, JJ.](#), Piascik, J., Parker, CB., Stoner, B. & Glass, JT., Nov 1 2015, In: [Journal of the American Society for Mass Spectrometry](#). 26, 11, p. 1903-1910 7 p.  
*Research output: Contribution to journal › Article › peer-review*
22. [Achieving excellence in graduate research: A guide for new graduate students](#)  
Parker, CB., [Amsden, JJ.](#), Peng, Q., Stoner, B. & Glass, JT., Oct 1 2015, In: [Advanced Science](#). 2, 10, e1500203.  
*Research output: Contribution to journal › Article › peer-review*
23. [Order of magnitude signal gain in magnetic sector mass spectrometry via aperture coding](#)  
Chen, EX., Russell, ZE., [Amsden, JJ.](#), Wolter, SD., Danell, RM., Parker, CB., Stoner, B., Gehm, ME., Glass, JT. & Brady, DJ., Sep 1 2015, In: [Journal of the American Society for Mass Spectrometry](#). 26, 9, p. 1633-1640 7 p.  
*Research output: Contribution to journal › Article › peer-review*
24. [Two-dimensional aperture coding for magnetic sector mass spectrometry](#)  
Russell, ZE., Chen, EX., [Amsden, JJ.](#), Wolter, SD., Danell, RM., Parker, CB., Stoner, B., Gehm, ME., Brady,

DJ. & Glass, JT., Feb 1 2015, In: [Journal of the American Society for Mass Spectrometry](#). 26, 2, p. 248-256 8 p.  
*Research output: Contribution to journal › Article › peer-review*

25. [Platform for integrated vacuum microelectronic circuits](#)

Gilchrist, K., Piascik, J., Stoner, B., Radauscher, E., [Amsden, J.](#), Parker, C. & Glass, J., Dec 1 2014, *Proceedings of the ASHRAE Winter Conference*. p. 155 – 156

*Research output: Chapter in Book/Report/Conference proceeding › Conference proceeding paper (full-length; published in book)*

## Miriam Braunstein (2015-16)

26. [Preclinical evaluation of inhalational spectinamide-1599 therapy against Tuberculosis](#)

Gonzalez-Juarrero, M., Lukka, P. B., Wagh, S., Walz, A., Arab, J., Pearce, C., Ali, Z., Ryman, J. T., Parmar, K., Temrikar, Z., Munoz-Gutierrez, J., Robertson, G. T., Liu, J., Lenaerts, A. J., Daley, C., Lee, R. E., [Braunstein, M.](#), [Hickey, A. J.](#) & Meibohm, B., Sep 21 2021, (E-pub ahead of print) In: [ACS Infectious Diseases](#). 7, 10, p. 2850-2863 14 p.

*Research output: Contribution to journal › Article › peer-review*

27. [Why wait? The case for treating tuberculosis with inhaled drugs](#)

[Braunstein, M.](#), [Hickey, A. J.](#) & Ekins, S., Oct 24 2019, In: [Pharmaceutical Research](#). 36, 12, 6 p., 166.

*Research output: Contribution to journal › Review article › peer-review*

28. [Development and characterization of a dry powder formulation for anti-tuberculosis drug Spectinamide 1599](#)

Stewart, I. E., Lukka, P. B., Liu, J., Meibohm, B., Gonzalez-Juarrero, M., [Braunstein, M. S.](#), Lee, R. E. & [Hickey, A. J.](#), Sep 2019, In: [Pharmaceutical Research](#). 36, 9, 13 p., 136.

*Research output: Contribution to journal › Article › peer-review*

29. [Sterilization of mycobacterium tuberculosis infected samples using methanol preserves anti-tuberculosis drugs for subsequent pharmacological testing studies](#)

Walz, A., Lukka, P. B., Pearce, C., Creissen, E., [Braunstein, M.](#), [Hickey, A. J.](#), Meibohm, B. & Gonzalez-Juarrero, M., Jul 2019, In: [Tuberculosis](#). 117, p. 52-55 4 p.

*Research output: Contribution to journal › Article › peer-review*

30. [Comparative pharmacokinetics of spectinamide 1599 after subcutaneous and intrapulmonary aerosol administration in mice](#)

Rathi, C., Lukka, P. B., Wagh, S., Lee, R. E., Lenaerts, A. J., [Braunstein, M.](#), [Hickey, A.](#), Gonzalez-Juarrero, M. & Meibohm, B., Jan 2019, In: [Tuberculosis](#). 114, p. 119-122 4 p.

*Research output: Contribution to journal › Article › peer-review*

31. [Dry powder formulations of newly-developed anti-tuberculosis drug spectinamide 1599](#)

Stewart, I. E., Arab, J., Walz, A., Gonzalez-Juarrero, M., Meibohm, B., [Braunstein, M.](#) & [Hickey, A. J.](#), Nov 2018.

*Research output: Contribution to conference/public event › Conference poster*

32. [Formulation and characterization of spray dried pyrazinoic acid dry powder toward inhaled therapies of tuberculosis](#)

Stewart, I. E., [Hickey, A. J.](#) & [Braunstein, M.](#), Nov 2018.

