

MEGAN L. RANNEY, MD, MPH

Assistant Professor, Injury Prevention Center, Department of Emergency Medicine
Alpert School of Medicine, Brown University

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EDUCATION

Undergraduate: Harvard College
Cambridge, MA
History of Science
A.B., Summa Cum Laude, 1993-1997

Undergraduate Honors: - Phi Beta Kappa, Elected 1996
- John Harvard & Elizabeth Radcliffe Scholarships, 1993-97
- Adams House Coat of Arms
- Lamont Public Service Fellowship, 1996
- Education for Action Summer Action Fellow, 1996
- President, Radcliffe Union of Students, 1996-97

Medical School: Columbia University College of Physicians and Surgeons
New York, NY
M.D., 2000-2004

Medical School Honors: - Alpha Omega Alpha, Elected 2003
- Leonard Tow Humanism in Medicine Award 2004
- Gold Foundation Humanitarian Award 2004
- Lawrence Durante Memorial Scholarship, 2002-2004
- Charles Ray Jones Fellowship, 2001
- Simon Rifkind Ethics Fellowship, 2001

Graduate: Brown University, Program in Public Health
Providence, RI
Masters of Public Health, 2008-2010

POSTGRADUATE TRAINING

Residency: Brown University School of Medicine
Emergency Medicine Residency Program
Alpert School of Medicine, Brown University, Providence, RI
Intern, June 2004-2005

Brown University School of Medicine
Emergency Medicine Residency Program
Alpert School of Medicine, Brown University, Providence, RI
Resident, July 2005-June 2008

Fellowship: Injury Prevention Research Fellowship
Department of Emergency Medicine
Alpert School of Medicine, Brown University, Providence, RI
July 2008-June 2010

POSTGRADUATE HONORS AND AWARDS

- 2010 **Dean's Excellence in Teaching Award**
In recognition of exemplary teaching in the Community Health clerkship.
- 2008-2010 **Loan Repayment Award for Clinical Research, National Institutes for Health**
2011-present
- 2008 **Haffenreffer Award**
For outstanding house officer performance, service, and education at Rhode Island Hospital. One of 5 graduating house officers selected for award.
- 2008 **Daniel L. Savitt Resident Teaching Award**
For the highest quality of teaching among members of the graduating residency class; elected by peers.
- 2008 **Gregory D. Jay Resident Research Award**
For the most cited research paper written by a member of the graduating residency class.
- 2007-2008 **Chief Resident**
Brown University School of Medicine, Emergency Medicine Residency Program.

MILITARY SERVICE n/a

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- 2010-present Diplomate, American Board of Emergency Medicine
Certified until 12/31/2019
- 2008-present Rhode Island State Medical License #12662 (active)
- 2004-2008 Rhode Island State Medical License #LP00243 (inactive)

ACADEMIC APPOINTMENTS

- 2010-present Assistant Professor, Department of Emergency Medicine, Alpert School of Medicine at Brown University.
- 2008-2010 Clinical Instructor, Department of Emergency Medicine, Alpert School of Medicine at Brown University.

HOSPITAL APPOINTMENTS

- 2008-present Attending Physician, University Emergency Medicine Foundation/Department of Emergency Medicine, The Miriam Hospital & Rhode Island Hospital, Providence, RI

NATIONAL APPOINTMENTS AND COMMITTEE MEMBERSHIPS

- 2011-present Peer Reviewer
• *Emergency Medical Journal*
• *Disaster Medicine and Public Health Preparedness*
• *Academic Emergency Medicine*
• *Annals of Emergency Medicine*
• *Journal of Adolescent Health*
- 2009-present Society for the Advancement of Violence and Injury Prevention, Advocacy Committee.

- 2008-present Society for Academic Emergency Medicine (SAEM) Annual Meeting Program Committee.
 • Chair, Didactics Subcommittee, 2010-2012
 • Abstract Reviewer, 2009-present
- 2008-2010 SAEM National Task Forces:
 • Task Force for Aging and Generational Issues in Academic Emergency Medicine, 2009-2010
 • Task Force for Regional Meetings, appointed to represent New England region, 2008-2009
- 2009-2010 Adjunct Clinical Faculty, Duquesne University School of Nursing, Family Nurse Practitioner Program.
- 2009 Guest editor, *Medicine & Health Rhode Island*, “Emergency Physicians and Public Health” Special Issue.
- 2009 External Grant Reviewer for Intramural Junior Faculty Grants, Department of Emergency Medicine, University of Florida.
- 2009 Peer Reviewer, *Health Policy*.
- 2007-2008 SAEM Board of Directors, Nationally elected resident member.

