

Kara S. McGee

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EDUCATION:

University of North Carolina at Chapel Hill, School of Public Health, Department of Maternal and Child Health, Chapel Hill, NC

Degree: MSPH

Date of Graduation: August 2001

SUNY at Stony Brook, School of Allied Health Professions, Stony Brook, NY

Degree: B.S. in Health Sciences/Cum laude

Certificate: Physician Assistant

Date of Graduation: June 1994

The Catholic University of America, Washington, DC

Degree: B.S. in Biology and Medical Technology

Date of Graduation: May 1991

EMPLOYMENT HISTORY:

Current Positions:

Physician Assistant

June 2005 - present

Duke University Medical Center, Durham, North Carolina

- Staff physician assistant in the Division of Infectious Diseases
- Outpatient management of patients in Adult HIV Clinic
- Diagnosis and management of acute HIV infection
- Research coordinator for federally and industry funded clinical research trials
- Sub-investigator for clinical trials of treatment of HIV infection
- Clinical preceptor
- Administration of Ryan White HIV/AIDS Program Part B and Part D grants

Physician Assistant

February 2006 - present

Northern Outreach Clinic at Warren Vance Community Health Center, Henderson, North Carolina

- Staff physician assistant
- Outpatient management of HIV infected patients
- Administration of Ryan White HIV/AIDS Program Part C grant

Adjunct Assistant Professor

January 2005 - present

Department of Maternal & Child Health

University of North Carolina at Chapel Hill School of Public Health

- Advisor to students in the Masters of Public Health Program

Clinical Instructor

January 2011 - present

Master of Science in Nursing program

Duke University School of Nursing

- Clinical/small group instructor for the following courses:

- N332/595 Physical Assessment and Diagnostic Reasoning in Advanced Practice Nursing
- N333 Managing Common Acute and Chronic Health Problems I
- N334 Managing Common Acute and Chronic Health Problems II
- N621 Advanced Practice Nursing in Primary Care Adolescent and Adult Patients - Clinical
- Lead faculty and course developer
 - N842 The Psychosocial, Political, Legal and Ethical Aspects of HIV/AIDS
- Member Duke School of Nursing HRSA HIV Concentration Advisory Panel

Public Health Professional Experience:

Senior Research Program Coordinator

May 2004 – June 2005

University of North Carolina Injury Prevention Research Center, Chapel Hill, North Carolina

- Acting as the key liaison between UNC-IPRC and the Home Safety Council
- Providing relevant summarized scientific information on home safety to partner organizations
- Developing research ideas to extend current research on home safety practices
- Identifying new sources of data to determine national trends in home injury morbidity and mortality

Research Associate

October 2003 – May 2004

Department of Pediatrics, Division of Adolescent Medicine, University of Miami School of Medicine, Miami, Florida

- Conducted research on youth violence in local community using medical examiner, hospital discharge, and emergency department data
- Assisted in the conceptualization and development of county-wide injury surveillance system
- Participated in activities of a community coalition, “The Partnership for the Study and Prevention of Violence”, including assisting communities in evaluating community-based youth violence prevention programs
- Grant writing
- Provided lectures to nursing students on injury prevention epidemiology and research methods

Technical Officer

October 2001 – October 2003

Department of Injuries and Violence Prevention, Division of Unintentional Injury Prevention, World Health Organization, Geneva, Switzerland

- Coordinated and provided technical support in countries in South East Asia (Cambodia, Thailand and Sri Lanka) to plan, implement, and evaluate injury surveillance systems
- Developed and administered a training program on injury epidemiology and injury surveillance for public health practitioners from low-income countries
- Organized promotion of scientifically-based injury data collection methods
- Designed and wrote advocacy documents
- Analysis and management of global and country-level injury data
- Development of training manual on conducting community surveys to assess injuries and violence
- Representative to International Collaborative Effort in Injury Statistics
- Member of technical committee assisting in the writing of *The World Report on Road Traffic Injury Prevention*
- Assisted with grant writing
- Peer reviewer for *Bulletin of the World Health Organization*

Research Associate

August 2001 – October 2001

Brady Center to Prevent Gun Violence, Washington, DC

- Developed and executed analysis plans using SPSS for a study examining source of stolen firearms used in crime
- Summarized and reported findings on external research related to firearm policy, injury and legislation
- Assisted with grant writing

