Michael Elliott

e-mail: michael.elliott@slu.edu

Education:

Doctor of Philosophy in Public Health-2001
The Ohio State University School of Public Health
Division of Health Behavior and Health Promotion
Major area: Health Behavior and Health Promotion
Minor area: Psychoneuroimmunology
Curriculum includes concentrations in Biostatistics, Epidemiology and Research Methods, Health Behavior and Health Promotion, and Psychoneuroimmunology
Dissertation Title: Factors Related to Stage of Change for Vigorous and Moderate Physical Activity

Master of Science in Preventive Medicine - 1994
The Ohio State University Department of Preventive Medicine
Thesis Title: Perceived Stress and Depression among Cash Grain Farmers in Ohio

Bachelor of Arts - 1992 *cum laude*
Ohio Wesleyan University
Major: Pre-medicine
Major: Psychology
Minor: Chemistry

Honors:

Barnes Jewish Hospital Team Award for Quality Improvement (2013)
SLU Senior Associate Dean's Award for Service to the School (2006)
School of Public Health *Outstanding M.S. Ph.D. Student* Award (2001)
Phi Kappa Phi - National Honor Society recognizing academics (1995)
Omicron Delta Kappa - National Honor Society recognizing academics and service (1991)
Psi Chi - National Honor Society in Psychology (1991)
Presidential Scholarship - full tuition academic scholarship (1988)

Professional Experience:

Department Chair of Epidemiology and Biostatistics (Summer 2024 to current)

Interim Department Chair of Epidemiology and Biostatistics (Summer 2022 to Summer 2024)

Acting Dean with Saint Louis University College for Public Health and Social Justice (2022-one-month term)

Associate Dean of Academic Affairs with Saint Louis University College for Public Health and Social Justice (2021 to 2024)

Associate Dean of Public Health with Saint Louis University College for Public Health and Social Justice (2020 to 2021)

Associate Professor of Biostatistics with Saint Louis University College for Public Health and Social Justice (2016 to current)

- Teaches course on data management.
- Teaches introductory level biostatistics course.
- Teaches statistical software course.
- Teaches graduate level and undergraduate level capstone courses.

Assistant Professor of Biostatistics with Saint Louis University College for Public Health and Social Justice (2010 to 2016)

- Teaches course on data management.
- Teaches introductory level biostatistics course.
- Teaches general linear modeling course.
- Continuing to study relationship between chronic diseases, health behaviors (nutrition and physical activity), and the intrapersonal, interpersonal, physical, and policy environment.

Lecturer with Washington University Department of Internal Medicine (2012 to current)

- Teaches course on data management.
- Teaches introductory level biostatistics course.

Adjunct Assistant Professor with Saint Louis University School of Public Health (2008 to 2010)

- Teaches course on data management.

Research Assistant Professor with Washington University School of Social Work (2008-2010)

- Studying relationship between health behaviors (nutrition and physical activity) and the intrapersonal, interpersonal, physical, and policy environment.

Research Assistant Professor with Saint Louis University School of Public Health (2005-2008)

- Teaches course on data management. Continues to work as data manager for several multi-million dollar grants. Responsible for database set up and management, data security, data analysis, and manuscript preparation. Assists in study design and grant proposal preparation.

Senior Research Associate with Saint Louis University School of Public Health (2002-2005)

- Works as data manager for several multi-million dollar grants. Responsible for database set up and management, data security, and data analysis. Assists in study

design, grant proposal preparation, and manuscript preparation.

Consulting Research Statistician with Ohio State University School of Public Health (1999-2002)

- Serves as a consultant in the Biometrics Laboratory consulting service. Responsible for managing several clients at one time. Duties include assisting in grant writing and study design, database management, data analysis, manuscript preparation, and responding to reviewer comments/concerns. Also responsible for teaching in Biostatistics core courses and providing assistance to students working on final projects or theses.

Analyst with the National Research Corporation-purchased Healthcare Research Systems in Summer of 1998 (1998-99)

- Responsible for design and implementation of analysis for client projects. Assisted with reporting and helping clients understand and use survey research data to help improve quality and market position. Assisted in cultivating the client relationship and ensuring client satisfaction through teamwork and successful client interactions.

Senior Researcher with Healthcare Research Systems, Ltd. (1997-98)

- Served as an internal consultant to company staff and as an external consultant to clients. Advised company staff on correct procedures for study design, questionnaire design, data analysis, and reporting. Contributed to company sponsored newsletter and assisted in writing articles and chapters for publication. Assisted in preparation for and presentation of Research Department statistical seminars. Assisted in and performed complex data analyses. Also assisted in new product development including patient satisfaction benchmarking product, functional status product, and health risk appraisal product.

Consultant with Healthcare Research Systems, Ltd. (1997)

- Developed Health Risk Appraisal product line. Conducted focus groups of physicians to determine appropriate behavioral risk criteria. Developed, implemented, and analyzed Health Risk Appraisal for Cleveland Clinic Corporate Wellness Center. Analyzed corporate wellness program satisfaction for Ohio Health plan.

Consultant with the Department of Nuclear Medicine O.S.U. Hospitals (1996-97)

- Surveyed the satisfaction of patients undergoing radio-iodine treatment. Conducted statistical analysis of radio-iodine therapy time to discharge.

Graduate Research Associate working for S.P.H. Biometrics Lab (1996-97)

- Assisted in analyzing client's data and presenting results.

Graduate Research Associate working for Division of Health Behavior and Health Promotion in the O.S.U. School of Public Health (1992-96)

- Studied health behavior and health promotion in the worksite.