REGIONAL COMMITTEES

- 2010-present Rhode Island National Violent Death Reporting System, Advisory Committee
 • Statewide physician representative.
- 2008-present SAEM New England Regional Meeting Program Committee
- 2008-present Rhode Island Child Death Review Team
 • Statewide injury prevention/emergency medicine representative
- 2004-present Rhode Island Sexual Assault Treatment Committee
 • Representing Rhode Island Hospital & The Miriam Hospital Emergency Departments

HOSPITAL COMMITTEES

- 2010-present Benefits Committee, University Emergency Medicine Foundation, Department of Emergency Medicine, Alpert School of Medicine, Brown University
- 2008-present MomDocFamily (MDF), Office of Women in Medicine and Science, Alpert School of Medicine, Brown University
- 2006-present Research Committee, Department of Emergency Medicine, Alpert School of Medicine, Brown University
- 2006-2008 Residency Advisory Committee, Brown University Emergency Medicine Program, Alpert School of Medicine, Brown University
- 2005-2008 Graduate Medical Education Committee, Rhode Island Hospital, Alpert School of Medicine, Brown University
- 2005 Department of Emergency Medicine Chair Search Committee, University Emergency Medicine Foundation Resident Representative.

2004-2006 Resident Coordinator, Journal Club, Department of Emergency Medicine, Alpert School of Medicine, Brown University

MEMBERSHIP IN SOCIETIES

- 2009-present Academy for Women in Academic Emergency Med (AWAEM)
• 2010-present, AWAEM Regional Meeting Advisory Committee
• 2010-present, AWAEM Didactics Committee
- 2008-present Society for the Advancement of Violence & Injury Research (SAVIR)
- 2005-present Society for Academic Emergency Medicine (SAEM)
Member, Public Health Interest Group (PHIG) and Research Interest Group
• 2009-present, PHIG Didactics Submission Sub-Committee
• 2008-present, Abstract Reviewer for Annual Meetings
• 2008-present, Didactics Reviewer for Annual Meetings
- 2005-present Rhode Island Medical Society
- 2003-present American College of Emergency Physicians (ACEP)
Member, Trauma and Injury Prevention Section and Research Section.
• 2010-2012, Newsletter Editor, Trauma and Injury Prevention Section.

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Krosin MT, Klitzman R, Levin B, Cheng J, **Ranney ML**. "Problems in comprehension of informed consent in rural and peri-urban Mali, West Africa." *Clinical Trials*, 2006 3(3):306-313.
2. **Ranney ML**, Gee E, Merchant RC. "Non-prescription availability of emergency contraception in the United States: Current status, controversies, and impact on the emergency department." *Ann Emerg Med*, 2006 47(5):461-71.
3. **Ranney, ML**, Partridge R, Jay G, Rozzoli DE, Pandey P. "Rabies antibody seroconversion rates among travelers in Nepal." *J Trav Med*, 2006 13(6):329-333.
4. Arnold LK, Alomran H, Anantharaman V, Halpern P, Hauswald M, Malmquist P, Molyneux E, Rajapakse B, **Ranney M**, Razzak J. "Knowledge translation in international emergency medical care." *Acad Emerg Med*, 2007 14(11):1047-1051.
5. **Ranney ML**, Mello MJ, Baird JB. "Helmet use by 510 injured motorcyclists in a state with limited helmet laws." *Medicine & Health Rhode Island*, 2008 91(4):100-102.
6. **Ranney ML**, Odero WW, Mello MJ, Waxman M, Fife RS. "Injuries from Interpersonal Violence Presenting to a Rural Health Center in Western Kenya: Characteristics and Correlates." *Injury Prevention*, 2009 15(1):36-40.
7. **Ranney ML**, Verhoek-Oftedahl W, Rommel J, Mello MJ. "Analysis of Intentional and Unintentional Injuries Caused by Firearms and Cutting/piercing Instruments among Providence Youth, Nov 2004-Dec 2007." *Medicine & Health Rhode Island*, 2009 92(6):200-204.
8. Broderick K, **Ranney ML**, Vaca F, Rothman R, Rhodes K, Becker B, D'Onofrio G, Haukoos J. "Study Designs and Evaluation Models for Emergency Department Public Health Research." *Academic Emergency Medicine*, 2009 16(11):1124-1131.
9. **Ranney ML**, Chai P, Mello MJ, Baird J, Clark M. "Correlates of helmet use among newly licensed motorcyclists: a survey." *Accid Anal Prev*, 2010 42(6):2057-2062.