Research Assistant

May 2001 – August 2001

Injury Prevention Research Center, University of North Carolina at Chapel Hill, Chapel Hill, NC

- Assisted in the coordination of an evaluation of selected Indian Health Service injury prevention programs related to fire safety
- Tracked and maintained contact with grantees
- Prepared reports on grantee activities

Graduate Research Assistant

September 2000 – May 2001

Injury Prevention Research Center and Division of Community Pediatrics, University of North Carolina at Chapel Hill, Chapel Hill, NC

- Assisted in data collection, management and analysis for the Emergency Room Injury Prevention Study
- Conducted literature reviews
- Proofread unpublished manuscripts

Clinical Medicine Experience:**Physician Assistant**

August 1995 – August 2000; October 2003 – May 2004

Miami Children's Hospital, Miami, FL

- Staff physician assistant in the Department of Pediatric General Surgery
- Managed patients in PICU, Emergency Department, Outpatient Center, Operating Room and inpatient floors
- Supervised medical students
- Parent teaching on ostomy care, wound care, and post-operative care of children

Physician Assistant

January 1996 – August 2000

Bascom Palmer Eye Institute, Miami, FL

- Staff physician assistant in the pre-admission testing and employee health departments
- Cleared patients for surgical procedures
- Conducted employee physical examinations and annual inoculations
- Supervised physician assistant students

Physician Assistant

September 1994 – July 1995

Mt. Sinai Services, Queens Hospital Center, Jamaica, NY

- Staff physician assistant in the Department of General Surgery
- Managed patients in Emergency Department, Operating Room, inpatient floors, and the Surgical Intensive Care Unit
- Supervised and taught rotating physician assistant students

PUBLICATIONS:

- McGee K, Relf M, Harmon J. The Development of an HIV Training Program for Nurse Practitioners. *Journal of Association of Nurses in AIDS Care*. May/June 2016, 27(3): 240-245.
- Caiola C, McGee K, Harmon JL. Reflections: A Case for Intersectional Approached in HIV Research. *AIDS Research and Human Retroviruses*. July 2015, 31(7): 669-670.
- Cope AB, Crooks AM, Chin T, Kuruc JD, McGee KS, Eron JJ, Hicks CB, Hightow-Weidman LB, Gay CL. Incident sexually transmitted infection as a biomarker for high-risk sexual behavior after diagnosis of acute HIV. *Sexually Transmitted Diseases*. 2014; 41: 447-452.
- Vinikoor MJ, Cope A, Gay CL, Ferrari G, McGee KS, Kuruc JD, Lennos, JL, et al. Antiretroviral therapy initiated during acute HIV infection fails to prevent persistent T-cell activation. *J Acquir Immune Defic Syndr*, 2013; 62(5): 505-8.
- McKellar MS, Cope AB, Gay CL, McGee KS, Kuruc JD, Kerkau MG, et al. Acute HIV-1 infection in the Southeastern United States: a cohort study. *AIDS Res Hum Retroviruses*. 2013; 29(1): 121-8.
- Frahm MA, Picking RA, Kuruc JD, McGee KS, Gay CL, Eron JJ, et al. CD4+ CD8+ T cells represent a significant portion of the anti-HIV T cell response to Acute HIV Infection. *Journal of Immunology*, 2012;188(9):4289-4296.
- Vladutiu CJ, Casteel C, Marshall SW, McGee KS, Runyan CW, Coyne-Beasley T. Disability and home hazards and safety practices in US households. *Disabil Health J*, 2012; 5(1): 49-54.
- Arnoczy GS, Ferrari G, Goonetilleke N, Corrah T, Li H, Kuruc J, Schmitz J, McGee K, et al. Massive CD8 T Cell Response to Primary HIV Infection in the Setting of Severe Clinical Presentation. *AIDS Res Hum Retroviruses*, 2011; 27(00): 1-4.
- Gay, Cynthia L; Mayo, Ashley J; Mfalila, Chelu K; Chu, Haitao; Barry, Anna C; Kuruc, JoAnn D; McGee, Kara S; et al. Efficacy of NNRTI-based antiretroviral therapy initiated during acute HIV infection. *AIDS*. 25(7):941-949, April 24, 2011.
- Guido Ferrari, Bette Korber, Nilu Goonetilleke, Michael K. P. Liu, Emma L. Turnbull, Jesus F. Salazar-Gonzalez, Natalie Hawkins, Steve Self, Sydeaka Watson, Michael R. Betts, Cynthia Gay, Kara McGee, et al. Relationship between Functional Profile of HIV-1 Specific CD8 T Cells and Epitope Variability with the Selection of Escape Mutants in Acute HIV Infection. 2011. *PLoS Pathog* 7(2):e1001273. doi:10.1371/journal.ppat.1001273
- Hurt, CB, McCoy SI, Kuruc J, Nelson JAE, Kerkau M, Fiscus S, McGee K, Sebastian J, et al. Transmitted antiretroviral drug resistance among acute and recent HIV infections in North Carolina from 1998 to 2007. *Antiretroviral Therapy*. 2009; 14:673-687.
- Runyan CW, Johnson RM, Yang J, Waller AE, Perkis D, Marshall SW, Coyne-Beasley T, McGee KS. Risk and Protective Factors for Fires, Burns, and Carbon Monoxide Poisoning in U.S. Households. *American Journal of Preventive Medicine*. 2005;28(1):102-108.
- McGee K, Sethi D, Peden M, Habibula S. Guidelines for conducting community surveys on injuries and violence. *Injury Control and Safety Promotion*. 2004;11(4):303-306.
- Heinen M, McGee KS, Warner M. Injury questions on household surveys from around the world. *Injury Prevention*. 2004;10:327-329.
- Sethi D, Habibula S, McGee K, Peden M (eds). *Guidelines for Conducting Community Surveys on Injuries and Violence*. Geneva, World Health Organization, 2004.
- World Report on Road Traffic Injury Prevention*. Geneva, World Health Organization, 2004.
- Kara McGee, Contributing writer Chapter 2, "The global impact"; Kara McGee writer Statistical Annex.
- McGee KS, Coyne-Beasley T, Johnson RM. Review of Evaluations of Educational Approaches to Promote Safe Storage of Firearms. *Injury Prevention*. 2003;9:108-111.
- Peden MM, McGee K. The epidemiology of drowning worldwide. *Injury Control and Safety Promotion*. 2003;10(4):195-199.

