

# Casey Crump, MD, PhD, MS, MPH

September 2023

## CONTACT INFORMATION

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## EDUCATION

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1990 BA in Plan II Honors Program (Liberal Arts)  
University of Texas at Austin, Austin, TX

1994 MD  
Tulane University, New Orleans, LA

1994 MPH & TM (Public Health and Tropical Medicine)  
Tulane University, New Orleans, LA

1998 PhD in Epidemiology  
University of Washington, Seattle, WA

1998 MS in Biostatistics  
University of Washington, Seattle, WA

2005 MAT in Biblical Studies and Theology  
Fuller Theological Seminary, Northwest Campus, Seattle, WA

## CLINICAL TRAINING

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1994-1995 Internship, Internal Medicine Residency Program  
Hennepin County Medical Center, Minneapolis, MN

2002-2004 Family Medicine Residency Program  
University of Washington, Seattle, WA

## BOARD CERTIFICATION

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2004-present American Board of Family Medicine (1049143781)

## MEDICAL LICENSURE

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1996- Louisiana (MD.11982R)  
 2004- Washington (MD00043418)  
 2007- California (A102294)  
 2015- New York (282526)  
 2023- Texas (U1485)

## ACADEMIC APPOINTMENTS

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2004-2007 Clinical Instructor, Department of Family Medicine, University of Washington, Seattle, WA

2007-2014 Clinical Assistant Professor of Medicine, Department of Medicine, Stanford University, Stanford, CA

2011-2015 Research Associate, Center for Primary Health Care Research, Department of Clinical Sciences, Lund University, Malmö, Sweden

2014-2015 Associate Professor of Medicine, Department of Medicine, Stanford University, Stanford, CA

2014-2015 Founding Director, Center for Primary Care Research, Stanford University, Stanford, CA

2014-2015 Member, Stanford Center for Population Health Sciences, Stanford University, Stanford, CA

2014-2015 Associate Member, Stanford Cancer Institute, Population Science Program, Stanford University, Stanford, CA

2016-2023 Professor and Vice Chair for Research, Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, New York, NY

2016-2023 Professor, Department of Population Health Science and Policy, Icahn School of Medicine at Mount Sinai, New York, NY

2016-2023 Member, Institute for Translational Epidemiology (ITE), Icahn School of Medicine at Mount Sinai, New York, NY

2016-2023 Member, Center for Biostatistics, Icahn School of Medicine at Mount Sinai, New York, NY

2016-2023 Member, Institute for Healthcare Delivery Science (I-HDS), Icahn School of Medicine at Mount Sinai, New York, NY

2016-2023 Member, Center for Health Equity and Community Engaged Research

- (CHECER), Icahn School of Medicine at Mount Sinai, New York, NY
- 2016-2023 Associate Member, Tisch Cancer Institute (TCI), Cancer Prevention and Control (CPC) Program, Icahn School of Medicine at Mount Sinai, New York, NY
- 2019-2023 Member, Blavatnik Family Women's Health Research Institute (BFWHRI), Icahn School of Medicine at Mount Sinai, New York, NY
- 2023- Professor and Vice Chair of Population Health, Department of Family and Community Medicine, McGovern Medical School, The University of Texas Health Science Center at Houston (UTHealth), Houston, TX
- 2023- Professor, Department of Epidemiology, Human Genetics and Environmental Sciences, School of Public Health, The University of Texas Health Science Center at Houston (UTHealth), Houston, TX

### HOSPITAL APPOINTMENTS

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- 2004-2007 Faculty, University of Washington Medical Center, Seattle, WA
- 2004-2007 Faculty, Harborview Medical Center, Seattle, WA
- 2004-2007 Faculty, Overlake Hospital Medical Center, Bellevue, WA
- 2007-2015 Faculty, Stanford Hospital and Clinics, Palo Alto, CA
- 2007-2015 Faculty, Lucile Packard Children's Hospital at Stanford, Palo Alto, CA
- 2016-2023 Faculty, Mount Sinai Hospital, New York, NY
- 2023-present Faculty, Memorial Hermann Texas Medical Center, Houston, TX