*Research output: Contribution to conference/public event › Conference poster*

33. [Efficacy of pyrazinoic acid dry powder aerosols in resolving necrotic and non-necrotic granulomas in a guinea pig model of tuberculosis](#)  
Montgomery, S. A., Young, E. F., Durham, P. G., Zulauf, K. E., Rank, L., Miller, B. K., Hayden, J. D., Lin, F-C., Welch, J. T., [Hickey, A. J.](#) & [Braunstein, M.](#), Sep 27 2018, In: [PLoS One](#). 13, 9, 19 p., e0204495.  
*Research output: Contribution to journal › Article › peer-review*
34. [Primary lung dendritic cell cultures to assess efficacy of spectinamide-1599 against intracellular mycobacterium tuberculosis](#)  
Santos, K., Lukka, P. B., Grzegorzewicz, A., Jackson, M., Trivedi, A., Pavan, F., Chorilli, M., [Braunstein, M.](#), [Hickey, A.](#), Meibohm, B. & Gonzalez-Juarrero, M., Aug 21 2018, In: [Frontiers in Microbiology](#). 9, p. 1895 11 p., 1895.  
*Research output: Contribution to journal › Article › peer-review*
35. [Pyrazinoic acid and ester dry powder aerosol for pulmonary tuberculosis therapy](#)  
Durham, P., Young, E., [Braunstein, M.](#), Welch, J. & [Hickey, A.](#), Jun 2017, In: [Journal of Aerosol Medicine and Pulmonary Drug Delivery](#). 30, 3, p. 22-23 2 p.  
*Research output: Contribution to journal › Meeting abstract*
36. [Achieving the optimal vaginal state: Using vaginal products and study gels in Uganda, Zimbabwe, and South Africa](#)  
Duby, Z., Mensch, B., [Hartmann, M.](#), [Montgomery, E.](#), Mahaka, I., Bekker, L-G. & van der Straten, A., Mar 27 2017, In: [International Journal of Sexual Health](#). 29, 3, p. 247-257 11 p., 1931-762X.  
*Research output: Contribution to journal › Article › peer-review*
37. [Disposable dosators for pulmonary insufflation of therapeutic agents to small animals](#)  
Durham, P. G., Hanif, S. N., Contreras, L. G., Young, E. F., [Braunstein, M. S.](#) & [Hickey, A. J.](#), Mar 2017, In: [Journal of Visualized Experiments](#). 121, 6 p., e55356.  
*Research output: Contribution to journal › Article › peer-review*
38. [A dry powder combination of pyrazinoic acid and its n-propyl ester for aerosol administration to animals](#)  
Durham, P. G., Young, E. F., [Braunstein, M. S.](#), Welch, J. T. & [Hickey, A. J.](#), Dec 5 2016, In: [International Journal of Pharmaceutics](#). 514, 2, p. 384-391 8 p.  
*Research output: Contribution to journal › Article › peer-review*
39. [Inhaled pyrazinoic acid esters for the treatment of tuberculosis](#)  
Young, E. F., Perkowski, E., Malik, S., Hayden, J. D., Durham, P. G., Zhong, L., Welch, J. T., [Braunstein, M. S.](#) & [Hickey, A. J.](#), Oct 2016, In: [Pharmaceutical Research](#). 33, 10, p. 2495-2505 11 p.  
*Research output: Contribution to journal › Article › peer-review*
40. [A comparison of the anti-tuberculous activity of low dose PZA and aerosol pyrazinoate esters in a Guinea pig model of infection](#)  
Young, E., [Braunstein, M.](#), Durham, P., [Hickey, A.](#), Zhong, L. & Welch, J., Jan 1 2015.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*

**Heileen Hsu-Kim (2015-16)**

41. [A population-based mercury exposure assessment near an artisanal and small-scale gold mining site in the Peruvian Amazon](#)  
Weinhouse, C., Gallis, J. A., Ortiz, E., Berky, A. J., Morales, A. M., Diringier, S. E., [Harrington, J.](#), Bullins, P., Rogers, L., Hare-Grogg, J., [Hsu-Kim, H.](#) & Pan, W. K., Feb 2021, In: [Journal of Exposure Science and Environmental Epidemiology](#). 31, 1, p. 126-136 11 p.  
*Research output: Contribution to journal › Article › peer-review*
42. [Leaching potential and redox transformations of arsenic and selenium in sediment microcosms with fly ash](#)  
Schwartz, G. E., Rivera, N., Lee, S-W., [Harrington, J. M.](#), Hower, J. C., [Levine, K. E.](#), Vengosh, A. & [Hsu-Kim, H.](#), Apr 1 2016, In: [Applied Geochemistry](#). 67, p. 177-185 8 p.  
*Research output: Contribution to journal › Article › peer-review*

**Archana Lamichhane (2015-16)**

43. [Trade-offs in total diet study sampling design](#)  
Woodward, K., [Aceituno, A.](#), Lamichhane, A., Kowalcyk, B. & Wirtz, M., Jul 11 2017.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*

**Cynthia Powell (2015-16)**

44. [Outreach to new mothers through direct mail and email: Recruitment in the Early Check research study](#)  
[Paquin, R. S.](#), [Lewis, M. A.](#), Harper, B. A., [Moultrie, R. R.](#), [Gwaltney, A.](#), [Gehtland, L. M.](#), [Peay, H. L.](#), [Duparc, M.](#), [Raspa, M.](#), [Wheeler, A. C.](#), [Powell, C. M.](#), King, N. M. P., Shone, S. M. & [Bailey, D. B.](#), May 2021, In: [Clinical and Translational Science](#). 14, 3, p. 880-889 10 p.  
*Research output: Contribution to journal › Article › peer-review*
45. [A voluntary statewide newborn screening pilot for spinal muscular atrophy: Results from early check](#)  
[Kucera, K. S.](#), Taylor, J. L., Robles, V. R., Clinard, K., Migliore, B., [Boyea, B. L.](#), [Okoniewski, K. C.](#), [Duparc, M.](#), Rehder, C. W., Shone, S. M., Fan, Z., [Raspa, M.](#), [Peay, H. L.](#), [Wheeler, A. C.](#), [Powell, C. M.](#), Donald B. Bailey, J. & [Gehtland, L. M.](#), Mar 21 2021, In: [International Journal of Neonatal Screening](#). 7, 1  
*Research output: Contribution to journal › Article › peer-review*
46. [A behavior-theoretic evaluation of values clarification on parental beliefs and intentions toward genomic sequencing for newborns](#)  
[Paquin, R. S.](#), [Peinado, S.](#), [Lewis, M. A.](#), [Biesecker, B. B.](#), Rini, C., Roche, M., Butterfield, R. M., [Powell, C. M.](#), Berg, J. S. & [Bailey, D. B.](#), Feb 1 2021, In: [Social Science and Medicine](#). 271, 112037.  
*Research output: Contribution to journal › Article › peer-review*
47. [Genomic sequencing for newborn screening: Results of the NC NEXUS Project](#)  
Roman, T. S., Crowley, S. B., Roche, M. I., Foreman, A. K. M., O'Daniel, J., Seifert, B. A., Lee, K., Brandt, A., Gustafson, C., DeCristo, D., Strande, N. T., Ramkissoon, L., Milko, L. V., Owen, P., Roy, S., Xiong, M., [Paquin, R. S.](#), Butterfield, R. M., [Lewis, M. A.](#), Sourish, K. J. & [7 others](#), , Oct 1 2020, In: [American Journal of Human Genetics](#). 107, 4, p. 596-611 16 p.  
*Research output: Contribution to journal › Article › peer-review*