10. **Ranney ML**, Rennert-May E, Spitzer R, Mabeya H. "A Novel ED-based Sexual Assault Center in Western Kenya: Description of Patients and Analysis of Treatment Patterns." *EMJ* 2011 28(11):927-31 [Epub 2010 Oct 14].
11. **Ranney ML**, Mello MJ. "A Comparison of Female and Male Adolescent Victims of Violence Seen in the Emergency Department." *J Emerg Med*, 2011 Apr 30 [Epub ahead of print].
12. **Ranney ML**, Madsen T, Gjelsvik A. "Predictors of Being Unsafe: Participation in the Behavioral Risk Factor Surveillance System 2006 Intimate Partner Violence Module." *J Interpers Violence*, 2012 27(1):84-102 [Epub Aug 1 2011].
13. **Ranney ML**, Whiteside L, Walton MA, Chermack ST, Zimmerman MA, Cunningham RM. "Sex Differences in Characteristics of Adolescents Presenting to the Emergency Department With Acute Assault-Related Injury." *Acad Emerg Med*, 2011 18(10):1027-35.
14. Choo EK, **Ranney ML**, Aggarwal N, Boudreaux E. "'A Systematic Review of Emergency Department Technology-Based Behavioral Health Interventions' for publication in Academic Emergency Medicine." *Acad Emerg Med*, accepted Sept 28, 2011. IN PRESS.
15. Baird JB, **Ranney ML**, Mello MJ. "A Commentary on the Paper Entitled: Text-Message-Based Drinking Assessments and Brief Interventions for Young Adults Discharged from the Emergency Department" *Alc Clin Exper Res*, accepted Dec 6 2011. IN PRESS.

PUBLICATIONS SUBMITTED OR IN PREPARATION:

1. **Ranney ML**, Choo EC, Wang Y, Baum A, Clark MA, Mello MJ. "Emergency department patient preferences for technology-based behavioral interventions." *Ann Emerg Med*, under revision.
2. **Ranney ML**, Cunningham RM, Walton MA. "Predictors of depression among high-risk adolescents presenting to the emergency department." In preparation.
3. Bhak G, **Ranney ML**. "Child abuse." In: *Five Minute Clinical Consult*, expected publication 2012.

NON-PEER REVIEWED PUBLICATIONS:

1. Cott J, Leader B, **Ranney ML**. "Rhode Island Hospital Resident Handbook," First Edition, May 2006.
2. **Ranney ML**, Mello MJ. "Beyond our doors: Emergency physicians and public health." *Medicine & Health Rhode Island*, 2009 92(6):196.
3. **Ranney ML**. "The value of an injury prevention fellowship." *American College of Emergency Physicians Section of Trauma and Injury Prevention, Newsletter*. 2010 14(1).
4. Child Death Review Team. *Youth Suicide Issue Brief*, 2005-2010. Department of Health, Rhode Island, 2011. Available at: <http://www.health.ri.gov/publications/issuebriefs/2005-2010YouthSuicide.pdf>

ABSTRACTS AND POSTERS

1. **Ranney ML**, Russell M, Kozarsky P, Eidex RB. "Lack of agreement in listed yellow fever vaccination requirements among various sources." Poster presentation at American Society for Tropical Medicine & Health 53rd annual meeting, *November 2004*.
2. Dadaekian G, Mello MJ, **Ranney ML**. "Motorcycle Accidents: Analysis of the RI Trauma Registry from 2000-2004." Poster presentation at Navy Chapter of American College of Physicians, *October 2005*.

