

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Marizen Ramirez		POSITION TITLE	
eRA COMMONS USER NAME (credential, e.g., agency login) MARAMIREZ		Assistant Professor	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of California at Berkeley	BA	05/95	Molecular Cell Biology
University of California at Los Angeles	MPH	05/98	Public Health
University of California at Los Angeles	PhD	05/02	Epidemiology

Positions

2010-present Director, Occupational Injury Program, Heartland Occupational & Health Education & Research Center

2010-present Associate Director for Science, University of Iowa Injury Prevention Research Center

2007-present Assistant Professor, Department of Occupational and Environmental Health, College of Public Health, The University of Iowa

2004-2007 Assistant Professor of Research, Department of Pediatrics, Keck School of Medicine, University of Southern California & Childrens Hospital Los Angeles

2003-2004 Senior Research Associate, Division of Research on Children, Youth and Families. Saban Research Institute, Childrens Hospital Los Angeles

2002-2004 Assistant Researcher, Southern California Injury Prevention Research Center, Department of Epidemiology, University of California at Los Angeles

1996-2002 Staff Research Associate, Southern California Injury Prevention Research Center, Department of Epidemiology, University of California at Los Angeles

1996 Student Intern, UCLA Drug Abuse Research Center, University of California at Los Angeles

1996 Student Worker, Injury and Violence Prevention Program, Los Angeles County Department of Health Services.

Honors

1991 California Alumni Scholar, University of California at Berkeley

1997-2002 Public Health Traineeship, University of California at Los Angeles (UCLA)

1998-2002 University Fellowship, Department of Epidemiology, UCLA

1998 Delta Omega Honorary Society, UCLA

1999 Distinguished Teaching Assistant of the Year, Department of Epidemiology, UCLA

15 Selected Peer-reviewed Publications

1. Peek-Asa C, Ramirez MR, Shoaf K, Seligson H, Kraus JF. GIS mapping of earthquake-related deaths and hospital admissions from the 1994 Northridge, California, Earthquake. *Annals of Epidemiology* 10(1):5-13, 2000.
2. Peek-Asa C, Ramirez M, Seligson H, Shoaf K. Seismic, structural, and individual factors associated with earthquake-related injury. *Injury Prevention* 9(1):62-66, 2003.
3. Ramirez M, Peek-Asa C, Kraus JF. Disability and risk of school-related injury. *Injury Prevention* 10(1):21-6, 2004.
4. Limbos MA, Ramirez M, Park L, Peek-Asa C, Kraus JF. Injuries to the head among children enrolled in special education. *Archives of Pediatrics and Adolescent Medicine* 158(11):1057-61, 2004.
5. Ramirez M, Peek-Asa C. Epidemiology of traumatic injuries from earthquakes. *Epidemiologic Reviews* 27: 47-55, 2005.
6. Ramirez M, Kano M, Shoaf K, Bourque LB, Petal M. Child and household factors associated with fatal and non-fatal injury during the 1999 Kocaeli earthquake. *International Journal of Mass Emergencies and Disasters* 23(2): 129-147, 2005.