48. [Parental views on newborn next generation sequencing: Implications for decision support](#)  
 Moultrie, R. R., Paquin, R., Rini, C., Roche, M. I., Berg, J. S., Powell, C. M. & Lewis, M. A., Jul 2020, In: [Maternal and Child Health Journal](#). 24, 7, p. 856-864 9 p.  
*Research output: Contribution to journal › Article › peer-review*
49. [Values clarification and parental decision making about newborn genomic sequencing](#)  
 Peinado, S., Paquin, R. S., Rini, C., Roche, M., Butterfield, R. M., Berg, J. S., Powell, C. M., Bailey, D. B. & Lewis, M. A., Apr 2020, In: [Health Psychology](#). 39, 4, p. 335-344 10 p.  
*Research output: Contribution to journal › Article › peer-review*
50. [Evaluation of x-linked adrenoleukodystrophy newborn screening in North Carolina](#)  
 Lee, S., Clinard, K., Young, S. P., Rehder, C. W., Fan, Z., Calikoglu, A. S., Bali, D. S., Bailey, D. B., Gehtland, L. M., Millington, D. S., Patel, H. S., Beckloff, S. E., Zimmerman, S. J., Powell, C. M. & Taylor, J. L., Jan 31 2020, In: [JAMA network open](#). 3, 1, p. e1920356 12 p., e1920356.  
*Research output: Contribution to journal › Article › peer-review*
51. [North Carolina newborn exome sequencing for universal screening \(NC nexus\) detects molecular etiologies underlying inborn errors of metabolism and hearing loss](#)  
 Roman, T. S., Crowley, S. B., Roche, M. I., Foreman, A. K., O'Daniel, J. M., Lee, K., Brandt, A., Gustafson, C., Strande, N. T., Seifert, B. A., Ramkissoon, L., Arreola, A., Edgerly, C., DeCristo, D., Milko, L. V., Owen, P., Li, M., Roy, S., Xiong, M., Lewis, M. A. & 10 others, , Nov 2019, In: [Journal of Molecular Diagnostics](#). 21, 6, p. 1123-1124 2 p.  
*Research output: Contribution to journal › Meeting abstract*
52. [Women's responses to next-generation sequencing for newborn screening: Psychological predictors of increases in pregnancy-specific anxiety](#)  
 Rini, C., Lewis, M. A., Butterfield, R., Sourish, K. J. & Powell, C. M., Sep 2019.  
*Research output: Contribution to conference/public event › Conference paper*
53. [The North Carolina experience with mucopolysaccharidosis type I newborn screening](#)  
 Taylor, J. L., Clinard, K., Powell, C. M., Rehder, C., Young, S. P., Bali, D., Beckloff, S. E., Gehtland, L. M., Kemper, A. R., Lee, S., Millington, D., Patel, H. S., Shone, S. M., Woodell, C., Zimmerman, S. J., Bailey, D. B. & Muenzer, J., Aug 2019, In: [The Journal of Pediatrics](#). 211, p. 193-200.e2 10 p.  
*Research output: Contribution to journal › Article › peer-review*
54. [Early check: Translational science at the intersection of public health and newborn screening](#)  
 Bailey, D. B., Gehtland, L. M., Lewis, M. A., Peay, H., Raspa, M., Shone, S. M., Taylor, J. L., Wheeler, A. C., Cotten, M., King, N. M. P., Powell, C. M., Biesecker, B., Bishop, C. E., Boyea, B. L., Duparc, M., Harper, B. A., Kemper, A. R., Lee, S. N., Moultrie, R., Okoniewski, K. C. & 4 others, , Jul 17 2019, In: [BMC Pediatrics](#). 19, 1, 13 p., 238.  
*Research output: Contribution to journal › Article › peer-review*
55. [Early check: An infrastructure for generating data on conditions preparing for newborn screening](#)  
 Gehtland, L. M., Bailey, D. B., Lewis, M. A., Peay, H. L., Powell, C., Taylor, J. L., Shone, S. M., Wheeler, A. C. & Zimmerman, S., Apr 7 2019.  
*Research output: Contribution to conference/public event › Conference poster*