### OTHER PROFESSIONAL POSITIONS

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- 1994 Visiting Scholar, Centers for Disease Control and Prevention (CDC), National Center for Environmental Health (NCEH), Atlanta, GA
- 1995 Visiting Scientist, NIH/National Institute for Environmental Health Sciences (NIEHS), Research Triangle Park, NC
- 1995-1999 Research Fellow, Public Health Sciences Division, Fred Hutchinson Cancer Research Center, Seattle, WA
- 1998-2002 Senior Research Associate, Epidemiology/Biostatistics, ICF Consulting, Inc., Seattle, WA
- 1999-2000 Senior Research Fellow, Department of Dental Public Health Sciences, University of Washington, Seattle, WA
- 2000-2002 Research Scientist, Cardiovascular Health Study Coordinating Center, Department of Biostatistics, University of Washington, Seattle, WA
- 2008-2014 Attending Faculty, After Hours Pediatric Clinic, Lucile Packard Children's Hospital at Stanford, Palo Alto, CA
- 2012-2015 Faculty Affiliate, Stanford Center on Longevity, Stanford University, Stanford, CA
- 2016-2023 Attending Faculty, Family Health Center of Harlem, Institute for Family Health, New York, NY
- 2017-2023 Fellow, New York Academy of Medicine (NYAM), New York, NY

### HONORS AND AWARDS

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1986	First Place Overall Winner, Advanced Math, Louisiana State Literary Rally
1986-1987	Dean's Scholars Honors Program, College of Natural Sciences, The University of Texas at Austin
1987-1990	Plan II Honors Program, College of Liberal Arts, The University of Texas at Austin
1990	Highest Honors Graduate, The University of Texas at Austin
1990	Special Honors Graduate, Plan II Honors Program, The University of Texas at Austin
1990	Phi Beta Kappa Honor Society
1990	Phi Kappa Phi Honor Society
1995-1998	NIH/National Cancer Institute (NCI) Training Grant for Cancer Epidemiology and Biostatistics, University of Washington
1998-1999	Interdisciplinary Training Program Fellowship, Fred Hutchinson Cancer Research Center
1999-2000	NIH/National Institute for Dental and Craniofacial Research (NIDCR) Training Grant for Epidemiology and Biostatistics, University of Washington
2013	Top Paper in School Health, Council on School Health, American Academy of Pediatrics (Awarded to Crump et al, "Chronic health conditions and school performance among children and youth", <i>Ann Epidemiol</i> 2013; 23:179-84)
2013	Article of the Month, September 2013, Lund Medical Faculty Monthly, Lund University, Malmö, Sweden (Awarded to Crump et al, "Mental disorders and risk of accidental death", <i>Br J Psychiatry</i> 2013; 203:297-302)
2017-2022	Fellowship Member, New York Academy of Medicine (NYAM), New York, NY
2018	Senior Leader Program, Association of Departments of Family Medicine (ADFM), Washington, DC, February 2018
2018-2019	Outstanding Clinical Preceptor, Ambulatory Care-Geriatrics Medical Student Clerkship, Departments of Medicine and of Geriatrics and Palliative Medicine, Icahn School of Medicine at Mount Sinai, New York, NY
2020	NIH/National Institute on Alcohol Abuse and Alcoholism (NIAAA) Research Highlights Award, Director's Report on Institute Activities to the 155th Meeting of the National Advisory Council on Alcohol Abuse and Alcoholism (Awarded to Crump et al, "Healthcare utilisation prior to suicide in persons with alcohol use disorder: National cohort and nested case-control study", <i>Br J Psychiatry</i> 2020; 217:710-6)
2021	Distinguished Paper Presentation (Top 3 Paper), "Preterm Delivery and Long-term Risk of Heart Failure in Women: A National Cohort Study", North American Primary Care Research Group (NAPCRG) Annual Meeting, Quebec City, Canada, November 2021 (Virtual due to COVID-19 pandemic)
2022-2023	Leadership Education for Academic Development and Success (LEADS) Fellowship Program, Association of Departments of Family Medicine (ADFM)

## PROFESSIONAL ORGANIZATIONS

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2002-	Member, American Academy of Family Physicians (AAFP)
2012-	Member, American Public Health Association (APHA)
2013-	Member, International Epidemiological Association (IEA)
2015-	Member, North American Primary Care Research Group (NAPCRG)
2015-	Member, NAPCRG Research Directors Group
2017-	Fellow, New York Academy of Medicine (NYAM)
2018-	Member, Society for Epidemiologic Research (SER)

2018- Associate Member, Association of Departments of Family Medicine (ADFM)

## PROFESSIONAL SERVICE

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### NIH working groups and review panels

Invited Scientist and Speaker, Trans-NIH Working Group on Adults Born Preterm, National Institutes of Health (NIH), Rockville, MD, August 2015.

