

CHRISTOFFEL.

Dr. R. Hauger Christoffel

**Medical Student Summer Research Program (MSSRP)
and Research Thesis Program (RTP)
Mentor Information**

- 1) Research description (maximum 1 page):
 - a) General research description *(attached)*
 - b) Description of potential MSSRP or RTP student projects *(attached)*
- 2) Cover letter explaining the reasons for your interest in becoming a mentor *(attached)*
- 3) Current Biosketch *(attached)*
- 4) Trainees over the past 5 years (undergraduate, medical or graduate students; post-doctoral fellows)

Research area (check all that apply):

- Basic Science
- Translational Science
- Clinical Science
- Other *Population Science*

Jean Bao
Vikas Desai
Nicole Denlop
Aymira Zakhari
Shanika Pondasinghe
Peter Pockus
Seth Scott

Research Description:

- a) The Children's Memorial Center on Obesity Management and Prevention does research related to obese children and their families, community based promotion of healthy lifestyles, and related topics. Recent projects have included describing the prevalence of obesity in the children and grandchildren of adults who have had bariatric surgery, description of how community safety affects children's activity and adiposity, development of a survey about over-the-counter (OTC) medication use for weight control in children, tracking the heights and weights of children in a charter school that promotes healthy lifestyles, and characterization of phenotypes in very obese young children.
- b) Potential student projects include: Survey to determine the prevalence of OTC meds use in overweight children; development of counseling materials (in English and Spanish) explaining calorie balance, including family input; obtaining and analyzing growth records on children of bariatric surgery patients.



**Children's Memorial
Research Center**

2300 Children's Plaza, Box 205
Chicago, Illinois 60614-3394
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*Affiliated with
Northwestern University's
Feinberg School of Medicine*

12/19/2007

Richard M. Green, MD
Associate Professor of Medicine
Director, Medical Student Summer Research
and Research Thesis Programs
Feinberg School of Medicine at Northwestern
Chicago, IL

Dear Dr. Green,

Thank you for allowing me to submit this application to be listed as a summer research mentor for FSM medical students. We have an active research program at the Children's Memorial Center for Obesity Management and Prevention, which can provide students with a variety of types of experiences. We have had students from far away medical schools over the last few years, but none yet from FSM. The students who have worked with us have learned a lot, have contributed to project development and new knowledge, and have participated in abstract and manuscript preparation. I would like to extend these valuable experiences to FSM students as well. Thank you for your consideration.

Sincerely,



Katherine Kaufer Christoffel, MD, MPH
Director, Center on Obesity Management and Prevention, Children's Memorial Research Center
Professor, Pediatrics & Preventive Med, Feinberg School of Medicine at Northwestern University
2300 Children's Plaza #157
Chicago, IL 60614
www.childrensmrc.org/comp

p312-573-7762/7769 f 312-573-7824

Biographical Sketch

BIOGRAPHICAL SKETCH

NAME Katherine Kaufer Christoffel, MD, MPH		POSITION TITLE Professor of Pediatrics & Preventive Medicine	
eRA COMMONS USER NAME KKC			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Radcliffe College	B.A.	1969	Philosophy
Tufts University Medical School	M.D.	1973	Medicine
Northwestern University Medical School	M.P.H.	1981	Epidemiology

RESEARCH AND PROFESSIONAL EXPERIENCE:

1976 -1979	Assistant Prof., Attending Pediatrician, Pediatrics, Univ of Chicago Sch. of Med.
1979 -	Assistant Professor; 1985-1991, Associate Professor; 1991-present, Professor: Northwestern University School of Medicine, Depts. of Pediatrics and Preventive Medicine; Attending Physician, Children's Memorial Hospital (CMH)
1983 - 2001	Medical Director, Nutrition Evaluation Clinic, CMH
1993 - 2000	Medical Director, CMH Violent Injury Prevention Center
1994 - 2001	Director, Statistical Sciences and Epidemiology Program, Children's Memorial Institute of Education and Research (CMIER)
1998 -	Associate Director (1998-2004) then Deputy Director (2004-present), Programs in Public Health, Northwestern University
2001 - 2003	Interim Director, Child Health Research Core, CMIER
2001 - 2003	Interim Co-Director, CMIER
2003 - date	Founder/Medical Director, Consortium to Lower Obesity in Chicago Children
2004	Founder/Director, CMRC Center on Obesity Management and Prevention

OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS:

1984 - 1996	Chair, Steering Committee, Pediatric Practice Research Group, CMH
1986 - 1994	Member, American Acad. of Peds (AAP) Comm. on Injury & Poison Prevention
1995 - 2000	Member, AAP Council on Pediatric Research
1997 - 1998	Member, Committee on Injury Prevention and Control, Institute of Medicine,
1998	Invitee, Conference on Physical Injuries & Child Abuse, NIMH & CDC, Fed'l Interagency Research Comm. on Child Abuse & Neglect, Bethesda, MD
1999	Invitee, Conf. on Violence Prevention in Involving Health Professionals,
2000 - 2003	Chair, Research Committee, Ambulatory Pediatric Association
2007-	Member, Committee member, CDC work on Guide to Community Prev. Services and practice recommendations for obesity prevention/control in healthcare setting
2007	Chair, NICHD Study Section for west submissions for National Children's Study
2007	Invitee, NHLBI Working Group on Childhood Obesity Prevention and Treatment,

HONORS:

1988	Dr. Albert Pisani Award, IL Chapter of AAP to "An Outstanding IL Pediatrician"
1991	Distinguished Career Award, Injury Control and Emergency Health Services SPIG, American Public Health Association

Biographical Sketch

1992 1st Annual Injury & Poison Prevention Award, AAP Injury & Poison Prev Section
 1997 Marion Spencer Fay Nat'l Board Award, Medical Coll of PA & Hahnemann Univ
 2000 Research Award, Ambulatory Pediatric Association
 2001 John Cook Award, Chicago Pediatric Society
 2004 Chicago Sun-Times, One of 10 Most Powerful Women in Chicago Medicine, 2004
 Listed in many editions of Who's Who (women, medicine, science, etc.), Best Doctors

CURRENT AND PREVIOUS RESEARCH STUDIES since 2005:

(Katherine Christoffel)

09/01/2005-08/31/2006

IDPA/EAM

Center on Obesity Management and Prevention (COMP)

Project description. The major goals of this project are the development of collaborative obesity management and prevention projects involving the clinical, research, and advocacy arms of CMH. To facilitate clinical research, we are building a database of patients seen for complicated obesity, across the varied clinical settings in which they are seen; it includes lab results.

Role: PI

(Katherine Kaufer Christoffel, MD, MPH)

1/1/03 - 12/31/07

Otho S.A. Sprague Memorial Institute

Consortium to Lower Obesity in Chicago Children

The major goals of this project are the development and assessment of a multi-sector effort to prevent obesity in Chicago children.

Role: Medical and Research Director/PI

(Katherine Kaufer Christoffel, MD, MPH)

11/1/05 - 10/31/08

Michael and Susan Dell Foundation

Consortium to Lower Obesity in Chicago Children

The major goals of this project are the development and assessment of a multi-sector effort to prevent obesity in Chicago children.

Role: Medical and Research Director/Co-PI

R01HL081645-01 (Marian Fitzgibbons, MD)

09/2005 – 06/2009

Northwestern University/NIH

Preschool Based Obesity Prevention Effectiveness Trial

The major goals of this project are to test a culturally sensitive school-based intervention to promote healthy lifestyles, and so lower the prevalence of obesity, in Hispanic preschool aged children.

Role: Co-Investigator.

R01 HD049059 (Katherine Christoffel, MD, MPH)

12/2004-11/2009

NICHD

Epidemiology of Metabolic Syndrome in Children

The major goals of this project are to describe phenotypic and genotypic patterns related to adiposity and metabolic syndrome markers in a cohort of Chinese twins.