56. [Evaluating parents' decisions about next-generation sequencing for their child in the NC NEXUS \(North Carolina Newborn Exome Sequencing for Universal Screening\) study: A randomized controlled trial protocol](#)  
Milko, L., Rini, C., [Lewis, M. A.](#), Butterfield, R. M., Lin, F-C., [Paquin, R. S.](#), Powell, B. C., Roche, M., Sourish, K. J., [Bailey, D. B.](#), Berg, J. S. & [Powell, C. M.](#), Jun 28 2018, In: [Trials](#). 19, 1, 14 p., 344.  
*Research output: Contribution to journal › Article › peer-review*
57. [Early check: A voluntary newborn screening program and research registry to facilitate clinical trials in pre-symptomatic infants with rare diseases](#)  
[Raspa, M.](#), [Bagwell, J.](#), [Duparc, M.](#), [Edwards, A.](#), Harper, B., [Okoniewski, C.](#), Shone, S., [Wheeler, A. C.](#), [Biesecker, B.](#), [Gehtland, L.](#), [Peay, H.](#), PenaLd, [Powell, C.](#) & [Bailey, D. B.](#), May 2018, In: [Value in Health](#). 21, p. S52 1 p.  
*Research output: Contribution to journal › Meeting abstract*
58. [Values clarification exercises improved parental decision making about newborn genomic sequencing](#)  
[Peinado, S.](#), [Paquin, R. S.](#), [Lewis, M.](#), Rini, C., Roche, M., Butterfield, R. M., Berg, J., [Powell, C. M.](#) & [Bailey, D.](#), Apr 2018, In: [Annals of Behavioral Medicine](#). 52, p. S206 1 p.  
*Research output: Contribution to journal › Meeting abstract*
59. [Decision making in couples offered genomic sequencing for newborn screening: Outcomes of a surrogate, joint decision](#)  
Rini, C., [Lewis, M.](#), Roche, M., Butterfield, R., [Paquin, R.](#), Souris, K., [Bailey, D.](#), Berg, J. & [Powell, C.](#), Apr 2018, In: [Annals of Behavioral Medicine](#). 52, p. S665 1 p.  
*Research output: Contribution to journal › Meeting abstract*
60. [Parental preferences toward genomic sequencing for non-medically actionable conditions in children: A discrete-choice experiment](#)  
[Lewis, M. A.](#), Stine, A., [Paquin, R. S.](#), [Mansfield, C.](#), [Wood, D.](#), Rini, C., Roche, M. I., [Powell, C. M.](#), Berg, J. S. & [Bailey, D. B.](#), Feb 2018, In: [Genetics in Medicine](#). 20, 2, p. 181-189 9 p.  
*Research output: Contribution to journal › Article › peer-review*
61. [Early check: Expanded infant health screening in North Carolina](#)  
[Okoniewski, K. C.](#), [Wheeler, A. C.](#), [Raspa, M.](#), Harper, B., [Powell, C.](#) & [Bailey, D. B.](#), Nov 2017.  
*Research output: Contribution to conference/public event › Conference poster*
62. [The NC NEXUS Project of newborn exome sequencing](#)  
[Powell, C.](#), Roche, M., Rini, C., [Lewis, M. A.](#), [Paquin, R. S.](#), [Bailey, D. B.](#), Margolis, M., Butterfield, R., Milko, L. V., Powell, B. C. & Berg, J. S., Jul 21 2017.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*
63. [Fragile X newborn screening: Lessons learned from a multi-site screening study](#)  
[Bailey, D. B.](#), Berry-Kravis, E., Gane, L. W., Guarda, S., Hagerman, R., [Powell, C.](#), Tassone, F. & [Wheeler, A.](#), Jun 1 2017, In: [Pediatrics](#). 139, Suppl 3, p. S216-S225 10 p.  
*Research output: Contribution to journal › Article › peer-review*



64. [Early Check: A voluntary newborn screening program in North Carolina](#)  
[Gehtland, L.](#), [Peay, H.](#), [Lewis, M.](#), [Raspa, M.](#), Taylor, J., [Bailey, D. B.](#), [Wheeler, A.](#), Zimmerman, S., Cotten, C. M. & [Powell, C.](#), Jun 2017.  
*Research output: Contribution to conference/public event › Conference poster › peer-review*
65. [Parental decision making about genomic sequencing for their children: Ethical and practical considerations](#)  
[Lewis, M.](#), Butterfield, R., Rini, C., [Paquin, R.](#), Roche, M., Berg, J. S., [Powell, C.](#) & [Bailey, D.](#), Mar 2017, In: [Annals of Behavioral Medicine](#). 51, p. S2322-S2323 2 p.  
*Research output: Contribution to journal › Meeting abstract*
66. [Newborn sequencing in genomic medicine and public health](#)  
 Berg, J. S., Agrawal, P. B., [Bailey, D. B.](#), Beggs, A. H., Brenner, S. E., Brower, A. M., Cakici, J. A., Ceyhan-Birsoy, O., Chan, K., Chen, F., Currier, R. J., Dukhovny, D., Green, R. C., Harris-Wai, J., Holm, I. A., Iglesias, B., Joseph, G., Kingsmore, S. F., Koenig, B. A., Kwok, P-Y. & [22 others](#), , Feb 2017, In: [Pediatrics](#). 139, 2, 13 p., 20162252.  
*Research output: Contribution to journal › Article › peer-review*
67. [The PhenX Toolkit: Standard measures to assess rare genetic conditions and Sickle Cell disease](#)  
[Phillips, M.](#), Grant, T., [Huggins, B.](#), Terry, S., Bodurtha, J., Giampietro, P., Heral, L., Lewis, J., [Powell, C.](#), Soden, S., Valdez, R., [Hendershot, T.](#), [Maiese, D.](#), Iglesias, B., Ramos, E., Werner, E., Eckman, J., Hassell, K., Klings, E., Adams, R. & [4 others](#), , Mar 2016.  
*Research output: Contribution to conference/public event › Conference poster*
68. [Supporting parental decisions about genomic sequencing for newborn screening: The NC NEXUS decision aid](#)  
[Lewis, M.](#), [Paquin, R.](#), Roche, M., [Furberg, R.](#), Rini, C., Berg, J. S., [Powell, C. M.](#) & [Bailey, D.](#), Jan 1 2016, In: [Pediatrics](#). 137, S1, p. S16-S23  
*Research output: Contribution to journal › Article › peer-review*
69. [Maternal consequences of the detection of Fragile X carriers in newborn screening](#)  
[Bailey, D.](#), [Wheeler, A.](#), Berry-Kravis, E., Hagerman, R., Tassone, F., [Powell, C. M.](#), Roche, M., Gane, L. W. & Sideris, J., Aug 1 2015, In: [Pediatrics](#). 136, 2, p. e433-e440  
*Research output: Contribution to journal › Article › peer-review*

## Ellen Weiss (2015-16)

70. [Broad spectrum metabolomics for detection of abnormal metabolic pathways in a mouse model for retinitis pigmentosa](#)  
[Weiss, E. R.](#), Osawa, S., Xiong, Y., Dhungana, S., Carlson, J., McRitchie, S. & [Fennell, T. R.](#), Jul 2019, In: [Experimental Eye Research](#). 184, p. 135-145 11 p.  
*Research output: Contribution to journal › Article › peer-review*

## Erik Wibbels (2015-16)

71. [Deportados: En Guatemala solo hay carencias, por eso quieren volver](#)  
 Denny, E., Dow, D., [Pitts, W. J.](#), Romero, D., Tellez, J., Villamizar Chaparro, M., Wibbels, E. & Zabala, P., Sep 23 2021  
*Research output: Non-textual form (Online, Web, Electronic only) › Blogs & Web publications*