Teaching Experience:

Associate Professor (Summer 2016 to current)

- Applied Data Management
- Principles of Biostatistics
- Introduction to Statistical Computing
- Statistical Programming & Study Planning: SAS
- Public Health Capstone
- Biostatistics Capstone / Introduction to Data Management
- Public Health and Disasters
- Biosecurity and Disaster Preparedness Capstone

Assistant Professor (Spring 2006 through Summer 2016)

- Applied Data Management
- Principles of Biostatistics
- Introduction to General Linear Models
- Co-taught Design and Analysis in Public Health

Instructor for Summer Training Institute: Transforming Tobacco Control and Evaluation in Missouri (Summer 2006 through 2009)

- Using databases to manage data
- Using spreadsheets to manage data
- On-line data collection

Instructor for Making an Impact: Evidence-Based Community Benefit (Summer 2008)

- Geographic Information Systems

Guest lecturer at S.L.U. S.P.H. (Spring 2006 through current)

- Clinical trials course
- Data management course
- Healthcare Marketing
- Environmental and Occupational Epidemiology
- Health Operations Management

Other Guest Lectures Given at SLU

- Introduction to Wellness Education and Benefits of Smoking Cessation (Physical and Occupational Therapy)
- Nursing 550-09 Informatics and Quality Improvement

Computer Lab Instructor for *A Problem-Oriented Approach to Biostatistics* at O.S.U. S.P.H. (Spring 2001)

- Instructed students on the application of SPSS to more advanced concepts of biostatistics including regression, survival analysis, and repeated measures analysis.

Computer Lab Instructor for *Biostatistics and Computers in Medical Research* at O.S.U.

S.P.H. (Winter 2000 and Winter 2001)

- Instructed students on the application of SPSS to the fundamental concepts of biostatistics including complex analysis of variance designs and non-parametric tests.

Guest lecturer for *Preventing Disease and Promoting Health Through the Application of Behavioral and Social Science Concepts* at O.S.U. S.P.H. (Fall 2000)

- Responsible for teaching session on the Theory of Reasoned Action

H.R.S. Ltd. Statistics Seminar (1997-98)

- Responsible for intra-company training seminar covering the basics of inferential statistics, the basics of regression, and advanced topics in regression.

Guest lecturer for *Behavioral Epidemiology* at O.S.U. S.P.H. (Fall 1996)

- Responsible for the instruction in and testing of knowledge regarding the impact of Social Support and Type A Behavior on health.

Computer Lab Teaching Assistant at O.S.U. S.P.H. (1996-97)

- Responsible for assisting first year students in learning mainframe SAS and BMDP.

Individual Tutoring at O.S.U. S.P.H. (1994-96)

- Subjects covered: epidemiology and biostatistics

Computer Proficiencies:

Statistical Packages: SAS mainframe and PC, SPSS PC, MINITAB mainframe and PC, SUDAAN, STATA, R, HLM

Other Packages: Microsoft Office Suite, Word Perfect, ACCESS, Epi-Info, ArcView, SNAP, MySQL

University/School/Departmental Involvement:

EpiBST Department Chair (2024-current)
Associate Dean of Academic Affairs (2021-2024)
Interim EpiBST Department Chair (2022-2024)
Acting Dean (2022-one month term)
Associate Dean of Public Health (2020-2021)
Interim Associate Dean for Graduate Academic Affairs (2020-2021)
SLU Strategic Enrollment Management Research and Reporting Council (2013-2016)
SLU CPHSJ Faculty Assembly President (2017-2020)
SLU Faculty Senator (2010-2015)
SLU CPHSJ Undergraduate Mentor (2010-current)
SLU CPHSJ Undergraduate Steering Committee (2010-current)
SLU CPHSJ MPH Steering Committee (2014-2017)
SLU CPHSJ Practice Experience Advisor (2010-2012)
SLU CPHSJ Doctoral Studies Advisory Committee (2010-2013)
SLU CPHSJ Biostatistics Department Search Committee (2010-2016)
SLU CPHSJ recruitment committee (2010-2012)
SLU CPHSJ Practice Placement committee (2006-2007)

SLU CPHSJ Competency committee (2006-2007)
O.S.U. Graduate Studies Committee representative (1994-1997)
O.S.U. Council of Graduate Students representative (1994)
O.S.U. Student representative for CEPH accreditation process
O.S.U. Peer mentor

Professional Affiliations:

American Public Health Association

Professional Service:

Member Health Policy Institute of Ohio Awards Review Committee, (2006-2007)
Member United Way of St. Louis Research Committee, (2007-2009)
Member ICTS Review Panel, (2009-2019)
Member ASPH/CDC Public Health Fellowship Program Review Panel, (2008-2011)
Member Nurses for Newborns Research Advisory Council (2013-2020)

Journals Reviewed:

American Journal of Preventive Medicine
American Journal of Public Health
BioMed Central Health Services Research
BioMed Central Public Health
EURASIP Journal on Wireless Communications and Networking
Frontiers in Public Health
International Journal of Behavioral Nutrition and Physical Activity
International Journal of Environmental Research and Public Health
International Journal of Nutrition and Metabolism
International Journal for Quality in Health Care
Journal of Nutrition Education and Behavior
Journal of Public Health Management & Practice
The Journal of Rural Health
Nutrients
Preventing Chronic Disease
Population and Environment

Presentations (sorted by descending date):

1. Subramaniam D, Al Juboori R, Elliott M, Zink T. Anthrax Disease and Vaccination Knowledge Among Emergency Personnel in Saint Louis Metropolitan Area, American Public Health Association, Atlanta, GA, November 2023.

2. Elliott M, Blackburn MC, Heard K, Milligan P, Cruz Bravo P, Tobin GS. Sustainability of a Real-Time Informatics Alert to Prevent Inpatient Severe Hypogylcemia. American Diabetes Association 78th Scientific Sessions Poster 397-P. Orlando, FL, June 22-26, 2018.