3. **Ranney, ML**, Mello MJ, Baird J. “Predictors of motorcycle injury severity in a state with limited helmet laws.” Poster presentation at Lifespan Research Celebration, *November 2006*.
4. Levinson A, **Ranney ML**, Levy M, Venetetuolo C. “Surviving Sepsis: Evaluating an Interdisciplinary Educational Initiative for Improving Management of Patients with Sepsis.” Oral presentation at American Thoracic Society International Conference, *May 2007*.
5. Odero W, **Ranney ML**, Waxman M, Simiyu C, Lane KA, Fife RS. “Relationship between Alcohol and Domestic Violence in Mosoriot, Kenya.” Poster presentation at the 9th World Conference on Injury Prevention and Safety Promotion, Merida, Mexico, *March 2008*. **
6. **Ranney ML**, Verhoek-Oftedahl W, Rommel J, Mello MJ. “Analysis of Intentional and Unintentional Injuries Caused by Firearms and Cutting/piercing Instruments among Providence Youth, Nov 2004-Dec 2007.” Poster presentation at Lifespan Research Celebration, *November 2008*.
7. **Ranney ML**, Rennert-May E, Spitzer R, Mabeya H. “A Novel ED-based Sexual Assault Center in Western Kenya: Description of Patients and Analysis of Treatment Patterns.” Poster presentation at Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA *May 2009*.
8. **Ranney ML**, Gjelsvik A. “Predictors of Being Unsafe To Answer Intimate Partner Violence Screening Questions: Findings from the Behavioral Risk Factor Surveillance System 2006.” Poster presentation at American College of Emergency Physicians Scientific Assembly/Research Forum, Boston, MA, *October 2009*.
9. **Ranney ML**, Chai P, Clark M, Baird J, Mello MJ, Clark M. “Correlates of helmet use among newly licensed motorcyclists: a survey.” Poster presentation at 10th World Conference on Injury Prevention and Safety Promotion, London, England, *September 2010*. **
10. **Ranney ML**, Mello MJ. “Chart review of female versus male adolescent victims of violence presenting to the ED, 2004-2007.” Poster presentation at American College of Emergency Physicians Scientific Assembly/Research Forum, Las Vegas, NV, *September 2010*. Abstract #433.
11. **Ranney ML**, Walton MA, Whiteside L, Cunningham RM. “Prospective study of youth seeking ED care for assault-related injury.” Poster presentation at the Society for the Advancement of Violence and Injury Prevention/Safe States Alliance, Iowa City, IA, *April 2011*.
12. **Ranney ML**, Walton MA, Whiteside L, Cunningham RM. “Gender differences in characteristics of youth seeking ED care for assault-related injury.” Poster presentation, Society for Academic Emergency Medicine Annual Meeting, Boston, MA, *June 2011*.
13. **Ranney ML**, Choo EK, Mello MJ, Baum A, Wang Y, Clark M. “Emergency Department Patient Preferences For Technology-based Behavioral Interventions.” Poster presentation, Society for Academic Emergency Medicine Annual Meeting, Boston, MA, *June 2011*.
14. Choo EK, **Ranney ML**, Wong Z, Mello MJ. “Preferences for Technology-Based Interventions among Adult Emergency Department Patients with Drug and Alcohol Use” Poster presentation, American College of Emergency Physicians Research Forum, *October 2011*.

INVITED PRESENTATIONS:

1. “Student perspectives on global health.” Alumni Weekend, Columbia University College of Physicians and Surgeons, New York, NY. *May 2004*.
2. “Atrial myxoma, Clinical-pathological correlation conference.” Dept of Emergency Medicine, Alpert School of Medicine at Brown University. *October 2006*.