72. [Encuesta a deportados: Solo quieren volver a huir del país](#)  
Denny, E., Dow, D., [Pitts, W. J.](#), Romero, D., Tellez, J., Villamizar Chaparro, M., Wibbels, E. & Zabala, P., Jul 23 2021  
*Research output: Non-textual form (Online, Web, Electronic only) › Blogs & Web publications*
73. [4 things the Biden administration should pay attention to with the border crisis](#)  
Denny, E., Dow, D., [Pitts, W. J.](#), Ordoñez, J., Tellez, J., Villamizar Chaparro, M., Wibbels, E. & Zabala, P., Apr 2 2021  
*Research output: Non-textual form (Online, Web, Electronic only) › Blogs & Web publications*
74. [Public services, geography, and citizen perceptions of government in Latin America](#)  
Bland, G., [Brinkerhoff, D.](#), Romero, D., [Wetterberg, A.](#) & [Wibbels, E.](#), Feb 22 2021, (E-pub ahead of print) In: [Political Behavior](#). 28 p.  
*Research output: Contribution to journal › Article › peer-review*
75. [From decentralization research to policy and program: A practical postscript](#)  
[Brinkerhoff, D. W.](#), [Wetterberg, A. M.](#) & Bland, G. A., Feb 2019, *Decentralized Governance and Accountability: Academic Research and the Future of Donor Programming*. Wibbels, E. & Rodden, J. (eds.). Cambridge: [CAMBRIDGE UNIV PRESS](#), p. 273-286  
*Research output: Chapter in Book/Report/Conference proceeding › Chapter › peer-review*
76. [Distance, services, and citizen perceptions of the state in rural Africa](#)  
[Brinkerhoff, D. W.](#), [Wetterberg, A.](#) & Wibbels, E., Jan 2018, In: [Governance](#). 31, 1, p. 103-124 22 p.  
*Research output: Contribution to journal › Article › peer-review*
77. [Governance gradients: comparing distance, service quality, and citizen perceptions of government across 17 countries in Sub-saharan Africa](#)  
[Brinkerhoff, D.](#), [Wetterberg, A.](#) & Wibbels, E., Jul 1 2016.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*
78. [Distance, services, and the decoupling of citizen perceptions of the state in rural Africa](#)  
[Brinkerhoff, D.](#), [Wetterberg, A.](#) & Wibbels, E., May 1 2016, Research Triangle Park, NC: [RTI International](#). (International Development Working Paper; No. 2016-01).  
*Research output: Book/Report › Scholarly report (TECHNICAL REPORT)*

### Crystal Cené (2016-17)

79. [Introduction to the special section: Networks and health care outcomes](#)  
[Cené, C. W.](#) & [Southwell, B. G.](#), Jul 17 2018, In: [Translational Behavioral Medicine](#). 8, 4, p. 527-530 4 p.  
*Research output: Contribution to journal › Editorial › peer-review*

### Owen Duckworth (2016-17)

80. [Fluoride and arsenic removal by bone char in high pH groundwaters](#)  
Fitzstevens, M., [Duckworth, O.](#), [Harrington, J. M.](#), Knappe, D. & Polizzotto, M. L., Dec 10 2018.  
*Research output: Contribution to conference/public event › Conference poster*

81. [A two-column flash chromatography approach to pyoverdinin production from \*Pseudomonas putida\* GB1](#)  
[Duckworth, O. W.](#), Markarian, D. S., Parker, D. L. & [Harrington, J. M.](#), Apr 2017, In: [Journal of Microbiological Methods](#). 135, p. 11-13 3 p.  
*Research output: Contribution to journal › Article › peer-review*
82. [Sorption of arsenic to biogenic iron \(oxyhydr\)oxides produced in circumneutral environments](#)  
 Sowers, T., [Harrington, J.](#), Whitaker, A., Polizzotto, M. & [Duckworth, O.](#), Apr 2 2017, In: [Abstracts of Papers of the American Chemical Society](#). 253  
*Research output: Contribution to journal › Meeting abstract*
83. [Sorption of arsenic to biogenic iron \(oxyhydr\)oxides produced in circumneutral environments](#)  
 Sowers, T. D., [Harrington, J. M.](#), Polizzotto, M. L. & [Duckworth, O. W.](#), Feb 1 2017, In: [Geochimica et Cosmochimica Acta](#). 198, p. 194-207 14 p.  
*Research output: Contribution to journal › Article › peer-review*
84. [Towards understanding the redox reactivity of mycogenic manganese oxides with metals and organic contaminants](#)  
[Duckworth, O.](#), Andrews, M., Diaz, R., [Harrington, J.](#), Henson, J., Mitchell, E., Polizzotto, M., Sombers, L. & Uster, B., Jun 1 2016.  
*Research output: Contribution to conference/public event › Conference poster*

### Rakesh Malhotra (2016-17)

85. [The changing face of remote sensing: Harnessing innovation to enable new applications](#)  
[Malhotra, R.](#), Vlahovic, G., Schuckman, K., Robinson, C., Kantor, C., Walton, T., Mulrooney, T., [Rineer, J. L.](#), McGinn, C. & Gruber, C., Jan 2019, *2019 state and future of GEOINT report*. 5th ed. [United States Geospatial Intelligence Foundation](#), p. 60-62 3 p.  
*Research output: Chapter in Book/Report/Conference proceeding › Chapter › peer-review*

### Sylvia Nassar (2016-17)

86. [Career builders: Key components for effective global youth career and workforce development](#)  
[Nassar, S.](#) & Al-Qimlass, A., Sep 28 2017, Research Triangle Park, NC: [RTI Press](#). 12 p. (RTI Press Occasional Paper; No. OP-0045-1709).  
*Research output: Book/Report › RTI PRESS Publication (briefs, papers, reports)*

### Nagui Roupail (2016-17)

87. [Lane change rates at freeway weaving sites: Trends in HCM6 and from NGSIM trajectories](#)  
 Ahmed, I., Xu, D., [Roupail, N.](#) & Karr, A., May 2019, In: [Transportation Research Record](#). 2673, 5, p. 627-636 10 p.  
*Research output: Contribution to journal › Article › peer-review*