7. Ramirez M, Schaffer KB, Shen H, Kashani S, Kraus JF. Injuries to high school football athletes in California. *American Journal of Sports Medicine* 34(7): 1147 – 1158, 2006.
8. Kano M, Ramirez M, Ybarra WJ, Frias G, Bourque LB. Are schools prepared for emergencies? A baseline assessment of emergency preparedness at school sites in three Los Angeles County school districts. *Education and Urban Society* 39:399-422, 2007.
9. Kipke MD, Weiss G, Ramirez M, Dorey F, Ritt-Olson A, Iverson E, Ford W. Club drug use in Los Angeles among young men who have sex with men. *Substance Use and Misuse* 42:11, 1723-1743, 2007.
10. Kubicek K, Ramirez M, Limbos MA, Iverson E. Knowledge and behaviors of parents in planning for and dealing with emergencies. *Journal of Community Health* 33(3):158-68, 2008.
11. Behar S, Upperman JS, Ramirez M, Dorey F, Nager A. Training medical staff for pediatric disaster victims: a comparison of different methods. *American Journal of Disaster Medicine* 3(4): 189-99, 2008.
12. Ramirez M, Yang J, Bourque L, Javien J, Kashani S, Limbos MA, Peek-Asa C. Sports injuries to high school athletes with disabilities. *Pediatrics* 123(2):690-06, 2009.
13. Ferrer RR, Ramirez M, Sauser K, Iverson E, Upperman J. Emergency drills and exercises in healthcare organizations: assessment of pediatric population involvement using after-action reports. *American Journal of Disaster Medicine* 4(1):23-32, 2009.
14. Yang J, Peek-Asa C, Cheng G, Heiden E, Falb S, Ramirez M. Incidence and characteristics of school bus crashes and injuries. *Accident Analysis and Prevention* 41(2):336-41, 2009.
15. Ramirez M, Kubicek K, Peek-Asa C, Wong M. Accountability and assessment of emergency drill performance at school. *Family Community Health* 32(2):105-14, 2009.
16. Ferrer RR, Ramirez M, Beckman LJ, Danao LL, Ashing-Giwa KT. The impact of cultural characteristics on colorectal cancer screening adherence among Filipinos in the United States: a pilot study. *Psychooncology* 20(8):862-70, 2010. Epub 2010 Jun 30.
17. Ramirez M, Fillmore EP, Chen A, Peek-Asa C. A comparison of school injuries between children with and without disabilities. *Academic Pediatrics* 10(5):317-22, 2010. Epub 2010 Aug 2.
18. Dong X, Peek-Asa C, Yang, G, Wang S, Chen X, Chi G, Ramirez M. The association of road safety knowledge and risk behavior with pediatric road traffic injury in Guangzhou, China. *Injury Prevention* 17(1):15-20. Epub 2010 Sep 28.
19. Ramirez M, Ferrer RR, Cheng G, Cavanaugh J, Peek-Asa C. Violation of school behavioral policies and its relationship with overall crime. *Annals of Epidemiology* 21(3):214-20. Epub 2010 Dec 15.
20. Fillmore EP, Ramirez M, Roth L, Robertson M, Atchison C, Peek-Asa C. After the waters receded: A qualitative study of university official's disaster experiences during the Great Iowa Flood of 2008. *Journal of Community Health* 36(2): 307-315, 2011.
21. Yang J, Jones MP, Cheng G, Ramirez M, Taylor C, Peek-Asa C. Do nuisance alarms decrease functionality of smoke alarms near the kitchen? Findings from a randomized controlled trial. *Injury Prevention* 17(3):160-5, 2011. Epub 2011 Jan 8.
22. Vanderwal L, Rautiainen R, Kuye R, Peek-Asa C, Cook T, Ramirez M, Culp K, Donham K. Evaluation of long- and short-handled hand hoes for land preparation, developed in a participatory manner among women vegetable farmers in The Gambia. *Applied Ergonomics* 42(5) 749-756, 2011.
23. Vanderwal L, Rautiainen R, Ramirez M, Kuye R, Peek-Asa C, Cook T, Culp K, Donham K. Participatory approach to identify interventions to improve the health, safety, and work productivity of smallholder women vegetable farmers in the Gambia. *International Journal of Occupational Medicine and Environmental Health* 24(1):36-47, 2011.
24. Peek-Asa C, Yang J, Ramirez M, Hamann C, Cheng G. Factors affecting hospital charges and length of stay from teenage motor vehicle crash-related hospitalizations among United States teenagers, 2002-2007. *Accident Analysis and Prevention* 43(3):595-600, 2011.
25. Yang J, Campo S, Ramirez M, Cheng G, Peek-Asa C. Family communication patterns and new teen drivers' attitudes toward driving safety. *Journal of Pediatric Health Care*. 2012 Feb 21. [Epub ahead of print].
26. Ramirez M, Wu Y, Kataoka S, Wong M, Yang J, Peek-Asa C, Stein B. Youth violence across multiple dimensions: a study of violence, absenteeism and suspensions among middle school children. *Journal of Pediatrics* 161 (3):542-546e, 2012.
27. Ramirez M, Paik A, Heimer K, Sanchagrin K. Violent peers, network centrality, and intimate partner violence perpetration among young men. *Journal of Adolescent Health* 51(5):503-9, 2012.

28. Yang J, O'Gara E, Cheng G, Kelly KM, Ramirez M, Burmeister LF, Merchant JA. At what age should children engage in agricultural tasks? *Journal of Rural Health* 28(4):372-9, 2012.
29. Yang JZ, Cheng G, Zhang N, Ramirez M, Marshall SW, Albright J. Hospitalizations and Hospital Charges for Sports-related Fractures among Children in the United States. *Asia Journal of Exercise Sciences and Sports* (accepted for publication).
30. Ramirez M, Yang J, Young T, Roth L, Garinger A, Snetselaar L, Peek-Asa C. Implementation of Steering Teens Safe, An evaluation of a parent-based teen driving intervention. *Health Education & Behavior* 2012 Oct 12 [E pub ahead of print].
31. Cao Y, Yang J, Ramirez M, Peek-Asa C. Characteristics of cases requiring response from a university threat assessment team. *Journal of Occupational and Environmental Medicine* 55(1):45-51, 2013.
32. Ramirez M, Roth L, Young T, Peek-Asa C. Rural roadway safety perceptions among rural teens living in and outside of towns. *Journal of Rural Health* 29(1):46-54, 2013.
33. Peek-Asa C, Ramirez M, Young T, Cao Y. Flood-related work disruption and poor health outcomes. *Prehospital Disaster Medicine* (accepted for publication).
34. Britton C, Lynch C, Ramirez M, Torner J, Peek-Asa C. Epidemiology of injuries to wildland firefighters. *Journal of Emergency Medicine* (accepted for publication).
35. Smith H, Chrischilles E, Janus TJ, Sidwell RA, Ramirez M, Peek-Asa C, Sahr AM. Clinical indicators of midface fracture in patients with trauma. *Dental Traumatology* 2012 Oct 16. [Epub ahead of print.]
36. Acion CL, Ramirez M, Jorge R, Arndt S. Increased alcohol and drug use among lowan children from deployed military families. *Addiction* (in press).
37. Ramirez M, O'Neal E. (In press). Injury risk taking behaviors in children. *Oxford Bibliographies in "Public Health"*. Ed. Ani Mamourian. New York: Oxford University Press