3. "Carbon dioxide and cyanide: silent killers in inhalation injury." Joint Conference of the Dept of Emergency Medicine and the Division of Trauma, Dept of Surgery, Alpert School of Medicine at Brown University. January 2007.
4. "Vaginal bleeding: diagnostic and treatment strategies." Continuing Medical Education seminar, Accident and Emergency Room, Moi Teaching and Referral Hospital, Eldoret, Kenya. March 2007. **
5. "Introduction to research in the ED: A primer for interns." Intern orientation, Dept of Emergency Medicine, Alpert School of Medicine at Brown University. July 2007.
6. "Morbidity and mortality conference." Dept of Emergency Medicine, Alpert School of Medicine at Brown University. June 2007; September 2007; October 2007; January 2008.
7. "Pediatric sexual assault." Department of Obstetrics and Gynecology, Moi Teaching and Referral Hospital, Eldoret, Kenya. November 2007. **
8. "Sexual assault: how to approach the problem." Accident & Emergency Department, Moi Teaching and Referral Hospital, Eldoret, Kenya. November 2007. **
9. "Sexual assault: what you can do." Hospital Grand Rounds, Moi Teaching and Referral Hospital, Eldoret, Kenya. November 2007. **
10. "Sexual assault in western Kenya: the problem, and a solution." Resident Grand Rounds, Dept of Emergency Medicine, Alpert School of Medicine at Brown University. December 2007.
11. "CHOICES alcohol awareness program." Physician panel member, Rhode Island College Athletic Association, Providence, RI. December 2008.
12. "An overview of injury prevention." Rhode Island College School of Nursing, Providence, RI. April 2009 & June 2009.
13. "A novel ED-based sexual assault center in western Kenya: Description of patients and analysis of treatment patterns." Oral presentation for International Emergency Medicine interest group, SAEM Annual Meeting, New Orleans, LA. May 2009.
14. "Research in Emergency Medicine." Member of a panel of EM researchers. Emergency medicine interest group, Alpert School of Medicine at Brown University, Providence, RI. January 2010.
15. "Controversies in clinical decision-making." Member of a panel of attendings selected by residents to debate current clinical controversies in emergency medicine. Dept of Emergency Medicine, Alpert School of Medicine at Brown University, Providence, RI. March 2010, August 2010.
16. "The sexual assault forensic exam." Intern orientation, Dept of Emergency Medicine, Brown University. July 2008, 2009, 2010.
17. "An emergency physician's perspective on violence among teen girls." Institute for the Study and Practice of Nonviolence, Providence, RI. April 27, 2010.
18. "Motorcycle helmets: Are there alternatives to legislation?" Injury Research Center, Department of Emergency Medicine, University of Michigan, Ann Arbor. May 12, 2010.
19. "An introduction to brief motivational interventions in the ED." Simulation case and didactic lecture, Dept of Emergency Medicine, Alpert School of Medicine at Brown University, Providence, RI. May 19, 2010.

20. "Coping with Shiftwork Through the Lifecycle of Academic Emergency Medicine." Didactic presentation (with Michelle Biros, MD, MS; Robert S. Hockberger, MD; Rebecca Smith-Coggins, MD; and Robert Gerhardt, MD). SAEM Annual Meeting, Phoenix, AZ. June 4, 2010.
21. "How to be an excellent teacher: a primer." Lecture, Dept of Emergency Medicine, Alpert School of Medicine at Brown University, Providence, RI. July 28, 2010.
22. "Alcohol use and you: Consequences and choices." Lecture, Rhode Island College, Providence, RI. November 2010.
23. Choo EK, **Ranney ML**, Jay G. "Educational Innovation To Improve K23 Grantwriting Among Junior EM Faculty." Oral presentation, Society for Academic Emergency Medicine Annual Meeting, Boston, MA, June 2011. (Won "Best IEME Presentation" for the 2011 Annual Meeting)

** = INTERNATIONAL

GRANTS

ONGOING:

NIH Loan Repayment Program (Ranney) 7/1/11-6/30/13
An Innovative Cellphone Intervention to Prevent Depression in High-Risk Adolescent Females
 Violence and depression are significant public health problems, especially for adolescent females. SAEM, ACEP, NIH, and Healthy People 2010 call for prevention of these co-morbidities. This grant will create an innovative, cellphone-based tool to address these overlapping issues for adolescent female ED patients. It will also prepare Dr. Ranney for a career as a funded emergency medicine physician-researcher.
 Role: Principal Investigator

SAEM Research Training Grant (Ranney) 1/1/12-12/30/13
A Cellphone Intervention to Reduce Depression and Violence in Teen ED Patients
 Violence and depression are significant public health problems, especially for adolescent females. SAEM, ACEP, NIH, and Healthy People 2010 call for prevention of these co-morbidities. This grant will create an innovative, cellphone-based tool to address these overlapping issues for adolescent female ED patients. It will also prepare Dr. Ranney for a career as a funded emergency medicine physician-researcher.
 Role: Principal Investigator

Summer Research Assistantship in Emergency Medicine. (Klein, Mohan) 4/1/11-9/1/11
 1. *Bullying and Peer Violence: An Analysis of the Youth Risk Behavior Surveillance Survey** **Won first prize for summer student research**
 2. *Recording Race, Ethnicity, and Language: A comparison of documented and self-identified demographics* ***Won honorable mention for summer student research**
 The specific aims of Project #1 are to conduct and write a manuscript on the psychosocial correlates of peer violence and bullying, using the national YRBS dataset. The specific aims of Project #2 are to determine the prevalence and correlates of mis-documented demographic information in our ED.
 Role: Mentor/Principal Investigator