**Ilene Speizer (2016-17)**

88. [The PrEPARE Pretoria Project: Protocol for a cluster-randomized factorial-design trial to prevent HIV with PrEP among adolescent girls and young women in Tshwane, South Africa](#)  
Wechsberg, W. M., Browne, F. A., Ndirangu, J., Bonner, C. P., Minnis, A. M., Nyblade, L., Speizer, I. S., Howard, B. N., Myers, B. & Ahmed, K., Sep 15 2020, In: [BMC Public Health](#). 20, 1, 14 p., 1403.  
*Research output: Contribution to journal › Article › peer-review*
89. [Exploring the associations between physical and sexual gender-based violence and HIV among women who use substances in South Africa: The role of agency and alcohol](#)  
Bonner, C. P., Browne, F. A., Ndirangu, J. W., Howard, B., Zule, W. A., Speizer, I. S., Kline, T. & Wechsberg, W. M., Nov 2 2019, In: [AIDS Care](#). 31, 11, p. 1369-1375 7 p.  
*Research output: Contribution to journal › Article › peer-review*
90. [Addressing stigma and gender inequalities as antecedents to ending AIDS with adolescent women: Who has the power?](#)  
Wechsberg, W. M., Ndirangu, J. W., Browne, F. A., Bonner, C. P., Nyblade, L., Minnis, A. M. & Speizer, I., Jul 2019.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*
91. [Condom use, multiple rounds of sex, and alcohol use among South African women who use alcohol and other drugs: An event-level analysis](#)  
Zule, W. A., Speizer, I. S., Browne, F. A., Howard, B. N. & Wechsberg, W. M., Dec 2018, In: [Sexually Transmitted Diseases](#). 45, 12, p. 786-790 5 p.  
*Research output: Contribution to journal › Article › peer-review*
92. [Changing sex risk behaviors, gender norms, and relationship dynamics among couples in Cape Town, South Africa: Efficacy of an intervention on the dyad](#)  
Speizer, I. S., Zule, W. A., Carney, T., Browne, F. A., Ndirangu, J. & Wechsberg, W. M., Jul 2018, In: [Social Science and Medicine](#). 209, p. 95-103 9 p.  
*Research output: Contribution to journal › Article › peer-review*
93. [An implementation science protocol of the Women's Health CoOp in healthcare settings in Cape Town, South Africa: A stepped-wedge design](#)  
Wechsberg, W. M., Ndirangu, J. W., Speizer, I. S., Zule, W. A., Gumula, W., Peasant, C., Browne, F. A. & Dunlap, L., Sep 18 2017, In: [BMC Women's Health](#). 17, 11 p., 85.  
*Research output: Contribution to journal › Article › peer-review*

**Edwin Castellanos (2017-18)**

94. [Food, energy, and water nexus research in Guatemala – A systematic literature review](#)  
Kondash, A. J., Herrera, I., Castellanos, E., Baker, J., Leiva, B., Van Houtven, G., Fuentes, G., Alfaro, G., Henry, C., Wade, C. & Hoponick Redmon, J., Jun 25 2021, In: [Environmental Science and Policy](#). 124, p. 175-185 11 p.  
*Research output: Contribution to journal › Review article › peer-review*

**James Levis (2017-18)**95. [Application and testing of risk screening tools for nanomaterial risk analysis](#)

Grieger, K., Bossa, N., [Levis, J. W.](#), Von Borries, K. J. F., Strader, P., Cuchiara, M., Hendren, C. O., Hansen, S. F. & Jones, J. L., Jul 10 2018, In: [Environmental Science: Nano](#). 5, 8, p. 1844-1858

*Research output: Contribution to journal › Article › peer-review*

**Jacqueline MacDonald Gibson (2017-18)**96. [A new approach to a legacy concern: Evaluating machine-learned Bayesian networks to predict childhood lead exposure risk from community water systems](#)

[Mulhern, R.](#), Roostaei, J., Schwetschenau, S., Pruthi, T., Campbell, C. & [MacDonald Gibson, J.](#), Sep 2021, In: [Environmental Research](#). 204, B, 12 p., 112146.

*Research output: Contribution to journal › Article › peer-review*

97. [User experience of point-of-use water treatment for private wells in North Carolina: Implications for outreach and well stewardship](#)

[Mulhern, R.](#), Grubbs, B., Gray, K. & [MacDonald Gibson, J.](#), Sep 2021, In: [Science of the Total Environment](#). 806, Pt 1, 14 p., 150448.

*Research output: Contribution to journal › Article › peer-review*

98. [Are carbon water filters safe for private wells? Evaluating the occurrence of microbial indicator organisms in private well water treated by point-of-use activated carbon block filters](#)

[Mulhern, R.](#), Stallard, M., Zani, H., Stewart, J., Sozzi, E. & [MacDonald Gibson, J.](#), Sep 2021, In: [International Journal of Hygiene and Environmental Health](#). 238, 11 p., 113852.

*Research output: Contribution to journal › Article › peer-review*

99. [Impacts of exclusion from municipal water service on water availability: A case study](#)

Lockhart, S., [Wood, E.](#) & [MacDonald Gibson, J.](#), Aug 2020, In: [New Solutions: A Journal of Environmental and Occupational Health Policy](#). 30, 2, p. 127-137 11 p.

*Research output: Contribution to journal › Article › peer-review*

100. [Private well testing in peri-urban African-American communities lacking access to regulated municipal drinking water: A mental models approach to risk communication](#)

[MacDonald Gibson, J.](#), Stillo, F., [Wood, E.](#), Lockhart, S. & Bruine de Bruin, W., Aug 2 2021, (E-pub ahead of print) In: [Risk Analysis](#). 19 p.

*Research output: Contribution to journal › Article › peer-review*

101. [Reaching those left behind: Knowledge gaps, challenges, and approaches to achieving SDG 6 in high-income countries](#)

Mattos, K., [Mulhern, R.](#), Naughton, C., Anthonj, C., Brown, J., Brocklehurst, C., Brooks, C., Desclos, A., Escobedo Garcia, N., [Gibson, J. M.](#), Linden, K., Lindsay, C., Newby, J., Sinclair, R. & Smith, A., Jul 28 2021, In: [Journal of Water Sanitation and Hygiene for Development](#). 11, 5, p. 849-858 10 p.