3. Wray R, Nicks S, Adsul P, Elliot M, Jupka K, Trainer A, Shahid M, Wright-Jones R, Siddiqui S. Promoting Informed Screening Decisions Among Men at High Risk for Prostate

Cancer. Society for Behavioral Medicine Annual Conference. Atlanta, GA, April 11-14, 2018.

4. Blackburn MC, Herrick C, Bravo PC, Sterl K, O'Connor L, Elliott M, Heard K, Tobin G. A Systems Approach to Glycemic Management and Prevention of Severe Hyperglycemia in the Non-Critically Ill Hospitalized Patients. American Diabetes Association 77th Scientific Sessions Poster 665-P. San Diego, CA, June 9-13, 2017.

5. Choi Y, Butler S, Boehmer L, Elliott M, Roshal A, Tobin G. NPH Insulin for the Management of Glucocorticoid-Induced Hyperglycemia in Oncology Patients. Society for General Internal Medicine (SGIM) Annual Meeting, Hollywood, FL, May 11-14, 2016.

6. Blackburn MC, Herrick C, Bravo PC, Chaiban J, O'Connor L, Elliott M, Heard K, Schafers S, Fondahn E, Tobin G. Systems approach to Glycemic Management and Prevention of Severe Hyperglycemia in Non-Critically Ill Hospitalized Patients. Patient Safety and Quality Improvement Conference, Washington University, March 4, 2016.

7. Elliott M, Blackburn MC, Heard K, Milligan P, Tobin GS. System-Wide Expansion of a Real-Time Informatics Alert to Prevent Inpatient Severe Hypogylcemia: Applying Research to Practice. American Diabetes Association 75th Scientific Sessions Poster 397-P. Boston, MA, June 5-9, 2015.

8. Clennin M, Elliott M, Hughey SM, Kelly C. Evaluation of a natural experiment: Does the built environment affect children's physical activity? 142nd APHA Annual Meeting and Exposition Poster 310544. New Orleans, LA, November 15-19, 2014.

9. Murray E, Beatty K, Flick L, Elliott M, et al. Maximizing Retention in an Urban Prospective Cohort Study. 142nd APHA Annual Meeting and Exposition Poster 306068. New Orleans, LA, November 15-19, 2014.

10. Wilson JS, Elliott M. Demographic Variation in Perceived Risk, Informed Risk and Diagnosis of Diabetes. ICE/ENDO 2014. Poster SUN-1020. Chicago, IL, June 21-24, 2014.

11. Thompson B, Elliott M, Pastor R, McGill J, Tobin G. Marriage Can Be Murder; Impact of Spousal Behaviors on A1c in Type 1 DM. American Diabetes Association 73rd Scientific Sessions. Poster 830-P. Chicago, IL, June 21-25, 2013.

12. Pratt E, Elliott M, Blackburn C, Schafers S, Heard K, Lynch J, Vlodarchyk C, McGill J, Kilpatrick R, Tobin G. Implementation of a Real-time Informatics Alert with Clinical Decision Support for Prevention of Severe Hypoglycemia. American Diabetes Association 73rd Scientific Sessions. Poster 403-P. Chicago, IL, June 21-25, 2013.

13. Beatty K, Wojciehowski K, Mayer J, Elliott M, Brownson R. Organizational and structural factors related to accreditation of local health departments in Missouri. 2013 PHSSR Keeneland Conference. Oral Presentation. Lexington, KY, April 8-11, 2013.

14. Beatty K, Wojciehowski K, Mayer J, Elliott M, Brownson R. Influences and Barriers to Rural Health Department Accreditation in Missouri. 2013 PHSSR Keeneland Conference. Poster Presentation. Lexington, KY, April 8-11, 2013.

15. Elliott M, Hogenboom K, Hudson C, Moore J, Freeland C. GIS Data Curation in Libraries. Oral Panel Presentation. 2013 Missouri GIS Conference, St. Louis, MO, February 19-20, 2013.

16. Heard K, Elliott M, Schafers S, Pratt E, Blackburn C, Hampton N, Milligan P, Tobin G. Implementing a Hypoglycemia Risk Prediction Algorithm as a Clinical Decision Support Alert. American Medical Informatics Association Meeting. Chicago, IL, November 3-7, 2012.

17. Pratt E, Elliott M, Schafers S, Blackburn MC, Kilpatrick R, Heard K, Thoelke M, Lynch J, McGill J, Tobin GS. Prevention of Inpatient Severe Hypoglycemia with a Real-Time Informatics Alert. American Diabetes Association Meeting. Poster 843-P. Philadelphia, PA, June 8-12, 2012.

18. Khoury N, Elliott M, Schafers S, Hampton N, Schrader A, Tobin GS, Silverstein JM. Implementation of a Carbohydrate Counting Protocol in Hospitalized Patients with Cystic Fibrosis-Related Diabetes. American Diabetes Association Meeting. Poster 1079-P. Philadelphia. PA, June 8-12, 2012.

19. Kilpatrick R, Elliott M, Schafers S, Pratt E, Blackburn MC, Silverstein JM, Tobin GS. Resident's Insulin Management Knowledge across Specialties. American Diabetes Association Meeting. Poster 677-P. Philadelphia, PA, June 8-12, 2012.

20. Elliott M., Bopp C., Armbrecht E., Tobin G., "Impact of a Lay-Led Diabetes Self management Program in community settings" Poster Presentation, Community Engaged Research Conference, September 27, 2011.

21. Elliott M., Armbrecht E., Bopp C., Tobin G. (presenting author), "Impact of a Lay-Led Diabetes Self management Program in community settings" Oral Presentation, Abstract # 233, American Diabetes Association's 71st Scientific Sessions, June 24-28, 2011.

