

Krista Schroeder, PhD, RN

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A. BIO

Dr. Krista Schroeder is a nurse scientist whose research examines how social determinants of health influence obesity risk. Her methodological expertise includes large data analysis, community engaged research, and quantitative and statistical approaches for program and policy evaluation. She received her PhD from Columbia University and completed a Postdoctoral Fellowship in Research on Vulnerable Women, Children, and Families at University of Pennsylvania. Currently, she is an Assistant Professor of Nursing at the Temple University College of Public Health.

B. EDUCATION

Years	Degree	Institution
2018	Postdoctoral Fellowship - Research on Vulnerable Women, Children, and Families	University of Pennsylvania
2016	PhD - Nursing	Columbia University
2009	BSN - Nursing, <i>magna cum laude</i>	Bloomsburg University

C. RESEARCH EXPERIENCE

Years	Position	Institution
2018-present	Assistant Professor of Nursing	Temple University College of Public Health
2016-2018	Postdoctoral Fellow, Research on Vulnerable Women, Children, and Families (NINR T32NR007100, PI: Medoff-Cooper)	University of Pennsylvania School of Nursing
2016-2018	Postdoctoral Researcher, Community Academic Partnership to Increase Activity in Youth and Their Families (NICHD R13HD085960, PI: Lipman)	University of Pennsylvania School of Nursing
2015	Research Assistant, Estimating State-specific Potential Annual Healthcare Cost Savings from Reducing Obesity (NCI R01CA172814, PI: Wang)	Columbia University Mailman School of Public Health
2014-2016	Health Research Training Program Intern, Office of School Health	New York City Department of Health and Mental Hygiene
2013-2014	Research Assistant, Childhood Obesity Interventions - Evaluating the Cost-effectiveness of Strategies (JPB Foundation/Harvard University 260670-5061615, PI: Gortmaker)	Harvard T.H. Chan School of Public Health, Columbia University Mailman School of Public Health

2013-2016	Pre-doctoral Fellow, Comparative and Cost-effectiveness Training for Nurse Scientists (NINR T32NR013454, PI: Stone)	Columbia University School of Nursing - Center for Health Policy
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D. TEACHING AND MENTORING EXPERIENCE

Years	Position	Institution
2019	Guest Lecturer on <i>Engagement in Health Promotion Interventions: Health Promotion in Vulnerable Populations</i> (MPH-level course)	Temple University College of Public Health
2019-present	Faculty: Health Indices of Urban Populations (DNP course)	Temple University College of Public Health
2019-present	Faculty: Independent Study - <i>Evidence-based public health nursing interventions</i> (BSN course)	Temple University College of Public Health
2019	Faculty: Honors Program Independent Scholar Project - <i>SAS versus R: Determining the best statistical analysis tool for nurses</i> (BSN course)	Temple University College of Public Health
2019	Faculty: Independent Study - <i>The association between parents and children meeting physical activity guidelines</i> (BSN course)	Temple University College of Public Health
2018-present	Faculty Advisor: Honors Nursing Students	Temple University College of Public Health
2018	Faculty Advisor: Community Champions (Service learning program for BSN students to learn about social determinants of health through community engagement)	University of Pennsylvania School of Nursing
2018	Guest Lecturer on <i>School-based Childhood Obesity Interventions: Obesity and Society</i> (BS/BA-level course)	University of Pennsylvania School of Nursing
2018	Guest Speaker on <i>Navigating the Academic Job Search Process: Postdoctoral Student Organization</i>	Columbia University School of Nursing
2018	Organizing Committee Member: Inaugural PennVIEW Postdoctoral Diversity Initiative	University of Pennsylvania
2018	Guest Lecturer on <i>School-based Childhood Obesity Interventions: The Psychology of Eating Disorders and Obesity</i> (BS/BA-level course)	Drexel University College of Arts and Sciences
2018	Guest Speaker on <i>Navigating Your Pre-doctoral Training: Doctoral Student Organization Lunch-and-Discuss</i>	University of Pennsylvania School of Nursing