*Research output: Contribution to journal › Article › peer-review*

102. [Predicting the risk of GenX contamination in private well water using a machine-learned Bayesian network model](#)  
Roostaei, J., Colley, S., [Mulhern, R.](#), May, A. A. & [Gibson, J. M.](#), Jun 5 2021, In: [Journal of Hazardous Materials](#). 411, 11 p., 125075.  
*Research output: Contribution to journal › Article › peer-review*
103. [Under-sink activated carbon water filters effectively remove lead from private well water for over six months](#)  
[Mulhern, R.](#) & [Gibson, J. M.](#), Dec 2020, In: [Water \(Switzerland\)](#). 12, 12, 19 p., 3584.  
*Research output: Contribution to journal › Article › peer-review*
104. [Lead in drinking water at North Carolina childcare centers: Piloting a citizen science-based testing strategy](#)  
[Redmon, J. H.](#), [Levine, K. E.](#), [Aceituno, A. M.](#), Litzenberger, K. & [Gibson, J. M.](#), Apr 2020, In: [Environmental Research](#). 183, p. 109126 9 p., 109126.  
*Research output: Contribution to journal › Article › peer-review*
105. [Community exposures and methods of detection - virtual due to COVID-19](#)  
[Levine, K. E.](#), [Redmon, J. H.](#), [Fabiszewski de Aceituno, A.](#), Litzenberger, K. S., [Harrington, J. M.](#) & [Gibson, J. M.](#), Jun 3 2020.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category. › peer-review*
106. [Safeguarding children's health: Time to enact a health-based standard and comprehensive testing, mitigation, and communication protocol for lead in drinking water](#)  
[Redmon, J. H.](#), [Gibson, J. M.](#), Woodward, K. P., [Aceituno, A. M.](#) & [Levine, K. E.](#), Sep 20 2018, In: [North Carolina Medical Journal](#). 79, 5, p. 313-317 5 p.  
*Research output: Contribution to journal › Article › peer-review*

### Clara Muschkin (2017-18)

107. [State-wide implementation of North Carolina's Kindergarten Entry Formative Assessment: Impact on student outcomes in the early grades](#)  
[Muschkin, C.](#), [Glennie, E.](#) & [Lennon, J.](#), Jun 25 2019.  
*Research output: Contribution to conference/public event › Conference paper*
108. [Statewide implementation of the state's kindergarten entry formative assessment: Impact on student outcomes in the early grades](#)  
[Glennie, E.](#), [Mushkin, C.](#) & [Lennon, J. M.](#), Jun 2018.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*

**Michael Relf (2017-18)**

109. [A review of the state of the science of HIV and stigma: Context, conceptualization, measurement, interventions, gaps, and future priorities](#)  
 Relf, M., Holzemer, W. L., Holt, L., [Nyblade, L.](#) & Caiola, C. E., Aug 2021, In: [Journal of the Association of Nurses in AIDS Care](#). 32, 3, p. 392-407 16 p.  
*Research output: Contribution to journal › Review article › peer-review*

**Yang Zhang (2017-18)**

110. [Health impacts and cost-benefit analyses of surface O-3 and PM2.5 over the US under future climate and emission scenarios](#)  
 Yang, P., [Zhang, Y.](#), Wang, K., [Doraiswamy, P.](#) & [Cho, S-H.](#), Nov 2019, In: [Environmental Research](#). 178, 15 p., 108687.  
*Research output: Contribution to journal › Article › peer-review*
111. [Estimation of PM2.5 exposures for an environmental justice community in Denver, CO, using various assessment approaches](#)  
[Cho, S-H.](#), Siripanichgon, N., Cicutto, L., McCullough, M., Crews, K., [McCombs, M. S.](#), Chang, C., [Zhang, Y.](#) & [Doraiswamy, P.](#), Apr 2019.  
*Research output: Contribution to conference/public event › Conference poster*
112. [Estimation of PM2.5 exposures for an environmental justice community in Denver, CO, using various assessment approaches](#)  
[Cho, S-H.](#), Siripanichgon, N., Cicutto, L., McCullough, M., Crews, K., [McCombs, M. S.](#), Chang, C., [Zhang, Y.](#) & [Doraiswamy, P.](#), Oct 2018.  
*Research output: Contribution to conference/public event › Conference poster*

**Alice Ammerman (2018-19)**

113. [Examining commonly used perceived and objective measures of fruit and vegetable access in low-income populations and their association with consumption](#)  
 Haynes-Maslow, L., McGuirt, J., Trippichio, G., [Armstrong-Brown, J.](#), [Ammerman, A. S.](#) & Leone, L. A., Dec 31 2020, In: [Translational Behavioral Medicine](#). 10, 6, p. 1342-1349 8 p.  
*Research output: Contribution to journal › Article › peer-review*
114. [The four domain food insecurity scale \(4D-FIS\): Development and evaluation of a complementary food insecurity measure](#)  
 Johnson, C. M., [Ammerman, A. S.](#), Adair, L. S., Aiello, A. E., [Flax, V. L.](#), Elliott, S., Hardison-Moody, A. & Bowen, S. K., Dec 31 2020, In: [Translational Behavioral Medicine](#). 10, 6, p. 1255-1265 11 p.  
*Research output: Contribution to journal › Article › peer-review*
115. [A cluster-randomized trial of a mobile produce market program in 12 communities in North Carolina: Program development, methods, and baseline characteristics](#)  
 Leone, L. A., Tripicchio, G. L., Haynes-Maslow, L., McGuirt, J., Smith, J. S. G., [Armstrong-Brown, J.](#), Kowitt, S. D., Gizlice, Z. & [Ammerman, A. S.](#), Jan 2019, In: [Journal of the Academy of Nutrition and Dietetics](#). 119, 1, p. 57-68 12 p.  
*Research output: Contribution to journal › Article › peer-review*

116. [Relationship of food insecurity to women's dietary outcomes: A systematic review](#)  
Johnson, C. M., Sharkey, J. R., Lackey, M. J., Adair, L. S., Aiello, A. E., Bowen, S. K., Fang, W., [Flax, V. L.](#) & [Ammerman, A. S.](#), Dec 2018, In: [Nutrition Reviews](#). 76, 12, p. 910-928 19 p.  
*Research output: Contribution to journal › Review article › peer-review*
117. [Cluster randomized controlled trial of a mobile market intervention to increase fruit and vegetable intake among adults in lower-income communities in North Carolina](#)  
Leone, L. A., Tripicchio, G. L., Haynes-Maslow, L., McGuirt, J., Smith, J. S. G., [Armstrong-Brown, J.](#), Gizlice, Z. & [Ammerman, A.](#), Jan 5 2018, In: [International Journal of Behavioral Nutrition and Physical Activity](#). 15, 1, 11 p., 2.  
*Research output: Contribution to journal › Article › peer-review*