22. Schafers S., Elliott M., Reichley R., Silverstein J., McGill J., Tobin G., "Prediction and Prevention of Inpatient Hypoglycemia" Poster Presentation, Abstract #492-P, American Diabetes Association's 71st Scientific Sessions, June 24-28, 2011.

23. Schell S., Luke D., Herbers S., Elliott M., "Sustainability Assessment: A Framework and Measurement Tool for Chronic Disease Programs" Poster Presentation, 4th Annual NIH Conference on the Science of Dissemination and Implementation, March 21-22, 2011.

24. Cooper B., Elliott M. (presenting author), Copanas K., Haas B., Scharff D., "The Impact of the St. Louis Healthy Start Program on Perinatal Indicators" Poster Presentation, National Healthy Start Association 12th Annual Spring Conference, March 6-9, 2011.

25. Elliott M., Bopp C., Leey J., Duffy S., Armbrecht E., Tobin G. "Development and Impact of a Diabetes Self Management Education Program Led by Lay Volunteers in Community Settings" Poster Presentation, Abstract #1038-P, American Diabetes Association's 70th Scientific Sessions, June 25-29, 2010.

26. Elliott M. "Transport Physical Activity and Diabetes Risk in African Americans" Poster Presentation, 31st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, April 7, 2010.

27. Elliott M. et al. "Healthy eating and active living in Missouri: A state-wide policy assessment" Oral Presentation, APHA Annual Meeting, November 10, 2009.

28. Haire-Joshu D., Elliott M., Schermbeck R., Schwarz C., "Are School Wellness Policies Associated with Weight and Related Behaviors among Post Partum Teens?" Poster Presentation, Weight of the Nation Conference, National Association of Chronic Disease Directors, Washington, DC, July 27-29, 2009.

29. Haire-Joshu D., Elliott M., Schwarz C., Budd E., Norfolk M., "BALANCE: A Multilevel Intervention to Reduce Weight Retention among Postpartum Teens." Poster Presentation, International Society for Behavioral Nutrition and Physical Activity Annual Meeting, Portugal, June 17-20, 2009.

30. Elliott M. "Evaluating Environments and Protecting Public Health." Invited Lecture Saint Louis Academy of Science, April 14, 2009.

31. Bujnowski D., Elliott M., Haire-Joshu D., "Does a home based intervention for African American women reduce risk of type 2 diabetes?" Poster Presentation, 5th National Health Disparities Conference, Nashville, TN, 2007.

32. Deshpande A., Elliott M., Sefko J. "Understanding the context for physical activity in urban African Americans." Poster Presentation, NCI Cancer Control and Population Sciences Small Grants Grantee Meeting, Bethesda, MD, 2007.

33. Caito N., Elliott M., Lovegreen S., Brownson R., Jacobsen H., Kreuter M. "A community-wide computer tailored intervention: Findings from rural Missouri participant evaluations about tailored newsletters to increase walking habits." Poster Presentation, ADA, 2006.

34. Dodson E., Lovegreen S., Elliott M., Haire-Joshu D., Brownson R. "Worksite policies and incentives supporting physical activity in low-income, rural communities." Oral Presentation, APHA Annual Meeting, 2006.

35. Bante H., Hessler K., Harrod A., Elliott M., Haire-Joshu D. "Combating coercive feeding: High 5 for Kids observes fruit and vegetable consumption in relation to common parenting strategies. Poster presentation, American Dietetic Association, St. Louis, MO. October 22-25, 2005.

36. Bante H., Harrod A., Elliott M., Haire-Joshu D. "The short and long-term impact of coercive feeding strategies on children." Poster presentation, North American Association for the Study of Obesity, Vancouver, Canada. October 15-19, 2005.

37. Elliott M., Lovegreen S., Haire-Joshu D., McGill J., Brownson R. "Improving surveys assessing physical activity in rural populations: reliability of environmental and behavioral factors" Poster Presentation, 19th National Conference on Chronic Disease Prevention and Control, 2005.

38. Mushi-Brunt C., Elliott M., Haire-Joshu D. "Economic-related disparities in child and parent fruit and vegetable intake and body mass index." 19th Annual National Conference on Chronic Disease Prevention and Control, Atlanta, GA. February 2005.

39. Nanney M.S., Haire-Joshu D., Elliott M. "Child participation in snack and meal preparation positively affects preference for fruits and vegetables." 19th Annual National Conference on Chronic Disease Prevention and Control, Atlanta, GA. February 2005.

40. Osuji, TA, Lovegreen, SL, Brownson, RC, Elliott, MB. "Barriers to physical activity among women in a rural, medically underserved population." 19th Annual National Conference on Chronic Disease Prevention and Control, Atlanta, GA. February 2005.

41. Weidinger, K., Lovegreen, S., Elliott, M., Haire-Joshu, D., McGill, J., Brownson, RC. "An Investigation of the environment and diabetes risk in rural communities." 19th Annual National Conference on Chronic Disease Prevention and Control, Atlanta, GA. February 2005.

42. Harrod A., Hessler K., Elliott M., Haire-Joshu D., "Fruit and vegetable availability and consumption among rural parents who frequently eat away from home." Poster Presentation, APHA Annual Meeting, 2004.

43. Hessler K., Elliott M., Nanney M., Haire-Joshu D. "Keep trying: multiple phone attempts are necessary for young rural parents in community based studies." Poster Presentation, 18th National Conference on Chronic Disease Prevention and Control, 2004.

44. Nanney M.S., Haire-Joshu D., Brownson R., Elliott M., Kostelc J. "Disseminating High 5, Low Fat: Using Technology to Translate Research to Practice." Oral Presentation, Society for Behavioral Medicine, 2004.