2018	Member: Inclusive Teaching Working Group	University of Pennsylvania Center for Teaching and Learning
2017-2018	Postdoctoral Course Advisor: Addressing Social Determinants of Health with Community Engagement Immersion (BSN-level course)	University of Pennsylvania School of Nursing
2016	Guest Lecturer on <i>Propensity Scores Methods: Advanced Methods in Health Services Research and Social Policy</i> (PhD-level course)	Columbia University School of Nursing
2015	Course Developer and Co-Faculty: Introduction to Statistical Computing with SAS (PhD-level course)	Columbia University School of Nursing
2015	Consultant: CCRN Examination Preparation	Board Vitals Inc.
2015	Teaching Assistant: Introduction to Evidence-based Practice (Masters-level course)	Columbia University School of Nursing
2007-2009	Peer Skill Evaluator: Nursing Simulation Lab (BSN-level lab)	Bloomsburg University School of Nursing

E. CLINICAL EXPERIENCE

Years	Position	Institution
2012-2013	Staff Nurse, Critical Care Float Pool (Cardiac ICU, Cardiothoracic ICU, Medical ICU, Neurosurgical ICU, Surgical ICU)	Columbia University Medical Center
2011-2012	Staff Nurse, Medical ICU	Thomas Jefferson University Hospital
2009-2011	Staff Nurse, Critical Care Float Pool (Burn ICU, Medical/Surgical ICU, Neurosurgical ICU, Trauma Neuro ICU)	Lehigh Valley Hospital and Health Network

F. RESEARCH GRANTS

2019-present	<i>Principle Investigator.</i> Association of school nurse staffing with student health and academic outcomes. National Association of School Nurses.
2019-present	<i>Co-investigator.</i> 2019 Community Violence Prevention/Reduction – Vaux Violence Prevention. Commonwealth of Pennsylvania. (PI: Kubik)
2019-present	<i>Co-investigator.</i> School nurse-directed secondary obesity prevention for elementary school children. NIH NINR R01. (PI: Kubik)
2017-2019	<i>Principle Investigator.</i> The impact of change in neighborhood poverty on BMI percentile. Pediatric Endocrine Nursing Society.
2015-2016	<i>Principle Investigator.</i> Evaluation of a School Nurse-led Childhood Obesity Program for Severely Obese New York City Public School Students. Sigma Theta Tau International.