University Emergency Medicine Foundation Resident Scholarly Grant (Pringle/Ranney) 3/1/11-present
Recording Ethnicity, Race and Language: A comparison of documented and self-identified demographics
 To determine the prevalence and correlates of mis-documented demographic information in our ED, we will administer an 11-question validated survey (translated into the 10 most common languages spoken by RIH patients) to a random sample of 148 eligible patients. Simple descriptive statistics will be used to describe the survey population. Patient-reported and registrar-recorded race/ethnicity will be compared using chi-squared tests. The likelihood of mis-reported race/ethnicity will be calculated using logistic regression, adjusting for primary language, language proficiency, education, and age.
 Role: Mentor/Principal Investigator

University Emergency Medicine Foundation Small Projects Grant (Ranney/Choo) 8/16/10-present
Patient Attitudes toward Technology-based Behavioral Health Interventions in the Emergency Department
The specific aims of this systematic survey of adult and adolescent ED patients are two-fold: 1) To assess adult and adolescent emergency department patients' attitudes toward, comfort with, and acceptance of technology-based health behavior screening, intervention, and follow-up; and 2) To determine the relative likelihood of interest in technology-based screening & intervention, according to age, sex, self-reported comfort with computers/cellphones, and self-reported risky health behaviors.
Role: Co-Principal Investigator

American Association of Medical Colleges (Schweigler) 1/15/08-9/20/12
A Longitudinal Curriculum in Public Health for Emergency Medicine Residents
The major goal of this project is to provide a curriculum in public health for emergency medicine residents that incorporates focused scholarly concentrations in public health topics. My sub-project is to develop a web-based curriculum to train emergency medicine and pediatric residents in the identification of, and intervention in, youth violence.
Role: Consultant

SUBMITTED OR UNDER PREPARATION:

NIMH K23 Career Development Grant (Ranney) to resubmit 3/12/12
Depression and peer violence in teen girls: An ED-based preventive intervention
Role: Principal Investigator

COMPLETED:

Summer Research Assistantship in Emergency Medicine. (Ratanaprasatporn, Butcher) 4/1/10-9/1/10
1. A Web-based Module for Addressing Youth Violence in the Emergency Department
2. Adolescent Female Interpersonal Violence: a Qualitative Study
The specific aims of Project #1 are to develop and pilot a web-based curriculum to train EM and pediatric residents in youth violence prevention; and to measure outcomes using a pre-/post- survey (of physician knowledge and attitudes) and chart review (of physician behavior). The specific aims of Project #2 are to conduct semi-structured interviews with 25 adolescent females with a history of exposure to violence, to identify themes in their experience of community violence. We are particularly interested in identifying potential risk and protective factors for future quantitative studies.
Role: Mentor/Principal Investigator.

University Emergency Medicine Foundation Small Projects Grant (Ranney). 3/09 – 12/09
Feasibility Study of Brief Motivational Interventions to Increase Motorcycle Helmet Use in the Emergency Department.
The primary aims of this project are to (1) Develop and pilot a BMI for unhelmeted motorcyclists which can be used during routine ED care; (2) Identify barriers to successful implementation of the BMI; (3) Identify moderators that have differential effects on motorcyclists' responsiveness to BMI; and (4) Gather pilot data that can serve as the basis for a successful external grant application.
Role: Principal Investigator.

American Public Health Association (Ranney) 9/08 – 8/09
Determinants of Youth Motorcycle Helmet Use in Rhode Island
The primary goals of this project are (1) to develop a valid and reliable survey assessing motorcyclists' knowledge, attitudes, and practices regarding motorcycle helmet use; (2) to administer this survey to young/new RI motorcyclists; and (3) to use the survey results to inform future helmet educational efforts.
Role: Principal Investigator.

NIH Loan Repayment Program (Ranney) 9/08 – 8/10
Brief Motivational Interventions to Increase Motorcycle Helmet Use in the Emergency Department

The primary goal of this project is to develop an effective and useable brief motivational intervention for injured motorcyclists in order to increase motorcycle helmet use. Mentor = Michael J. Mello, MD
Role: Principal Investigator.