- Heinen M, McGee K. Household Injury Survey Comparison. *Proceedings of the International Collaborative Effort on Injury Statistics, Volume IV*. Paris Meeting, April 2003. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, 2003.
- McGee K, Peden M, Waxweiler R, Sleet D. Injury surveillance. *Injury Control and Safety Promotion*. 2003;10:105-108.
- Coyne-Beasley T, McGee KS, Johnson RM, Bordley WC. The association of handgun ownership and storage practices with safety consciousness. *Arch Pediatr Adolesc Med*. 2002;156:763-768.
- Peden M, McGee KS, Krug E (Eds). *Injury: A leading cause of the global burden of disease, 2000*. Geneva, World Health Organization, 2002.
- Peden M, McGee KS, Sharma G. The Injury Chart Book: A graphical overview of the global burden of injuries. World Health Organization, 2002.

SCIENTIFIC PRESENTATIONS:

- Seidelman J, Clement M, Okeke L, McGee K, Murthy B, et al. Are primary care provider in the Southeastern U.S. ready to prescribe PrEP? Abstract WEPWC233. Poster presentation at 21st International AIDS Conference (AIDS 2016), Durban, South Africa, July 18-22, 2016
- Gay C, Willils S, Kuruc J, McGee KS, Kashuba A, et al. Neurocognitive Improvement With NRTI-Sparing Treatment in Acute HIV Infection. Abstract 418. Poster presentation at Conference on Retroviruses and Opportunistic Infections, Boston, MA, March 2016.
- Vinikoor M, Cope A, Gay C, Ferrari G, McGee K, Kuruc J, et al. Antiretroviral therapy started during acute HIV infection failed to prevent persistent immune activation. Poster presentations at 19th Conference on Retroviruses and Opportunistic Infections, Seattle, Washington, March 2012.
- Identification of HIV-1 Subtype B Transmission Networks through Contact Tracing and DNA Sequencing. J Kuruc, J Anderson, A Barry, J Kirchherr, S Beagle, R Ashby, K McGee, et al. Poster presentation on 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention 17-20 July 2011, Rome, Italy.
- Efficacy of NNRTI-based antiretroviral therapy initiated during acute HIV infection C. Gay, A. Johnson, S. McCoy, J. Kuruc, K. McGee, L. McNeil, et al., XVII International AIDS Conference 3-8 August, 2008 • Mexico City, Mexico
- Kara McGee, S Kim, A Johnson, J Eron, C Hicks. Diagnosing Acute HIV Infection in North Carolina: Challenges and Opportunities. Poster Presentation at 15th Conference of Retroviruses and Opportunistic Infections, Boston, MA. February 2008.
- JoAnn D. Kuruc, MSN, RN; Lisa B. Hightow, MD, MPH; Sandi I. McCoy, MPH; Cynthia Gay, MD, MPH; Donna Pittard, RN; Kara McGee, PA-C; Rhonda Ashby; Charles Hicks, MD; Joseph J Eron, MD; Christopher Pilcher, MD; Peter A. Leone, MD. Acute HIV – Rapid Intervention and Entry into Care. Poster Presentation at American Public Health Association Annual Meeting, Boston, MA. November 2006.
- Casteel C, McGee KS, Runyan CW. Leading causes of unintentional home injury in high-risk age groups. Oral presentation at 2005 National Injury Prevention and Control Conference, Denver, Colorado. May 2005.