G. PEER-REVIEWED PUBLICATIONS

Published manuscripts

- 1) **Schroeder, K.**, Kubik, M. Y., Lee, J., Sirard, J., & Fulkerson, J. Self-efficacy, not peer or parent support, is associated with more physical activity and less sedentary time among 8-12 year old youth with elevated body mass index. (In press.) Self-efficacy, not peer or parent support, is associated with more physical activity and less sedentary time among 8-12 year old youth with elevated body mass index. *Journal of Physical Activity and Health*.
- 2) **Schroeder, K.**, Deatrick, J., Klusaritz, H., Bowman, C., Williams, T., Lee, J., Mills, G., Privette, D., Earley, D., Aguiar, L., & Lipman, T. (2019). Using a community workgroup approach to increase access to physical activity in an under-resourced urban community. *Health Promotion Practice*. DOI: 10.1177/1524839919867649
- 3) **Schroeder, K.** & Kubik, M.Y. (2019). Policy, Systems, and Environmental Approaches to A Healthy School Environment. *Journal of Adolescent Health*. DOI: 10.1016/j.jadohealth.2019.04.011
- 4) **Schroeder, K.**, Garcia, B., Snyder Phillips, R., & Lipman, T. (2019). Addressing the social determinants of health through community engagement: An undergraduate nursing course. *Journal of Nursing Education*. DOI: 10.3928/01484834-20190614-07
- 5) **Schroeder, K.**, Klusaritz, H., Dupuis, R., Bolick, A., Graves, A., Lipman, T., & Cannuscio, C. (2019). Reconciling opposing perceptions of access to physical activity in a gentrifying urban neighborhood. *Public Health Nursing*. DOI: 10.1111/phn.12602
- 6) Sarwer, D. & **Schroeder, K.** (2019). Discussion of "The Relationship between Childhood Maltreatment and Psychopathology in Adults Undergoing Bariatric Surgery." *Surgery for Obesity and Related Diseases*. DOI: 10.1016/j.soard.2018.12.025
- 7) Deatrick, J., Klusaritz, H., Atkins, R., Bolick, A., Bowman, C., Lado, J., **Schroeder, K.**, & Lipman, T. (2018). Engaging with the Community to Promote Physical Activity in Urban Neighborhoods. *American Journal of Health Promotion*. DOI: 10.1177/0890117118807405.
- 8) **Schroeder, K.**, McCormick, R., Perez, G.A., & Lipman, T. (2018). The role and impact of community health workers in childhood obesity interventions: A systematic review and meta-analysis. *Obesity Reviews*. DOI: 10.1111/obr.12714
- 9) **Schroeder, K.**, Malone, S., McCabe, E., & Lipman, T. (2018). Addressing the social determinants of health: A call to action for school nurses. *Journal of School Nursing*. DOI: 10.1177/1059840517750733
- 10) **Schroeder, K.**, Ratcliffe, S., Perez, A., Earley, D., Bowman, C., & Lipman, T. (2017). Dance for Health: An intergenerational program to increase access to physical activity. *Journal of Pediatric Nursing: Special Issue on Social Determinants of Health*. DOI: 10.1016/j.pedn.2017.07.004
- 11) **Schroeder, K.**, Jia, H., Wang, Y.C., & Smaldone, A. (2017). Implementation of a school nurse-led intervention for children with severe obesity in New York City schools. *Journal of Pediatric Nursing*. DOI: 10.1016/j.pedn.2017.02.030
- 12) Travers, J., **Schroeder, K.**, Blaylock, T., & Stone, P. (2017). Racial/Ethnic Disparities in Influenza and Pneumococcal Vaccinations among Nursing Home Residents: A Systematic Review. *The Gerontologist*. DOI: 10.1093/geront/gnw193
- 13) **Schroeder, K.** & Smaldone, A. (2017). What barriers and facilitators do school nurses experience when implementing an obesity intervention? *Journal of School Nursing*. DOI: 10.1177/1059840517694967
- 14) **Schroeder, K.**, Jia, H., & Smaldone, A. (2016). Which propensity score method best reduces confounder imbalance? An example from a retrospective evaluation of a childhood obesity intervention. *Nursing Research*. DOI: 10.1097/NNR.000000000000187 **Manuscript selected by Editor for Invited Commentary and Open Access.**
- 15) **Schroeder, K.**, Travers, J., & Smaldone, A. (2016). Are school nurses an overlooked resource for reducing childhood obesity? A systematic review and meta-analysis. *Journal of School Health*. DOI: 10.1111/josh.12386
- 16) **Schroeder, K.**, Kulage, K., & Lucero, R. (2015). Beyond Positivism: Understanding and addressing childhood obesity disparities through a Critical Theory perspective. *Journal for Specialists in Pediatric Nursing*. DOI: 10.1111/jspn.12122

- 17) **Schroeder, K.** & Smaldone, A. (2015). Food insecurity: A concept analysis. *Nursing Forum*. DOI: 10.1111/nuf12118

H. PRESENTATIONS

Oral presentations - peer reviewed

- 1) **Schroeder, K.** & Lipman, T. (2019). The impact of neighborhood poverty on BMI trajectory. Pediatric Endocrine Nursing Society Conference, Long Beach, CA.
- 2) **Schroeder, K.**, Klusaritz, H., Dupuis, R., Bolick, A., Graves, A., Lipman, T., & Cannuscio, C. (2018). Reconciling opposing perceptions of access to physical activity in a gentrifying urban neighborhood. The Obesity Society ObesityWeek, Nashville, TN.
- 3) **Schroeder, K.**, Malone, S., McCabe, E., & Lipman, T. (2018). Addressing the social determinants of health: A call to action for school nurses. National Association of School Nurses Annual Conference, Baltimore, MD.
- 4) **Schroeder, K.**, McCormick, R., & Lipman, T. (2018). How does poverty impact childhood obesity? A summary of the research and implications for clinical practice. Pediatric Endocrine Nursing Society Conference, Bonita Springs, FL.
- 5) **Schroeder, K.**, Klusaritz, H., Dupuis, R., Bolick, A., Graves, A., Lipman, T., & Cannuscio, C. (2018). Differing perceptions of access to physical activity in a gentrifying urban neighborhood. Eastern Nursing Research Society Annual Scientific Sessions, Newark, NJ.
- 6) **Schroeder, K.** & Smaldone, A. (2017). What barriers and facilitators do school nurses experience when implementing an obesity intervention? Eastern Nursing Research Society Annual Scientific Sessions, Philadelphia, PA.
- 7) **Schroeder, K.**, Jia, H., & Smaldone, A. (2016). Reducing bias when using observational data to examine intervention effects: A comparison of three propensity score methods. Eastern Nursing Research Society Annual Scientific Sessions, Pittsburgh, PA.
- 8) **Schroeder, K.** & Smaldone, A. (2016). Development and evaluation of an introductory statistical computing class for first year doctoral nursing students. American Association of Colleges of Nursing 2016 Doctoral Education Conference, Naples, FL.