Chair, Trans-NIH Working Group on “Cohort studies and epidemiological challenges”, Adults Born Preterm: Epidemiology and Biological Basis for Adult Outcomes Conference, National Institutes of Health (NIH), Rockville, MD, August 2015.

Reviewer, National Cancer Institute (NCI), Omnibus Special Emphasis Panel/Scientific Review Group (ZCA1 SRB-5 M1), Bethesda, MD, March 2017.

Reviewer, National Cancer Institute (NCI), Special Emphasis Panel/Scientific Review Group (ZRG1 PSE-H 50), Cancer-Related Behavioral Research through Integrating Existing Data, Bethesda, MD, June 2017.

Reviewer, National Cancer Institute (NCI), Special Emphasis Panel/Scientific Review Group (ZRG1 PSE-H 57), Cancer-Related Behavioral Research through Integrating Existing Data, Bethesda, MD, September 2017.

Reviewer, National Institute for Mental Health (NIMH), Special Emphasis Panel/Scientific Review Group (2018/05 ZMH1 ERB-D 05 S), Addressing Suicide Research Gaps: Understanding Mortality Outcomes (R01), Bethesda, MD, March 2018.

Reviewer (Ad Hoc), NIH Special Emphasis Panel/Scientific Review Group (2018/10 SSPA R), Social Sciences and Population Studies A (SSPA) Study Section, Washington, DC, June 2018.

Reviewer (Ad Hoc), NIH Cancer, Heart, and Sleep Epidemiology A (CHSA) Study Section, Washington, DC, June 2018.

Reviewer, National Cancer Institute (NCI), Special Emphasis Panel/Scientific Review Group (2019/10 ZRG1 RPHG-R 56 R), PAR Panel: Cancer-related Behavioral Research, Bethesda, MD, June 2019.

Co-Chair and Reviewer, National Institute on Minority Health and Health Disparities (NIMHD), Special Emphasis Panel/Scientific Review Group (2020/08 ZMD1 DRI A2 R), Addressing Racial Disparities in Maternal Mortality and Morbidity (R01) PAR, Bethesda, MD, July 2020.

Standing Member, NIH Social Sciences and Population Studies A (SSPA) Study Section, 2021-2027.

### Other national committees and review groups

External Scientific Reviewer for *National Research Council Report: Arsenic in Drinking Water*, 1999.

Scientific Reviewer, North American Primary Care Research Group (NAPCRG) Annual Meeting, Colorado Springs, CO, November 2016.

Scientific Reviewer, North American Primary Care Research Group (NAPCRG) Annual Meeting, Montreal, Canada, November 2017.

Scientific Moderator, "Research Methodology and Instrument Development", North American Primary Care Research Group (NAPCRG) Annual Meeting, Montreal, Canada, November 2017.

Scientific Reviewer, American Public Health Association (APHA) Annual Meeting and Expo, Epidemiology Program, San Diego, CA, November 2018.

Scientific Reviewer, North American Primary Care Research Group (NAPCRG) Annual Meeting, Chicago, IL, November 2018.

Member, Research Development Committee, Association of Departments of Family Medicine (ADFM), 2018-present.

Scientific Reviewer, American Public Health Association (APHA) Annual Meeting and Expo, Epidemiology Program, Philadelphia, PA, November 2019.

Scientific Reviewer, North American Primary Care Research Group (NAPCRG) Annual Meeting, Toronto, Canada, November 2019.

Scientific Moderator, "Research Methodology and Instrument Development", North American Primary Care Research Group (NAPCRG) Annual Meeting, Toronto, Canada, November 2019.

Scientific Reviewer, North American Primary Care Research Group (NAPCRG) Annual Meeting, Phoenix, AZ, November 2022.