HOSPITAL TEACHING:

- Supervise and teach emergency medicine and off-service residents during each clinical shift. Average teaching evaluation = 4.99 on 5 point scale. 500 hrs/year of teaching.
- Advisor for Arlene Chung, Brown Emergency Medicine Residency Program, Class of 2014.

UNIVERSITY TEACHING:

- Coordinator, *Student Journal Club*, Department of Emergency Medicine, June 2011-present.
- Invited Lecturer, *Biol 3710-O -- Healing Medicine: A Workshop Exploring Literature, Humanities and the Art of Practicing of Medicine* (Elective for Brown undergraduates and medical students), Fall 2010.
 - o Guest lecturer, Oct 18th and Nov 22nd, 2010
- Supervisor for Independent Study Research Projects for Brown University undergraduates:
 - o Aaron Roberts, Brown '11, Fall 2010 and Spring 2011
 - o Fatima Dema, Brown '11, Spring 2011
- Preceptor for *Doctoring* course for Brown Medical School MSIIIs (40 hrs/semester)
 - o Audrey Butcher, Brown Medical School '13: 2010
- Faculty advisor for medical students for Summer Research Assistantships (40 hrs/summer):
 - o Linda Ratanaprasatporn, Brown Medical School '14: Designing a web-based youth violence education program for residents, Summer 2010
 - o Audrey Butcher, Brown Medical School '13: A qualitative inquiry into adolescent female experiences with community violence, Summer 2010
 - o Matthew Klein, Brown Medical School '15: Bullying and Peer Violence: An Analysis of the Youth Risk Behavior Surveillance Survey, Summer 2011
 - o Suresh Mohan, Brown Medical School '15: Recording Ethnicity, Race and Language: A comparison of documented and self-identified demographics
- Preceptor for Community Health Clerkship (required course for all Brown Medical Students) (100 hrs/year):
 - o John Rommel, Brown Medical School '09, June 2008: Chart review of urban shooting and stabbing victims
 - o Peter Chai, Brown Medical School '10, May 2009: Development of pilot survey of motorcyclists' helmet knowledge, attitudes, and behavior
 - o Joshua Keegan, Brown Medical School '10, September 2009: Chart review of motorcycle crashes
 - o Emily McElveen, Brown Medical School '10, October 2009: Development of list of resources for youth violence victims seen in the ED
 - o Sarah Housman, Brown Medical School '11, February 2010: Development of list of resources for teen dating violence victims seen in the ED
 - o Elizabeth Anto, Brown Medical School '11, April 2010: Creation of SBIRT simulation scenario for emergency medicine residents
 - o Andrew Baum, Brown Medical School '11, May 2010: Literature review of technology-based public health interventions in the ED
 - o Yvonne Wang, Brown Medical School '11, August 2010: Piloting a survey of ED patients' preferences for technology-based health education
 - o Nitin Aggarwal, Brown Medical School '11, September 2010: A systematic review of ED technology-based health education
 - o Monica Kaitz, Brown Medical School '11, October 2010: Conducting a survey of adult ED patients' preferences for technology-based health education
 - o Evan Levanthal, Brown Medical School '11, November 2010: Conducting a survey of adolescent ED patients' preferences for technology-based health education
 - o Zerlina Wong, Brown Medical School '12, February 2011: Conducting a survey of adolescent ED patients' preferences for technology-based health education
- Resident research preceptor for:

- Katherine Kimbrell, Brown Emergency Medicine Program '11, in an independent research project on smoking cessation, Fall 2008
- Kimberly Pringle, Brown Emergency Medicine Program '13, designing a survey of disparities between registration-recorded and patient-reported race, ethnicity, and primary language. IRB submitted. Spring 2010-present.
- Faculty preceptor for Wendy Panagos (candidate for Masters in Forensic Nursing) for a research practicum, 2009.
- Mentored Sienna Vorono, Brown Medical School '11, in an independent research project on youth violence, 2008-2009.

VOLUNTEERISM:

Institute for the Study and Practice of Nonviolence, Providence, RI. 2009-present.

- Volunteering with staff to develop evidence-based interventions for adolescent female victims of violence.
- Consultant/evaluator for Robert Wood Johnson Foundation grant.

Rhode Island Free Clinic, Volunteer clinician. Providence, RI. 2009-present.

Peace Corps Volunteer. Côte D'Ivoire, West Africa, 1997-2000.