Oral presentation - invited

- 1) **Schroeder, K.** (2019). Addressing the social determinants of health: Potential for nursing impact. 56th Annual Isabel Maitland Stewart Conference on Research in Nursing, Columbia University Teachers College, New York, NY.
- 2) **Schroeder, K.** (2019). Understanding and Addressing Childhood Obesity Disparities. Drexel University Nutrition Seminar Series, Philadelphia, PA.
- 3) **Schroeder, K.**, Malone, S., McCabe, E., & Lipman, T. (2018). Addressing the social determinants of health: A call to action for school nurses. New York City Office of School Health Nursing Supervisors Meeting, New York, NY.
- 4) **Schroeder, K.** (2018). The impact of social determinants of health on obesity. Center for Obesity Research and Education Seminar Series, Temple University, Philadelphia, PA.
- 5) **Schroeder, K.** (2017). Using nurse-delivered interventions to reduce childhood obesity disparities. Drexel University Weight, Eating, and Lifestyle Science Center Seminar Series, Philadelphia, PA.
- 6) **Schroeder, K.** (2017). Evaluation of the Healthy Options and Physical Activity Program. New York City Office of School Health Annual Meeting, New York, NY.
- 7) **Schroeder, K.** & Deatrck, J. (2017). Community voices: Physical activity in West Philadelphia. Community-Academic Partnerships Conference, Philadelphia, PA.
- 8) **Schroeder, K.** (2017). Evaluation of a school nurse-led intervention for children with severe obesity in New York City schools. University of Toronto Faculty of Nursing Emerging Nurse Scholars Forum, Toronto, CA.
- 9) **Schroeder, K.** (2017). Evaluation of a school nurse-led obesity intervention in New York City schools. Center for Weight and Eating Disorders Seminar Series, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA.

- 10) **Schroeder, K.** (2015). Can schools help to reduce childhood obesity in NYC? Emeritus Professors in Columbia Tuesday Luncheon Conversations, New York, NY.
- 11) **Schroeder, K.** (2015). Research and evidence-based practice: What does it mean for nursing? Nursing Research and Evidence-based Practice Conference, New York, NY.
- 12) **Schroeder, K.** and Travers, J. (2015). Ebola awareness: Educating youth on the role of nurses. The Mott School, New York, NY.