45. Haire-Joshu D., Brownson R., Loman D., Mazdra B., Elliott M., "Is parental modeling of positive fruit and vegetable patterns associated with intake and weight of African American children?" Poster Presentation, Society of Behavioral Medicine, 2003.

46. Hoehner C.M., Brennan L.K., Brownson R.C., Cook R.A., Anderson M.Q., Meriwether B.D., Elliott M., Orleans C.T. "Applying innovative methods to assess the community

environment and its association with physical activity behavior." Oral Presentation, APHA Annual Meeting, 2003.

47. Heaney C.A., McGonigle T.H., Dellinger W., Elliott M., Wilkins J.R., Jepsen D., Bean T. "Tractor safety training for Ohio youth: Who needs it?" Poster Presentation, APHA Annual Meeting, 1999.

48. Crawford J., Strasser S., Sachs L., Elliott M., Gootee M. "A national population based study of patient satisfaction." Oral Presentation, International Congress on Performance Measurement and Improvement in Health Care, 1997.

49. Elliott M. et al. "Depression and perceived stress among cash grain farmers in Ohio." Roundtable Discussion, APHA Annual Meeting, 1995.

50. Elliott M. et al. "Perceived stress and depression among cash grain farmers in Ohio." Oral Presentation, Agricultural Safety & Health Detection Prevention & Intervention (NIOSH), 1994.

51. Heaney C.A., Elliott M., Wilkins J.R., Bean T.R. "Conflicts between farmers' and researchers' views on studying agricultural injuries." Oral Presentation, NIOSH Symposium on Occupational Efforts to Prevent Injury and Disease in Agricultural Workers, 1993.

Published Presentations (sorted by descending date):

1. Elliott M, Blackburn MC, Heard K, Milligan P, Cruz Bravo P, Tobin GS. Sustainability of a Real-Time Informatics Alert to Prevent Inpatient Severe Hypogylcemia. American Diabetes Association 78th Scientific Sessions Poster 397-P. Orlando, FL, June 22-26, 2018. Published in *Diabetes*, July 2018 67: Supplement 1 397-P https://doi.org/10.2337/db18-397-P

2. Blackburn MC, Herrick C, Bravo PC, Sterl K, O'Connor L, Elliott M, Heard K, Tobin G. A Systems Approach to Glycemic Management and Prevention of Severe Hyperglycemia in the Non-Critically Ill Hospitalized Patients. American Diabetes Association 77th Scientific Sessions Poster 665-P. San Diego, CA, June 9-13, 2017. Published in *Diabetes*, June 2017 66: Supplement 1 A173.

3. Elliott M, Blackburn MC, Heard K, Milligan P, Tobin GS. System-Wide Expansion of a Real-Time Informatics Alert to Prevent Inpatient Severe Hypogylcemia: Applying Research to Practice. American Diabetes Association 75th Scientific Sessions Poster 397-P. Boston, MA, June 5-9, 2015. Published in *Diabetes*, June 2015 64: Supplement 1 A101-A187.

4. Thompson B, Elliott M, Pastor R, McGill J, Tobin G. Marriage Can Be Murder; Impact of Spousal Behaviors on A1c in Type 1 DM. American Diabetes Association 73rd Scientific Sessions. Poster 830-P. Chicago, IL, June 21-25, 2013. Published in Diabetes, July 2013 62: Supplement 1 A172:A217.

5. Pratt E, Elliott M, Blackburn C, Schafers S, Heard K, Lynch J, Vlodarchyk C, McGill J, Kilpatrick R, Tobin G. Implementation of a Real-time Informatics Alert with Clinical Decision Support for Prevention of Severe Hypoglycemia. American Diabetes Association 73rd Scientific Sessions. Poster 403-P. Chicago, IL, June 21-25, 2013. Published in *Diabetes*, July 2013 62: Supplement 1 A99:A172.

6. Pratt E, Elliott M, Schafers S, Blackburn MC, Kilpatrick R, Heard K, Thoelke M, Lynch J, McGill J, Tobin GS. Prevention of Inpatient Severe Hypoglycemia with a Real-Time Informatics Alert. American Diabetes Association Meeting. Poster 843-P. Philadelphia, PA, June 8-12, 2012. Published in *Diabetes*, June 2012 61: Supplement 1 A212-A344.

7. Khoury N, Elliott M, Schafers S, Hampton N, Schrader A, Tobin GS, Silverstein JM. Implementation of a Carbohydrate Counting Protocol in Hospitalized Patients with Cystic Fibrosis-Related Diabetes. American Diabetes Association Meeting. Poster 1079-P. Philadelphia. PA, June 8-12, 2012. Published in *Diabetes*, June 2012 61: Supplement 1 A212-A344.

8. Kilpatrick R, Elliott M, Schafers S, Pratt E, Blackburn MC, Silverstein JM, Tobin GS. Resident's Insulin Management Knowledge across Specialties. American Diabetes Association Meeting. Poster 677-P. Philadelphia, PA, June 8-12, 2012. Published in *Diabetes*, June 2012 61: Supplement 1 A166-A212.

9. Elliott M., Armbrecht E., Bopp C., Tobin G. (presenting author), "Impact of a Lay-Led Diabetes Self management Program in community settings" Oral Presentation, Abstract # 233, American Diabetes Association's 71st Scientific Sessions, June 24-28, 2011. Published in *Diabetes*, July 2011 60: Supplement 1 A1-A104.