### **Manuscript review**

Alzheimer's & Dementia  
American Journal of Epidemiology  
American Journal of Preventive Medicine  
American Journal of Psychiatry  
Annals of Epidemiology  
Annals of Family Medicine  
Annals of Oncology  
Archives of Suicide Research  
Autism Research  
Blood  
BMC (BioMed Central) Cancer  
BMC Health Services Research  
BMC Medicine  
BMC Pediatrics  
BMC Pregnancy and Childbirth  
BMC Public Health  
Brain and Behavior  
British Medical Journal (BMJ)  
BMJ Open

Cancer Causes & Control  
Cancer Epidemiology, Biomarkers & Prevention  
Cleveland Clinic Journal of Medicine  
Clinical Epidemiology  
Diabetes Care  
Diabetologia  
Early Human Development  
European Heart Journal  
European Journal of Epidemiology  
Family Medicine  
Family Medicine and Community Health  
Frontiers in Pediatrics  
Heart  
Hematology  
International Journal of Epidemiology  
Journal of Affective Disorders  
Journal of the American College of Cardiology (JACC)  
JACC: Advances  
Journal of the American Medical Association (JAMA)  
JAMA Internal Medicine  
JAMA Network Open  
JAMA Pediatrics  
JAMA Psychiatry  
Journal of Clinical Medicine  
Journal of Developmental Origins of Health and Disease  
Journal of Epidemiology and Community Health  
Journal of Evidence-Based Medicine  
Journal of Health Care for the Poor and Underserved  
Journal of Internal Medicine  
Journal of Maternal-Fetal & Neonatal Medicine  
Journal of the National Cancer Institute (JNCI)  
Journal of Occupational and Environmental Medicine  
Journal of Pediatrics  
Journal of Perinatology  
Journal of Psychiatric Research  
Journal of Psychosomatic Research  
Journal of Sport and Health Science  
Journal of Women's Health  
The Lancet Public Health  
New England Journal of Medicine (NEJM)  
Nicotine & Tobacco Research  
Nutrition, Metabolism & Cardiovascular Diseases  
Paediatric and Perinatal Epidemiology  
Pediatric Research  
Pediatrics  
Pediatrics and Neonatology  
PLOS Medicine  
PLOS One  
Primary Health Care Research & Development  
Psychiatry Research  
Scandinavian Journal of Primary Health Care

Scientific Reports  
Upsala Journal of Medical Sciences

## **INSTITUTIONAL SERVICE**

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### **Leadership**

Founding Director, Center for Primary Care Research, Stanford University, 2014-2015  
Responsibilities include developing primary care research in the Department of Medicine; directing the research seed grant program; and providing consultation to faculty and fellows on study design, analysis, interpretation and publication of findings.

Vice Chair for Research, Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, 2016-2023  
Responsibilities include developing the research agenda for the Department of Family Medicine and Community Health; supervising research fellows in the Empire Clinical Research Investigator Program (ECRIP), funded by the New York State Department of Health; and mentoring other research activities among students, medical residents, fellows, and faculty.

Vice Chair of Population Health, Department of Family and Community Medicine, McGovern Medical School, The University of Texas Health Science Center at Houston (UTHealth), 2023-present  
Responsibilities include developing the population health research agenda and mentoring faculty and trainees in the Department of Family and Community Medicine; and facilitating interdepartmental collaborations in population health.

### **Committees**

Grant Review Committee, Spectrum Innovation Accelerator Seed Grants in Population Health Sciences, Stanford Center for Clinical and Translational Research and Education, Stanford University, Stanford, CA, December 2013.

Faculty Search Committee, Stanford Family Medicine, Department of Medicine, Stanford University, Stanford, CA, April 2014.

Dean's Research Leaders Committee, Icahn School of Medicine at Mount Sinai, New York, NY, 2016-2022.

Research Review Committee, Institute for Family Health, New York, NY, 2016-2023.

Faculty Search Committee, Institute for Healthcare Delivery Science, Icahn School of Medicine at Mount Sinai, New York, NY, February 2016.

Faculty Leadership Committee, Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, New York, NY, 2016-2023.

Psychosocial Research Committee, Institute for Family Health, New York, NY, 2016-2019.

Clinical and Population Science Research Committee (CPSRC), Tisch Cancer Institute (TCI), Icahn School of Medicine at Mount Sinai, New York, NY, 2016-2017.

Faculty Council, Icahn School of Medicine at Mount Sinai, New York, NY, 2017-2022.