Poster presentations - peer reviewed

- 1) **Schroeder, K.**, Kubik, M. Y., Lee, J., Sirard, J., & Fulkerson, J. (2019). Self-efficacy, not peer or parent support, is associated with physical activity and sedentary time among 8-12 year old youth with elevated body mass index. American Public Health Association Annual Meeting, Philadelphia, PA.
- 2) **Schroeder, K.**, McCormick, R., Perez, G. A., & Lipman, T. (2018). The role and impact of community health workers in childhood obesity interventions: A systematic review and meta-analysis. The Obesity Society ObesityWeek, Nashville, TN.
- 3) **Schroeder, K.**, Ratcliffe, S., Perez, A., Earley, D., Bowman, C., & Lipman, T. (2017). Evaluation of Dance for Health: An intergenerational program to increase access to physical activity. New York City Regional Obesity Forum, New York, NY.
- 4) **Schroeder, K.**, Jia, H., Wang, Y. C., & Smaldone, A. (2017). Evaluation of a school nurse-led severe obesity intervention in New York City schools: Implementation and impact on BMI percentile change, school absences, and school nurse visits. International Nurses Day Conference, Toronto, CA.
- 5) **Schroeder, K.**, Jia, H., Wang, Y. C., & Smaldone, A. (2016). Evaluation of a school nurse-led severe obesity intervention in New York City schools: Implementation and impact on BMI percentile change, school absences, and school nurse visits. The Obesity Society ObesityWeek, New Orleans, LA.
- 6) **Schroeder, K.**, Jia, H., Wang, Y. C., & Smaldone, A. (2016). Evaluation of a school nurse-led severe obesity intervention in New York City schools: Implementation and impact on BMI percentile change, school absences, and school nurse visits. New York City Regional Obesity Forum, New York, NY.
- 7) **Schroeder, K.**, Jia, H., & Smaldone, A. (2016). Which propensity score method best reduces bias? An example from a retrospective evaluation of a childhood obesity intervention. Academy Health Annual Research Meeting, Boston, MA.
- 8) **Schroeder, K.** & Smaldone, A. (2016). Demographic and behavioral characteristics of kindergarten to 5th grade youth with severe obesity attending New York City public schools. Eastern Nursing Research Society Annual Scientific Sessions, Pittsburgh, PA.
- 9) **Schroeder, K.** & Smaldone, A. (2015). The relationship between food insecurity and childhood obesity: A systematic review. Academy Health Annual Research Meeting, Minneapolis, MN.
- 10) **Schroeder, K.**, Travers, J., & Smaldone, A. (2015). The impact of nurses in school-based childhood obesity interventions: A systematic review. Eastern Nursing Research Society Annual Scientific Sessions, Washington, DC.
- 11) **Schroeder, K.** & Smaldone, A. (2015). Food insecurity: A concept analysis. Eastern Nursing Research Society Annual Scientific Sessions, Washington, DC.
- 12) **Schroeder, K.** (2009). The correlation between physical activity and academic performance of college students. National Collegiate Honors Council Conference, San Antonio, TX.

I. HONORS AND AWARDS

Years	Honor/Award	Organization
2018	Early Career Nurse Scientist	Council for the Advancement of Nursing Science Duck-Hee Kang Memorial Mentored Workshop
2017-2018	Fellow - Center for Public Health Initiatives	University of Pennsylvania
2018	Technical Expert Panelist - Accredited Health Professional Training/Education in Childhood/Adolescent Obesity	U.S. Department of Health and Human Services

2017	Outstanding Dissertation Award	Columbia University School of Nursing
2017	Emerging Nurse Scholar	University of Toronto Faculty of Nursing
2017	Presidential Scholar - Institute on Advocacy and Public Policy	Academy Health
2016	First Place Doctoral Student Podium Presentation - Annual Scientific Sessions	Eastern Nursing Research Society
2015	Inducted Student Fellow	New York Academy of Medicine
2015	Student Leader Award	Columbia University School of Nursing
2015	Second Place Doctoral Student Poster Presentation - Annual Scientific Sessions	Eastern Nursing Research Society
2009	Nominee - Collegiate All-American Scholar Award	United States Achievement Academy
2005	Outstanding Freshman Award	Bloomsburg University Phi Kappa Phi
2004-2009	University Honors Program	Bloomsburg University
2004-2009	Dean's List	Bloomsburg University

J. ADDITIONAL RESEARCH TRAINING

Years	Training	Organization
2019	Introduction to Multilevel Analysis for Urban Health Research	Drexel University Dornsife School of Public Health
2019	Geographic Information Systems (GIS) and Public Health	University of Pennsylvania Center for Public Health Initiatives
2018-2019	Grant Academy	Hanover Research
2018	Community Engagement as a Professional Skill	University of Pennsylvania Perelman School of Medicine
2018	Writing/Designing NIH Grant Proposals	Grant Training Center
2017	Strategies and Tactics for Preparing NIH K Award Applications: A Suite of Hands-On Events	Beth Schachter Consulting and University of Pennsylvania Biomedical Postdoctoral Program