Publications (sorted by descending date):

1. Wray R., Nicks S., Adsul P., Elliot M., et al. (2022). Promoting informed prostate cancer screening decision-making for African American men in a community-based setting. *Cancer Causes & Control*, DOI: 10.1007/s10552-021-01544-9

2. Scharff D., Elliott M., Rechtenwald A., Allen J., Strand G. (2021). Evidence of effectiveness of a home visitation program on infant weight gain and breastfeeding. *Maternal and Child Health Journal*, https://doi.org/10.1007/s10995-020-03072-5

3. Swick, Zachary & Baker, Elizabeth & Elliott, Michael & Zelicoff, Alan. (2020). The Cascadia Subduction Zone earthquake: Will emergency managers be willing and able to report to work?. *Natural Hazards*. 103. 10.1007/s11069-020-04005-9.

4. Espiritu J., Allemyar A., Helwani M., Elliott M., Xaverius P. (2020). Factors associated with an emergency department or urgent care visit for asthma, United States in 2010. *Journal of Pulmonary & Respiratory Medicine,* 10:1.

5. Mueller E., Sandoval J.S., Mudigonda S., and Elliott M. (2019). Extending cluster-based ensemble learning through synthetic population generation for modeling disparities in health insurance coverage across Missouri. *Journal of Computational Social Science*, doi:10.1007/s42001-019-00047-7.

6. Mueller E., Sandoval J.S., Mudigonda S., and Elliott M. (2019). A cluster-based machine learning ensemble approach for geospatial data: estimation of health insurance status in Missouri. *International Journal of Geo-Information, 8, 13*; doi:10.3390/ijgi8010013.

7. Yang B., Qian Z., Li S., Chen G., Bloom M., Elliott M., Syberg K., et al. (2018). Ambient air pollution in relation to diabetes and glucose-homoeostasis markers in China: a cross-sectional study with findings from the 33 Communities Chinese Health Study. *Lancet Planet Health, 2*: e64-73.

8. Rebmann, T., Weaver, N., Elliott, M. B., DeClue, R., Patel, N., Schulte, L. (2018). Factors related to injury prevention programming by Missouri school nurses. *Journal of School Nursing, 34(4),* 292-300. PMCID: 28835171 DOI: https://doi.org/10.1177/1059840517727586

9. Diamond R., Brimhall A., Elliott M. (2018). Attachment and relationship satisfaction among first married, remarried, and post-divorce relationships. *Journal of Family Therapy, 40, S111-S127,* doi: 10.1111/1467-6427.12161.

10. Lewis R., Ong KH., Emo B., Kennedy J., Kesavan J., Elliott M. (2017). Resuspension of house dust and allergens during walking and vacuum cleaning. *Journal of Occupational & Environmental Hygiene* doi: 10.1080/15459624.2017.1415438.

11. Morshed A., Ballew P., Elliott M., Haire-Joshu D., Kreuter M., Brownson R. (2017). Evaluation of an online training for improving self-reported evidence-based decision-making skills in cancer control among public health professionals. *Public Health,* 152, 28-35.

12. Baker E.A., Elliott M., Barnidge E., Milne A., Estlund A., Brownson R., Motton-Kershaw F., Hashimoto D. (2017). Implementing and evaluating environmental and policy interventions for promoting physical activity: A mixed-methods study in rural schools. *Journal of School Health,*87(7), 538-545.

13. Chapnick M., Barnidge E., Sawicki M., and Elliott M. (2017). Healthy Options in Food Pantries-A qualitative analysis of factors affecting the provision of healthy food items in St. Louis, Missouri. *Journal of Hunger and Environmental Nutrition,* doi: 10.1080/19320248.2017.1284027.

14. Schootman M, Nelson EJ, Werner K, Shacham E, Elliott M, Ratnapradipa K, Lian M, McVay Al. Emerging technologies to measure neighborhood conditions in public health: implications for interventions and next steps. Int J Health Geographics. 2016;15(1):1-9.

15. Lorenz L., Sawicki M., Elliott M., and White M. (2016). Home Food Preservation Among Families with Young Children. *Journal of Family & Consumer Sciences,*108(3):48-55.

16. Elliott M., Litteken C., Wang X., Wirth L., and Xaverius P. (2016). The Role of Breastfeeding in Moderating the Association between Gestational Diabetes Mellitus and Later Diabetes Mellitus: A National Cross-Sectional Study. *Journal of Diabetes Medication and Care, 1(1)*.

17. Rebmann T., Arnold L., Elliott M., Gilbertson P., Wakefield M. (2016). Vaccination for child clients and employees in St. Louis childcare agencies: Vaccine uptake and policies versus parents' perceptions. *American Journal of Infection Control,* 44, 1010-5.

18. Rebmann T., Kunerth A., K., Zelicoff, A. Elliott M. B., and Wieldt H. F. (2016). Missouri K12 school collection and reporting of syndromic surveillance data: A cross sectional study. *BMC Public Health,* 16(103), 1-7.

19. Rebmann T., Elliott M. B., Artman D., VanNatta M., and Wakefield M. (2016). Impact of an Education Intervention on Missouri K-12 School Disaster and Biological Event Preparedness. *Journal of School Health, 86(11),* 794-802, DOI: 10.1111/josh.12435.

20. Subramaniam D., Baker E., Zelicoff A., Elliott M. (2016). Factors Influencing Seasonal Influenza Vaccination Uptake in Emergency Medical Services Workers: A Concept Mapping Approach. *Journal of Community Health,* 41(4),697-706.

21. Joseph M., Elliott M., Zelicoff A., Qian Z, Trevathan E., and Chang J. (2016). Racial Disparity in the Association between Body Mass Index and Self-Reported Asthma in children: A population-based study. *Journal of Asthma,* 53:5, 492-497, DOI: 10.3109/02770903.2015.1116084.