### Mohd Anwar (2018-19)

118. [Increases in naloxone administrations by emergency medical services providers during the COVID-19 pandemic: Retrospective time-series study](#)  
[Khoury, D.](#), [Preiss, A.](#), [Geiger, P.](#), [Anwar, M.](#) & Conway, K. P., May 27 2021, In: [JMIR Public Health and Surveillance](#). 7, 5, 12 p., 29298.  
*Research output: Contribution to journal › Article › peer-review*
119. [Using Twitter to surveil the opioid epidemic in North Carolina: A cross-entity exploratory collaboration](#)  
[Khoury, D.](#), [Anwar, M.](#), [Aldridge, A. P.](#), [Parker, S. J.](#) & Conway, K. P., Jun 2020.  
*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category. › peer-review*
120. [Using Twitter to surveil the opioid epidemic in North Carolina: An exploratory study](#)  
[Anwar, M.](#), [Khoury, D.](#), [Aldridge, A. P.](#), [Parker, S. J.](#) & Conway, K. P., Jun 24 2020, In: [JMIR Public Health and Surveillance](#). 6, 2, p. e17574  
*Research output: Contribution to journal › Article › peer-review*

### Shu Wen Ng (2019-20)

121. [Preventing non-communicable diseases using pricing policies: Lessons for the United States from global experiences and local pilots](#)  
Ng, S. W., [Hoerger, T. J.](#) & [Nugent, R. A.](#), May 28 2021, Research Triangle Park, NC: [RTI Press](#). 12 p. (RTI Press Policy Brief; No. PB-0025-2105).  
*Research output: Book/Report › RTI PRESS Publication (briefs, papers, reports)*
122. [Perceived advantages and disadvantages of online grocery shopping among special supplemental nutrition program for Women, Infants, and Children \(WIC\) participants in Eastern North Carolina](#)  
Jilcott Pitts, S. B., Ng, S. W., Blitstein, J. L., Gustafson, A., Kelley, C. J., Pandya, S. & Weismiller, H., May 2020, In: [Current Developments in Nutrition](#). 4, 5, nzaa076.  
*Research output: Contribution to journal › Article › peer-review*



**William Vizuete (2019-20)**123. [Particulates matter: Impact, measurement, and remediation of airborne pollutants](#)

Rao, V., [Vizuete, W.](#) & Thomas, B. F. (ed.), Dec 8 2020, Cambridge, MA: [Elsevier in cooperation with RTI Press](#). 288 p. (Emerging Issues in Analytical Chemistry, Vol. 11).

*Research output: Book/Report › Book*

124. [Toxicity of complex aerosols emitted from woody biomass combustion assessed using a novel in vitro technology](#)

[Vizuete, W.](#), [Doraiswamy, P.](#), [Kim, J. H.](#), [Mortensen, N. P.](#), Chartier, R., Rao, V., Baumann, K., Bililign, S., Fiddler, M., Pokhrel, R., Newman, R. & Zavala, J., Dec 2020.

*Research output: Contribution to conference/public event › Conference poster*

**Emily Gower (2020-21)**125. [Image sequence analysis via GRU and attention for trichomatous trichiasis classification](#)

Prieto, J. C., Shah, H., [Jones, K. R.](#), [Chew, R.](#), Kana, H. M., Weaver, J., [Flueckiger, R. M.](#), [McPherson, S. L.](#) & [Gower, E. W.](#), Jul 7 2021, In: [Proceedings of the Fourth Conference on Medical Imaging with Deep Learning](#). 143, p. 633-644

*Research output: Contribution to journal › Conference article*

126. [Image sequence generation and analysis via GRU and attention for trichomatous trichiasis classification](#)

Prieto, J. C., Shah, H., [Jones, K. R.](#), [Chew, R.](#), Kana, H. M., Weaver, J., [Flueckiger, R. M.](#), [McPherson, S. L.](#) & [Gower, E. W.](#), Jul 7 2021.

*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category. › peer-review*

**Kathleen Mullan Harris (2020-21)**127. [Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies](#)

Munn-Chernoff, M. A., Johnson, E. C., Chou, Y-L., Coleman, J. R. I., Thornton, L. M., Walters, R. K., Yilmaz, Z., Baker, J. H., Hübel, C., Gordon, S., Medland, S. E., Watson, H. J., Gaspar, H. A., Bryois, J., Hinney, A., Leppä, V. M., Mattheisen, M., Ripke, S., Yao, S., Giusti-Rodríguez, P. [& 332 others](#), , Jan 2021, In: [Addiction Biology](#). 26, 1, p. e12880

*Research output: Contribution to journal › Article › peer-review*

128. [A large-scale genome-wide association study meta-analysis of cannabis use disorder](#)

Johnson, E. C., Demontis, D., Thorgeirsson, T. E., Walters, R. K., Polimanti, R., Hatoum, A. S., Sanchez-Roige, S., Paul, S. E., Wendt, F. R., Clarke, T-K., Lai, D., Reginsson, G. W., Zhou, H., He, J., Baranger, D. A. A., Gudbjartsson, D. F., Wedow, R., Adkins, D. E., Adkins, A. E., Alexander, J. [& 31 others](#), , Dec 2020, In: [The Lancet Psychiatry](#). 7, 12, p. 1032-1045 14 p.

*Research output: Contribution to journal › Article › peer-review*

**Carmen Monico (2021-22)**

129. [Analyzing the experience of Guatemalan deportees and their intentions to remigrate to the U.S. to address the current immigration challenges in the U.S.](#)

Monico, C., [Inkpen, C.](#) & [Pitts, W. J.](#), Jan 2022.

*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*

130. [Tracking Guatemalan deportees and their intentions to remigrate to the U.S.](#)

Monico, C., [Inkpen, C.](#) & [Pitts, W. J.](#), Nov 2021.

*Research output: Contribution to conference/public event › Conference presentation (Authors & Author-Presenter). If not a conference, use the Activities category.*