2017	Junior Investigators Symposium	University of Pennsylvania Institute for Translational Medicine and Therapeutics and Children’s Hospital of Philadelphia
2017	Institute on Advocacy and Public Policy	Academy Health
2017	Winter Institute on Qualitative Research Methods	University of Pennsylvania Center for Public Health Initiatives
2016	Advanced Qualitative Methods	University of Pennsylvania School of Nursing Advanced Qualitative Collective
2015	Obesity for Healthcare Professionals	Columbia University Institute of Human Nutrition
2014	Graduate Summer Institute of Epidemiology and Biostatistics: Comparative Effectiveness Research and Outcome Measurement	Johns Hopkins Bloomberg School of Public Health

K. ADDITIONAL PEDAGOGICAL TRAINING

Years	Training	Organization
2019	Developing Rubrics	Temple University Center for the Advancement of Teaching
2019	Online Teaching	Temple University College of Public Health
2019	Communication Strategies for Discussion about Race, Macroaggressions, and Unconscious Bias	Delaware Valley Regional Planning Commission
2019	Impact of Racism and Trauma and Learning How to Work with People Who Have Been Traumatized	Delaware Valley Regional Planning Commission
2019	Mental Health First Aid	ThriveNYC, City of New York
2016-2018	Teaching Workshop Series	University of Pennsylvania Center for Teaching and Learning and Graduate Student Center
2016	Nurse Faculty Loan Program Education Minor	Columbia University School of Nursing
2016	Critical Theory and Adult Learning	Columbia University Teachers College Center for Adult Learning and Leadership

L. GRANTS FOR SERVICE ACTIVITIES

- 2017-2018 *Co-investigator.* PennVIEW Postdoctoral Diversity Initiative. University of Pennsylvania Office of the Provost. (PI: Weiss)

- 2015 *Co-Principal Investigator.* Doctoral Student Organization: Festivals and Celebrations Around the World. Kraft Family Fund for Interfaith and Intercultural Awareness. (Co-PI: Travers).

- 2015 *Co-Principal Investigator.* Columbia Nursing Doctoral Student Organization Spring Town Halls. Columbia University Graduate Student Advisory Council. (Co-PI: Travers).

M. SERVICE ACTIVITIES

Years	Activity	Organization
2019-present	Counselor	Sigma Theta Tau Nursing Honor Society, Kappa Chi Chapter
2019	Faculty Judge - College of Public Health Research Day	Temple University College of Public Health
2019-present	Advisory Board Member	Mabel Morris Family Home Visiting Program; Nurse Family Partnership
2019-present	Member, Teaming Up For Trauma Informed Care at Temple Initiative	Temple University College of Public Health
2019	Guest Lecturer on Physical Activity and Cardiovascular Disease	Franklin Institute STEM Scholars
2018-present	Health Services Advisory Council Member	Community Development Institute Head Start
2018-present	Steering Committee Member - Office of Community Engaged Research and Practice	Temple University College of Public Health
2018-present	Peer reviewer	American Public Health Association, Appetite, Obesity, Obesity Science and Practice, Journal of Adolescent Health, Journal of Pediatrics, Journal of School Nursing, Childhood Obesity, Nursing Research, Eastern Nursing Research Society
2017-2019	Early Career Representative - Research in Diverse Populations Section	The Obesity Society
2017-2018	Alumni Admissions Ambassador	Columbia University School of Nursing

2017-2018	Diversity Committee Member	University of Pennsylvania Biomedical Postdoctoral Council
2016-2017	Coach	Girls on the Run - Philadelphia Chapter
2015	Volunteer Activities Coordinator and Executive Board Member	Columbia University School of Nursing Doctoral Student Organization
2014-2015	Founder	Gloves4Gloves Ebola Relief 501c3
2012-2015	Medical Team Nurse	New York Road Runners
2011-2013	Youth and Community Services Volunteer	New York Road Runners
2010-2012	Health Education Volunteer	Little Bears Learning Center

N. LICENSURES AND CERTIFICATIONS

Years	License	Licensors
2009-present	Registered Nurse	Pennsylvania, New York