22. Rotter B., Elliott M., and Scharff D. (2016). The Impact of Dose and Duration of the Saint Louis Healthy Start Program and Prenatal Care Adequacy on Birth Outcomes. *Journal of Nursing Education and Practice, 6*(2), 123-129. http://dx.doi.org/10.5430/jnep.v6n2p123.

23. Clennin, M., Elliott, M., Kelly, C. (2015). The Effects of Neighborhood Enhancements on Children's Physical Activity. *Health Behavior and Policy Review,* 2(6), 421-428.

24. Rebmann, T., Elliott, M. B., Artman, D., VanNatta, M., Wakefield, M. (2015). Missouri K-12 school disaster and biological event preparedness and seasonal influenza vaccination among school nurses. *American Journal of Infection Control,* 43(10), 1028-1034.

25. Turner, J.S., Broom, K., Elliott, M., Lee, J. (2015). A Decomposition of Hospital Profitability: An Application of DuPont Analysis to the US Market. Health Services Research and Managerial Epidemiology. DOI: 10.1177/2333392815590397

26. Beatty, K.E., Mayer, J., Elliott, M., Brownson, R.C., Abdulloeva, S., Wojciehowski, K. (2015). Barriers and Incentives to Rural Health Department Accreditation. *J Public Health Manag Pract*. DOI: 10.1097/PHH.0000000000000264

27. Turner, J.S., Broom, K., Elliott, M., Lee, J. (2015). A Comparison of Capital Structure: The Use of Dept in Investor Owned and Not-For-Profit Hospitals. *Journal of Health Care Finance*, Spring 2015.

28. Ong, K.H., Emo, B., Lewis, R.D., Kennedy, J., Thummalakunta, L.N., Elliott, M. (2015). Inactivation of Mold Spores from Moist Carpet Using Steam Vapor: Contact Time and Temperature. *Journal of Occupational and Environmental Hygiene*, DOI:10.1080/15459624.2015.1009988

29. Beatty, K. E., Mayer, J., Elliott, M., Brownson, R. C., & Wojciehowski, K. (2014). Patterns and Predictors of Local Health Department Accreditation in Missouri. *J Public Health Manag Pract*. doi: 10.1097/PHH.0000000000000089

30. Kilpatrick, C. R., Elliott, M. B., Pratt, E., Schafers, S. J., Blackburn, M. C., Heard, K., . . . Tobin, G. S. (2014). Prevention of inpatient hypoglycemia with a real-time informatics alert. *J Hosp Med, 9*(10), 621-626. doi: 10.1002/jhm.2221

31. Luke DA, Calhoun A, Robichaux CB, Elliott MB, Moreland-Russell S. (2014). The Program Sustainability Assessment Tool: A New Instrument for Public Health Programs. *Prev Chronic Dis,*11:130184. DOI:http://dx.doi.org/10.5888/pcd11.130184

32. Raikar S, Halloran D, Elliott M, McHugh M, Patel S, Gauvain K. (2014) Outcomes of Pediatric Low-Grade Gliomas Treated with Radiation Therapy: A Single Institution Study. *Journal of Pediatric Hematology/Oncology,* 36:e366–e370.

33. Rebmann T, Elliott M, Swick Z, Reddick D. (2013). US School Morbidity and Mortality, Mandatory Vaccination, Institution Closure, and Interventions Implemented During the 2009 Influenza A H1N1 Pandemic. *Biosecurity and Bioterrorism*, 11(1), 41-48.

34. Mirecki R, Chou J, Elliott M, Schneider C. (2013). What Factors Influence Marital Satisfaction? Differences Between First and Second Marriages. *Journal of Divorce and Remarriage*, 54, 1-16.

35. Schell S, Luke D, Schooley M, Elliott M, Herbers S, Mueller N, Bunger A. (2013). Public Health Program Capacity for Sustainability: a New Framework. *Implementation Science*, 8:15.

36. Cooper, B. P., Scharff, D. P., Elliott, M., & Rotter, B. (2013). The Impact of SLHS Program on Perinatal Indicators. *Matern Child Health J.* 17(6), 1158-1165 doi: 10.1007/s10995-012-1101-0

37. Elliott, M. B., Schafers, S. J., McGill, J. B., & Tobin, G. S. (2012). Prediction and prevention of treatment-related inpatient hypoglycemia. *J Diabetes Sci Technol, 6*(2), 302-309.

38. Rebmann, T., Elliott, M. B., Reddick, D., & Swick, Z. D. (2012). US school/academic institution disaster and pandemic preparedness and seasonal influenza vaccination among school nurses. *American Journal of Infection Control, 40*(7), 584-589. doi: DOI 10.1016/j.ajic.2012.02.027

39. Brownson R, Dodson E, Stamatakis K, Casey C, Elliott M, Luke D, Wintrode C, Kreuter M. (2011). "Communicating Evidence-Based Information on Cancer Prevention to State-Level Policy Makers," *Journal of the National Cancer Institute*, 103.

40. Haire-Joshu D, Yount B, Budd E, Schwarz C, Schermbeck R, Green S, Elliott M. (2011). "The Quality of School Wellness Policies and Energy-Balance Behaviors of Adolescent Mothers," *Preventing Chronic Disease*, 8 (2).

41. Haire-Joshu D, Nanney MS, Elliott M**,** Davey C, Caito N**,** Loman D, Brownson RC, Kreuter MW. (2010). **"**The Use of Mentoring Programs to Improve Energy Balance Behaviors in High-risk Children," *Obesity*, 18:S75-S83.

42. Knoblock-Hahn A, Scharff D, Elliott M. (2010). "Cultural Competence in Dietetics Education Where We are Now and Where We Need to Go?" *Topics in Clinical Nutrition*, 25(4).

43. Haire-Joshu D., Elliott M., Schermbeck R., Taricone E., Green S., Brownson R. (2010). "Surveillance of obesity-related policies in multiple environments: the Missouri obesity, nutrition, and activity policy database." *Preventing Chronic Disease*, 7(4).