Population Sciences Steering Committee, Tisch Cancer Institute (TCI), Cancer Prevention and Control Program, Icahn School of Medicine at Mount Sinai, New York, NY, 2017-2019.

Faculty Search Committee, Institute for Translational Epidemiology (ITE) and Tisch Cancer Institute (TCI) Cancer Prevention and Control Program, Icahn School of Medicine at Mount Sinai, New York, NY, 2017-2019.

Scientific Review Group, ConduITS, Clinical and Translational Science Award (CTSA) Program, 2020 KL2 Research Career Development Award, Icahn School of Medicine at Mount Sinai, New York, NY, March-April 2020.

## SELECTED INVITED TALKS

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### International

*Cohort studies of preterm birth, mental disorders, and childhood cancer.* Center for Primary Health Care Research, Lund University, Malmö, Sweden, August 2013.

*Premature mortality in persons with mental disorders.* European Congress of Epidemiology, Aarhus, Denmark, August 2013.

*Height, weight, and aerobic fitness in relation to risk of atrial fibrillation.* North American Primary Care Research Group (NAPCRG) Annual Meeting, Montreal, Canada, November 2017.

*Primary care interventions to reduce diabetes health disparities.* North American Primary Care Research Group (NAPCRG) Annual Meeting, Montreal, Canada, November 2017.

*Preterm birth and mortality into mid-adulthood: A cohort study of 4 million people.* North American Primary Care Research Group (NAPCRG) Annual Meeting, Toronto, Canada, November 2019.

*Improving causal inference on the role of early-life factors in lifelong health.* Life History Research Society Conference, Oxford University, Oxford, England, July 2020 (Invited speaker; conference postponed due to COVID-19 outbreak).

*Adult health outcomes after preterm birth.* The Imperial College Neonatal Update: The Science of Newborn Care. Imperial College London, London, England, November 2020 (Invited speaker; virtual due to COVID-19 pandemic).

*Preterm delivery and long-term cardiovascular outcomes and mortality in women.* Royal Australian and New Zealand College of Obstetricians and Gynaecologists (RANZCOG) Annual Scientific Meeting, February 2021 (Invited guest speaker; declined).

*Preterm delivery and long-term risk of heart failure in women: A national cohort study.* North American Primary Care Research Group (NAPCRG) Annual Meeting, Quebec City, Canada, November 2021 (Awarded "Distinguished Paper Presentation" [Top 3 Paper]; virtual due to COVID-19 pandemic).

*Lifelong outcomes of preterm birth* (Plenary Speaker). XXVIII European Congress of Perinatal Medicine, Plenary on Influences and Outcomes of Preterm Birth, University of Lisbon, Lisbon, Portugal, June 2022 (Virtual due to COVID-19 pandemic).

*Preterm birth and lifelong health — what can we learn from register studies?* Sigrid Jusélius Symposium, Preterm Birth — Causes, Consequences, Treatment and Lifelong Outcomes, Helsinki, Finland, Scheduled for June 2024.

## **National**

*Early term birth and long-term mortality.* American Public Health Association (APHA) Annual Meeting, San Francisco, CA, October 2012.

*Preterm birth and other early-life risk factors for chronic disease.* Research Seminar, Department of Family Medicine, University of Michigan, Ann Arbor, MI, April 2015.

*Birth history is forever: Early-life risk factors for chronic disease.* General Internal Medicine Grand Rounds, Department of Medicine, Vanderbilt University, Nashville, TN, May 2015.

*Early-life risk factors for chronic disease and mortality.* Research Seminar, Department of Family Medicine, University of Colorado, Denver, CO, June 2015.

*Methodologic challenges in cohort studies of preterm-born adults.* Adults Born Preterm: Epidemiology and Biological Basis for Adult Outcomes Conference, Trans-NIH Working Group, National Institutes of Health (NIH), Rockville, MD, August 2015.

*Gestational age and risk of venous thromboembolism from birth through young adulthood.* Adults Born Preterm: Epidemiology and Biological Basis for Adult Outcomes Conference, Trans-NIH Working Group, National Institutes of Health (NIH), Rockville, MD, August 2015.

*A life course approach to chronic disease risks.* Grand Rounds, Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, New York, NY, June 2019.