Role: Co-Investigator

Biographical Sketch

PUBLICATIONS since 1999 (of a total of 173) :

1. Sheehan K, DiCara JA, LeBailly S, and **Christoffel, K Kaufer**. Adapting the Gang Model: Peer Mentoring for Violence Prevention. *Pediatrics* 1999; 104(1): 50-54.
2. Lavigne J, Gibbons R, Arend R, Rosenbaum D, Binns H, **Christoffel K**. Rational Service Planning in Pediatric Primary Care: Continuity and Change in Psychopathology Among Children Enrolled in Pediatric Practices. *Journal of Pediatric Psychology* 1999; 24: 393-403.
3. Evans R, LeBailly S, Gordon KK, Sawyer A, **Christoffel K Kaufer**, Pearce B. Restructuring Asthma Care in a Hospital Setting to Improve Outcomes. *Supplement to CHEST* 1999; 116: 210S-216S.
4. Lavigne J, Arend R, Rosenbaum D, Smith A, Weissbluth M, Binns JH, **Christoffel KK**. Sleep and Behavior Problems Among Preschoolers. *J Devel Beh Pediatr*, 1999;20(3):164-9.
5. Flaherty EG, Sege R, Binns HJ, Mattson CL, **Christoffel K Kaufer**, and the Pediatric Practice Research Group. Health Care Providers' Experience Reporting Child Abuse in the Primary Care Setting. *Archives of Pediatrics and Adolescent Medicine* May 2000:489-493.
6. **Christoffel K. Kaufer**: When Counseling Parents on Guns Doesn't Work: Why Don't They Get It? *JAACAP* 2000: 39 (10): 1226-1228.
7. Fitzgibbon, ML, Stolley, MR, Dyer, AR, Van Horn, L, **Christoffel, K Kaufer, A**. Community-Based Obesity Prevention for Minority Children: Rationale and Study Design for "Hip-Hop to Health Jr.," *Preventive Medicine* March 34:289-297 2002.
8. Stolley, MR, Fitzgibbon, ML, Dyer, A, Van Horn, L, **Christoffel, KK**, Schiffer, L, Hip Hop to Health Jr., an Obesity Prevention Program for Minority Preschool Children: Baseline Characteristics of Participants. *Preventive Medicine* 36:320-329 2003.
9. **Christoffel, KK**, Obesity. *Pediatric Annals*; 33(1):7-9, 2004.
10. Longjohn, M, **Christoffel, K Kaufer**, Are Medical Societies Developing A Standard for Gun Injury Prevention? *Injury Prevention*, 2004; 10(3):169-73.
11. Ariza A, Binns, **Christoffel K Kaufer**, HJ, Chen E; Risk Factors for Overweight in 5-6 Year Old Hispanic-American Children: A Pilot Study. *J Urban Health*. 2004; 81:150-61.
12. Ariza, A, **Christoffel, K Kaufer**, Binns, H, Evaluating Computer Capabilities in a Primary Care Practice-Based Research Network., *Ann Fam Med* 2004;2:418-420.
13. Fitzgibbon, ML, Stolley, MR, Schiffer, L, Van Horn, L, **Christoffel, K Kaufer**, Dyer, A; Two-year follow-up results for Hip-Hop to Health Jr.: A randomized controlled trial for overweight prevention in preschool minority children, *J Pediatrics* 2005, 146(5) 618-625.
14. Mason, M, Meleedy-Rey, P, **Christoffel, K Kaufer**, Longjohn, M and et al: Prevalence of Overweight and Risk of Overweight Among Chicago 3-5 Year Old Children 2002-2003, *Jrnl. of School Health, March 2006, Vol. 76, No. 3: 104-110*.
15. Flaherty, EG, Sege, R, Price, LL, **Christoffel, K Kaufer**, Norton DP, OConnor KG: Pediatrician Characteristics Associated With Child Abuse Identification and Reporting: Results from a National Survey of Pediatricians, *Child Maltreatment* 2006; 11:361-369.
16. **Christoffel, KK**, Firearm injuries: Epidemic then, Endemic now. *AJPH* 2007, 97:626-629.
17. Olson LM, **Christoffel K**, O'Connor KG. Pediatricians' Involvement in Gun Injury Prevention. *Injury Prevention* 2007 13:99-104.
18. Evans, D, **Christoffel, K Kaufer**, Longjohn, ML, Necheles, J; 5-4-3-2-1 Go! Intervention: Social Marketing Strategies for Nutrition. *Journal of Nutrition Education and Behavior*. 2007; 39(2)(SI): S55-S59.
19. Mason, M, **Christoffel, K Kaufer**, Sinacore, J, Reliability and Validity of the TIPP Home Safety Survey. *Arch Pediatr. Adolesc. Med.* 2007;161:759-765.