44. Brownson R., Ballew P., Kittur N., Elliott M., Haire-Joshu D., Krebill H., Kreuter M., (2009) "Developing competencies for training practitioners in evidence-based cancer control." *Journal of Cancer Education*, 24(3), 186-93.

45. Casey A., Elliott M., Glanz K., Haire-Joshu D., Lovegreen S., Saelens B., Sallis J., Brownson R. (2008) "Impact of the food environment and physical activity environment on behaviors and weight status in rural U.S. communities." *Preventive Medicine*, 47.

46. Dodson E., Lovegreen S., Elliott M., Haire-Joshu D., Brownson R. (2008) "Worksite policies and environments supporting physical activity in Midwestern communities." *American Journal of Health Promotion,* 22(3).

47. Bante H., Elliott M., Harrod A., Haire-Joshu D. (2008). "The use of inappropriate feeding practices by rural parents and their effect on preschoolers' fruit and vegetable preferences and intake." *Journal of Nutrition Education and Behavior,* 40, 28-33.

48. Haire-Joshu D., Elliott M., et al., (2008) "The High 5 for Kids program: the impact of a home visiting program on fruit and vegetable intake of preschool children and parents." *Preventive Medicine*, 47(1), 77-82.

49. Weidinger KA, Lovegreen SL, Elliott MB, Hagood L, Haire-Joshu D, McGill JB, Brownson, RC. (2008) "How to make exercise counseling more effective: lessons from rural America." *Journal of Family Practice*, 57(6), 394-402.

50. Mushi-Brunt C., Haire-Joshu D., Elliott M. (2007) "Food spending behaviors and perceptions are associated with fruit and vegetable intake among parents and their preadolescent children." *Journal of Nutrition Education,* 39(1).

51. Mushi-Brunt C., Haire-Joshu D., Elliott M., Brownson R. (2007) "Fruit and vegetable intake and obesity in preadolescent children: the role of neighborhood poverty and grocery store access." *American Journal of Health Education,* 38(5).

52. Brownson R., Ballew P., Brown K., Elliott M., Haire-Joshu D., Heath G., Kreuter M. (2007) "The effect of disseminating evidence-based interventions to promote physical activity in state and local health departments." *American Journal of Public Health,* 97(10).

53. Barlow S., Bobra S., Elliott M., Brownson R., Haire-Joshu D. (2007) "Recognition of childhood overweight during health supervision visits: Does BMI help pediatricians?" *Obesity,* 15(1).

54. Nanney M., Johnson S., Elliott M., Haire-Joshu, D. (2007) "Frequency of eating home grown produce is associated with higher intake among parents and their preschool children in rural Missouri." *Journal of the American Dietetic Association*, 107(4).

55. Nanney M.S., Haire-Joshu D., Brownson R., Elliott M., Kostelc J. (2007) "Awareness and adoption of a nationally disseminated dietary curriculum," *American Journal of Health Promotion*, 31(1).

56. Osuji, TA, Lovegreen, SL, Elliott, MB, Brownson, RC. (2006) "Barriers to physical activity among women in the rural midwest." *Women & Health*, 44(1).

57. Heaney C.A., Wilkins J.R., Dellinger W., McGonigle H., Elliott M., Bean T.L., Jepsen S.D. (2006) "Protecting young workers in agriculture: Participation in tractor certification training." *Journal of Agricultural Safety and Health,* 12(3), 181-90.

58. Hoehner C.M., Brennan L.K., Elliott M.B., Handy S.L., Brownson R.C. (2005) "Perceived and objective environmental measures and physical activity among urban adults." *American Journal of Preventive Medicine*, 28(2).

59. Arnold L., Elliott M., Lindsay R., et al. (2005). "Gestational and postnatal tobacco smoke exposure as predictor of ADHD, Comorbid ODD/CD, and Treatment Response in the MTA". *Clinical Neuroscience Research,* 5, 295-306.

60. Bender J., Brownson R., Elliott M., Haire-Joshu, D. (2005). "Children's physical activity: using accelerometers to validate a parent proxy record". *Medicine & Science in Sports & Exercise*, 37(8), 1409-1413.

61. Brownson R, Hagood L, Lovegreen S, Britton B, Caito N, Elliott M, et al. (2005) "A multi-level, ecological approach to promoting walking in rural communities." *Preventive Medicine*. 41(5-6).

62. Nanney, M.S., Haire-Joshu D., Elliott M., Hessler K., Brownson R. (2005) "Evaluating the concept of changeability to improve fruit and vegetable intake among school aged children." *Nutrition Journal,* 4(34).

63. Brownson R., Hoehner C., Brennan L., Cook R., Elliott M., McMullen K. (2004) "Reliability of two instruments for auditing the environment for physical activity". *Journal of Physical Activity and Health*.

64. Arnold L., Bird H., Elliott M., Sachs L., et al. (2003). "Effects of ethnicity on treatment attendance, stimulant dose, and 14-month outcome in ADHD." *Journal of Consulting and Clinical Psychology,* 71(4), 713-727.

65. Polivka B.J., Elliott M., Wolowich B. (2002) "Comparison of poison exposure data: NHIS Survey and TESS Data." *Journal of Clinical Toxicity,* 40(7), 839-845.

66. Polivka B.J., Dresbach S.H., Heimlich J.E., Elliott M. (2001) "Interagency relationships among rural early intervention collaboratives." *Public Health Nursing,* 18(5), 340-349.

67. Elliott M. et al. (1995). "Depression and perceived stress among cash grain farmers in Ohio." *Journal of Agricultural Safety and Health,* 1(3), 177-184.