*National cohort studies of long-term health outcomes after preterm birth.* Grand Rounds, Department of Pediatric Newborn Medicine, Brigham and Women's Hospital/Harvard Medical School, Boston, MA, May 2021.

*Adult health outcomes after preterm birth.* Grand Rounds, Department of Obstetrics and Gynecology, Jamaica Hospital Medical Center (JHMC), New York, NY, October 2021.

*Adult health outcomes after preterm birth: A life course approach to chronic disease risks.* The Henry W. Withers Endowed Lecture in Family Medicine, Department of Family and Community Medicine, McGovern Medical School, UTHealth, Houston, TX, July 2022.

*Strategies for enhancing research development in a family medicine department.* Leadership Education for Academic Development and Success (LEADS) Fellowship Program, Association of Departments of Family Medicine (ADFM), February 2023.

## **Institutional**

*National cohort studies of medical and psychiatric chronic disorders.* General Medical Disciplines Research Seminar, Department of Medicine, Stanford University, Stanford, CA, April 2013.

*Swedish cohort studies of physical and mental health outcomes.* Epidemiology Research Seminar, Department of Health Research and Policy, Stanford University, Stanford, CA, November 2013.

*Building primary care research at Stanford.* Stanford Primary Care Conference, Atherton, CA, May 2014.

*Birth history is forever: Implications for family medicine.* Family Medicine Research Seminar, Department of Medicine, Stanford University, Palo Alto, CA, September 2014.

*The Stanford Center for Primary Care Research.* Faculty and Dean Presentation, Department of Medicine, Stanford University, Stanford CA, February 2015.

*Family medicine and community health research: Strategic growth opportunities.* Strategic Planning Conference, Department of Population Health Science and Policy, Icahn School of Medicine at Mount Sinai, New York, NY, March 2016.

*Primary care research at Mount Sinai and the Institute for Family Health.* Fifth Annual Research and Innovation Symposium, New York Academy of Medicine, New York, NY, April 2016.

*Early-life physical fitness and obesity in relation to premature mortality.* Institute for Healthcare Delivery Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, August 2016.

*Life course cancer epidemiology: National cohort studies.* Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, NY, November 2016.

*International and local cohort studies in life course epidemiology.* Institute for Family Health and Icahn School of Medicine at Mount Sinai, New York, NY, December 2016.

*Interactive effects of physical fitness and obesity on mortality.* Institute for Translational Epidemiology, Icahn School of Medicine at Mount Sinai, New York, NY, June 2017.

*Perinatal influences on mortality in adulthood.* Empire Clinical Research Investigator Program (ECRIP) Seminar, Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, and Institute for Family Health, New York, NY, June 2017.

*Preterm delivery and future risk of heart disease and mortality in women.* Blavatnik Family Women's Health Research Institute (BFWHRI) Seminar Series, Icahn School of Medicine at Mount Sinai, New York, NY, February 2020.

*A systematic framework for reading a journal article.* Harlem Family Medicine Residency, Institute for Family Health and Icahn School of Medicine at Mount Sinai, New York, NY, September 2021.

*Epidemiologic research on women's cardiovascular health and mental health in prostate cancer survivors.* Research Review Committee, Institute for Family Health, New York, NY, March 2022.

*Life course perspective: Birth history and long-term health outcomes.* IMPLICIT Project, Institute for Family Health and Icahn School of Medicine at Mount Sinai, New York, NY, August 2022.

### Poster/abstract presentations

*Assessing the prevalence of surrogateless patients and advance care planning in an outpatient, urban adult homeless population.* Sansone S, Waltermaurer E, **Crump C**, Kaplan-Weisman L. Population Health Summit, New York State Health Foundation and New York Academy of Medicine, New York, NY, December 2017; and Institute for Family Health (IFH) Annual Research Symposium, New York, NY, April 2018.

*Cardiorespiratory fitness and risk of sleep apnea in 1.5 million men.* **Crump C**, Sundquist J, Winkleby MA, Sundquist K. Society for Epidemiologic Research (SER) Annual Meeting, Baltimore, MD, June 2018.

*Addressing racial/ethnic disparities in glycemic control with enhanced primary care services in high-risk Latino populations.* Marquez I, Calman N, **Crump C**. North American Primary Care Research Group (NAPCRG) Annual Meeting, Chicago, IL, November 2018.