Research Support (Ongoing)

5R49CE001167-05

8/1/07-7/31/12

CDC/NCICP

The University of Iowa Injury Prevention Research Center (Peek-Asa, PI)

Role: Co-I

Training Core: Instructor/team leader

Research Core: Key Investigator

The IPRC uses interdisciplinary research to control and prevent injuries, especially in rural communities.

NIH/NICHD Loan Repayment Program Awardee (Ramirez, PI)

9/1/10-8/31/14

Pediatric Research Fellow

Contracted 2 years conduct pediatric research at 50%

CDC / Prevention Research Center (Parker, PI)

8/1/11-12/31/12

Pilot Study: Feasibility of a parent-based program in prevention stress among traumatically injured children in Iowa

Role: PI

To conduct formative research to develop Listen Protect Connect for Injured Kids.

U54OH009568-03

11/01/08-9/31/13

CDC/NIOSH/Marshfield Clinic Research Foundation (Fisher, PI)

Motivating Farm Owners to Create Safe Play Areas: A Randomized Controlled Trial

Role: Co-I

To measure the effectiveness of an interventions to motivate parents to build safe play areas on farms.

5T42OH008491-07 (O'Shaughnessy, PI)

7/1/00-6/30/13

CDC

Heartland Occupational & Health Education & Research Center

Role: Occupational Injury Prevention Training Program Co-Director

The goal of this Center is to provide graduate training, continuing education and outreach in occupational safety and health to serve Federal Region VII (IA, KS, MO, NE)

5R21OH009492-02 (Peek-Asa, PI) 08/01/09-07/31/12
CDC/NIOSH
Evaluation of Policies and Procedures to Prevent Worker-on-worker Violence
Role: Co-I
To evaluate policies and tabletop training programs offered to employees in a large corporation.

5880OS01 (Ramirez, PI) 2/1/95-6/30/15
Iowa FACE program, Iowa Department of Public Health
Role: PI
To conduct surveillance and investigations of traumatic occupational deaths.

1100379 (Ramirez, PI) 11/1/10-10/31/12
US Dept. Education Readiness and Management Program
Subcontract with Los Angeles Unified School District
Role: PI
Evaluate programs accomplishments under the Readiness and Management Program.

2011-67023-30606 NSF/USDA (Ramirez, PI) 09/01/11-08/31/14
PrepKids: Enhancing Disaster Resilience in Rural Children with Disabilities
Role: PI
This is a randomized controlled trial of PrepKids, a program of household disaster preparedness for families with children who have disabilities in rural settings.

U50 OH007548-11 (Gerr, PI) 09/30/11-09/29/16
CDC/NIOSH Great Plains Center for Agricultural Health
Research Project A – Farm Equipment Roadway Crash Study
Role: PI
To describe the epidemiology of farm equipment roadway crashes in nine states and assess the impact of lighting and marking policies.

The University of Iowa Prevention Research Center CDC (Ramirez, PI) 9/11-2/13
PRC Pilot Project- Feasibility of a parent-based program in preventing stress among traumatically injured children in Iowa
Role: PI

The University of Iowa Injury Prevention Research Center (Peek-Asa, PI) 8/1/12-7/31/17
CDC
C. Peek-Asa, Principal Investigator
Role: Associate Director for Research, Co-Investigator
Research Project – Implementation and outcome evaluation of Anti-bullying Laws
Role: PI

Leveraging Campus-Community Collaborations to Enhance Suicide Prevention at the University of Iowa (Cochran, PI) 8/1/12-7/31/15
Substance Abuse Mental Health Services Administration
S. Cochran, Principal Investigator
Role: Co-Investigator (Evaluation Lead)

Evaluation of Iowa's Anti-Bullying Legislation: Compliance and Impact (Ramirez, PI) 11/15/12-4/14/14
Robert Wood Johnson Foundation
Role: PI