- McGee KS, Runyan CW, Casteel C. Prevalence of home safety practices among households where a person with a disability resides. Oral presentation at 2005 National Injury Prevention and Control Conference, Denver, Colorado. May 2005.
- Casteel C, McGee KS, Runyan CW. Adequacy of data for assessing injuries at home. Oral presentation at 2005 National Injury Prevention and Control Conference, Denver, Colorado. May 2005.

- Appy MK, McGee KS, Adkins P. Home Safety Council's National Fire Safety Literacy Project. Oral presentation at 2005 National Injury Prevention and Control Conference, Denver, Colorado. May 2005.
- McGee K, Tomijima N. Global Injury Data: What Does it Really Mean? Oral presentation at World Conference on Injury Prevention and Control. Vienna, Austria. June 2004.
- Waxweiler R, Sleet D, Peden M, McGee K. Injury Surveillance: Minimum Data. Paper presented at Road Traffic Injuries and Health Equity Conference, Cambridge, Massachusetts. April 2002.
- McGee KS, Coyne-Beasley T, Johnson RM. Are home safety practices and safe storage of firearms related? Paper presented at Pediatric Academics Societies Annual Meeting, Baltimore, Maryland. April 2001.
- McGee KS, Coyne-Beasley T. Do parents who employ general safety practices store firearms safely? Paper presented at American Public Health Association Meeting, Atlanta, Georgia. October 2001.
- Hollands CM, McGee KS. Is single drug therapy adequate for appendicitis? Paper presented at Canadian Association of Pediatric Surgeons Annual Conference, Toronto, Canada. September 1998.
- Gerace TA, Smith JC, McGee KS. Elevated serum cholesterol in fire fighters: the Dade County Fire Fighters' Health Project. Poster presented at the 29th American Heart Association Council on Cardiovascular Epidemiology, Washington, DC. June 1989.

TEACHING:

- Research advisor and reader of Master's Papers for following UNC-Chapel Hill Maternal and Child Health students:

<u>Date</u>	<u>Student</u>	<u>Title Master's Paper</u>
April 2007	Katie Boos	A Descriptive Analysis Of a Rapid HIV Testing Program at the University of North Carolina at Chapel Hill
June 2013	Alice Pollard	Screening for Sexually Transmitted Infections at College Campus Health Centers: Recommendations to Increase Screening Rates

PROFESSIONAL CERTIFICATION:

- HIV Specialist, American Academy of HIV Medicine, January 2014 - present
- Board Certified Physician Assistant, *National Committee on Certification of Physician Assistants (NCCPA)*, 1994 - present
- Licensed Physician Assistant, *Florida Board of Medicine*, August 1995 – present (inactive)
- Licensed Physician Assistant, *New York State Education Department Division of Professional Licensing Services*, January 1995 – present (inactive)
- Licensed Physician Assistant, *North Carolina Medical Board*, September 2004 – present

HONORS AND AWARDS:

Recipient, Maternal Child Health Bureau Training Grant, 2000-2001
 Recipient, Annual Student Scholarships granted by the New York State Society of Physician Assistants, 1992-1994

SPECIAL SKILLS:

Proficient in Spanish comprehension
Certified Basic Cardiac Life Support
SPSS and SAS statistical software
Microsoft Word, Microsoft Excel, Microsoft Access, Microsoft PowerPoint