*Reanalysis of the animal bioassay data on glyphosate.* Crump K, Crouch E, Zelterman D, **Crump C**, Haseman J. Society of Toxicology (SOT) Annual Meeting, Baltimore, MD, March 2019.

*Pediatric blood lead levels in New York City public vs. private housing.* Chiofalo J, Golub M, **Crump C**, Calman NS. Institute for Family Health (IFH) Annual Research Symposium, New York Academy of Medicine, New York, NY, April 2019.

*Accounting for multiple comparisons in statistical analysis of the extensive bioassay data on glyphosate.* Crump KS, Crouch E, Zelterman D, **Crump C**, Haseman J. Society of Toxicology (SOT) Annual Meeting, March 2021.

*Using aggregate genetic risk to evaluate differences between deaths of undetermined intent and unambiguous suicide deaths.* Edwards AC, Ohlsson H, **Crump C**, Sundquist J, Kendler KS, Sundquist K. International Summit on Suicide Research, Barcelona, Spain, October 2021.

*Divorce and risk of suicide attempt in a Swedish national cohort.* Edwards AC, Ohlsson H, Stephenson M, Salvatore JE, **Crump C**, Kendler KS, Sundquist J, Sundquist K. International Summit on Suicide Research, Barcelona, Spain, October 2023.

## RESEARCH FUNDING

### Active

2 R01 HL139536-05 (Crump; K. Sundquist)  
NIH/NHLBI

5/1/2022-4/30/2026

*Adverse pregnancy outcomes and long-term risk of cardiovascular disease in women.*  
The goal of this project is to assess long-term cardiovascular disease risks associated with adverse pregnancy outcomes in women, using nationwide registry data in Sweden.

Role: Principal Investigator

R01 CA269553-01 (Crump; Sieh; K. Sundquist) 6/21/2022-3/31/2026  
NIH/NCI

*Long-term mental health outcomes in prostate cancer survivors and their partners.*

The goal of this project is to provide a comprehensive assessment of long-term mental health outcomes in prostate cancer survivors and their spouses/partners using primary care, specialty outpatient, and inpatient data for the national population of Sweden.

Role: Principal Investigator

R03 AG083596 (Crump; K. Sundquist) 9/1/2023-8/31/2025  
NIH/NIA

*Mental health outcomes in Alzheimer's disease patients and their partners.*

The goal of this project is to conduct the first comprehensive assessment of mental health outcomes in Alzheimer's disease patients and their spouses/partners by integrating primary care, specialty outpatient, and inpatient data for a large population-based cohort.

Role: Principal Investigator

R01 AA027522 (Edwards; K. Sundquist) 5/20/2019-3/31/2024 (NCE)  
NIH/NIAAA

*The etiology of risk: Alcohol and drug use disorders and suicidal behavior.*

The goal of this project is to elucidate risk pathways for suicide in persons with alcohol or drug use disorders using nationwide data in Sweden.

Role: Principal Investigator of Mount Sinai subaward

## Completed

2018-02400 (K. Sundquist) 1/01/2019-12/31/2022  
Swedish Research Council

*The long-term risk of cardiovascular disease and related outcomes in mothers and their preterm-born offspring.*

The aims of this project are to determine the long-term risks of cardiovascular disease and related outcomes associated with preterm birth in a large national cohort of mothers and offspring in Sweden.

Role: Co-Investigator

PC210292 (Crump; Sieh; K. Sundquist) Recommended for funding but declined  
U.S. Department of Defense, Prostate Cancer Research Program (submitted 9/23/2021;  
recommended for funding but declined because of concurrently awarded NCI R01)

*Long-term psychosocial outcomes in prostate cancer survivors and their partners.*

The goal of this project is to assess long-term psychosocial outcomes in prostate cancer survivors and their spouses/partners using nationwide primary care, specialty outpatient, and inpatient data in Sweden.

Role: Principal Investigator

R01 HL139536 (Crump; K. Sundquist) 8/15/2018-4/30/2022  
NIH/NHLBI

*Preterm birth and long-term risk of cardiovascular disease in mothers and offspring.*

The goal of this project is to determine the long-term cardiovascular outcomes of preterm birth and its subtypes in mothers and their adult offspring using registry data for the entire population of Sweden.

Role: Principal Investigator

2016-01176 (J. Sundquist) 1/01/2017-12/31/2021  
Swedish Research Council

*Psychiatric disorders, substance use disorders, and crime in immigrants to Sweden: The impact of neighborhoods, peers, and family.*

The goal of this project is to determine the influence of neighborhood environment, peer context, and family system on psychiatric disorders, substance use disorders, and criminal behavior among 1st- and 2nd-generation immigrants in Sweden using national registry data.

Role: Co-Investigator

20180465 (K. Sundquist) 1/01/2019-12/31/2021  
Swedish Heart-Lung Foundation

*Preterm-born children and their mothers: The long-term risk of cardiovascular disease and related outcomes.*

The goal of this project is to determine long-term risks of cardiovascular disease and related outcomes in preterm-born children and their mothers using comprehensive nationwide data in Sweden.

Role: Co-Investigator

R21 CA208793 (Crump; K. Sundquist; Sieh) 8/11/2016-7/31/2019 (NCE)  
NIH/NCI

*Discovering and characterizing novel pregnancy-associated cancers.*

The aims of this Swedish national cohort study are to identify the incidence, diagnostic characteristics, and mortality of pregnancy-associated ovarian, colorectal, and melanoma cancers.

Role: Principal Investigator

R01 HL116381 (K. Sundquist; Subaward PI: Crump) 8/15/2014-4/30/2019  
NIH/NHLBI

*Neighborhoods and coronary disease: Exploring mechanisms and improving methods.*

The goal of this project is to identify specific neighborhood effects on cardiovascular health outcomes across the life course using Geographic Information Systems environmental data and coronary risk data for the entire population of Sweden.

Role: Principal Investigator of Mount Sinai subaward

2014-10134 (J. Sundquist) 1/01/2015-12/31/2017  
Swedish Research Council

*Health-damaging and health-promoting predictors of psychiatric and substance use disorders in 3.4 million children and adolescents: A nationwide prospective study.*

The goal of this project is to determine the influence of neighborhood environment, peer context, and family system on psychiatric and substance use disorders in children and adolescents using comprehensive nationwide data in Sweden.

Role: Co-Investigator

James Gallagher Patell Fund in Transitional Medical Care (M. Mahoney)  
Innovations in Adolescent Transitional Health Care Grants 5/01/2015-4/30/2016  
*Stanford Family Medicine Adolescent Transition Program.*

The goal of this project is to develop a comprehensive program for transitioning adolescents with chronic health conditions from pediatric clinics to adult continuity care in an academic family medicine clinic.

Role: Co-Investigator

R01 DA030005 (J. Sundquist)  
NIH/NIDA

3/15/2010-1/31/2016

*Genetics, family environment, and neighborhood: Impact on mental disorders.*

The goal of this project is to delineate genetic and environmental influences on substance use and psychiatric disorders using extensive family relationship and neighborhood-level data for the entire population of Sweden.

Role: Co-Investigator

R03 CA171017 (Crump)  
NIH/NCI

4/01/2013-3/31/2015

*Perinatal, familial, and neighborhood risk factors for childhood cancer.*

This study aims to identify perinatal, familial, and neighborhood risk factors for childhood cancers and histologic subtypes using comprehensive birth, neighborhood, and cancer registry data for the entire population of Sweden.

Role: Principal Investigator

R25 OD011139 (Winkleby)  
NIH/National Center for Health Resources

9/26/2009-7/31/2014

*The Stanford SEPA (Science Education Partnership Award) Project.*

The goal of this project is to develop and evaluate programs that promote the participation of low-income and underrepresented minority students in participatory science activities and health disparities research that are relevant to their schools and communities.

Role: Co-Investigator

R01 HD052848 (J. Sundquist)  
NIH/NICHHD

8/21/2007-7/31/2012

*Mothers, places, and preterm birth.*

The aims of this project are to identify individual- and neighborhood-level social influences on risk of preterm birth, and long-term outcomes of preterm birth, using comprehensive registry data for the entire population of Sweden.

Role: Co-Investigator

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McGowan EC, Sheinkopf SJ. Autism and preterm birth: Clarifying risk and exploring mechanisms. *Pediatrics*. 2021; 148(3): e2021051978.)

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