

# **Injury Prevention Research Fellowship**

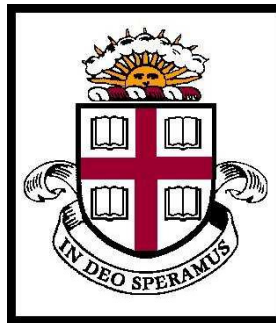
Michael J. Mello, MD, MPH, FACEP

Director

**Injury Prevention Center**

**Department of Emergency Medicine**

**Alpert School of Medicine of Brown University**



## **I. Overall Goal of the Fellowship**

The Department of Emergency Medicine and the Injury Prevention Center jointly manage a research fellowship in injury prevention. One fellow is trained under a two-year curriculum. The program requires all entering fellows to complete an MPH during their 2-year fellowship in an effort to broaden the trainee's experience and enable the fellow to meaningfully accomplish research in the field of injury control.

The overall goal of the fellowship is to produce an individual who is capable in the performance of research, clinical practice of injury prevention, competent in teaching injury prevention, and familiar with advocacy on injury prevention issues. The educational goals of the fellowship are aligned with the published guidelines on "Core Competencies for Injury and Violence Prevention" from the National Training Initiative for Injury and Violence Prevention.

Fellows will accomplish these goals over 24 months with some portion of their time spent in hospital emergency departments affiliated with Brown Department of Emergency Medicine. The emergency departments care for 140,000 adult patients and 40,000 children patient, with approximately 20 percent being treated for an acute injury, encompassing a broad range of acuity.

## **II. Core Content**

The nine core competencies for injury and violence prevention to be obtained:

1. Describe and explain injury and violence as a major social and health problem
2. Access, interpret, use and present injury and violence data
3. Assist in the design and implement injury or violence prevention activities/intervention
4. Assist the evaluation of an injury or violence prevention program
5. Assist in building and managing an injury or violence prevention program
6. Disseminate information related to injury or violence prevention to the community, other professionals, key policy makers and leaders
7. Incorporate effort to stimulate change related to injury and violence prevention through education to patients; and to the community through policy, enforce, advocacy, and education
8. Maintain and further develop competency as an injury or violence prevention professional
9. Demonstrate the knowledge, skills, and best practices to address at least 1 specific injury or violence topic and serve as a resource to others in that area

## **III. Implementation: Yearly Overviews**

The fellowship will commence in July of the first year and continue until June of year two. The overall structure is for the fellow to participate in the two parallel tracks of the fellowship (research and MPH course work) simultaneously.

**1. Year One**

First year fellow will begin the two-year Master of Public Health program at Brown University in which they will focus on learning the foundations of public health. First-year fellows will participate in a seminar series on research design, epidemiology and biostatistics. They should begin to apply these principles by participating in an ongoing research project within the Injury Prevention Center and development of an original research plan. Development of a pilot study, or submission of a grant application to support their future activities is a desired goal for the first year. In addition, they may be assigned to committees, which are designed to enhance their skills in trauma care, injury prevention, advocacy and research.

**Fellowship Year One**

	July	A	S	O	N	D	J	F	M	A	M	June	
<b>Clinical</b>	16 hrs/wk	→											
<b>MPH</b>	20 hrs/wk	→	16 hrs/wk	→								→	
<b>IPC Research</b>	14 hrs/wk	→	18 hrs/wk	→								→	34 Hrs./wk

**2. Year Two**

During year two, the fellow will focus on a research project with a significant block of time committed to completion of this research project, a requirement of fellowship completion.

The fellow will be encouraged to seek funding for research interests from both internal and external sources, in close collaboration with a mentor from the department. The fellow will be strongly encouraged to submit research results for presentations at national meetings and to complete a manuscript for publication. Obtaining the Master’s Degree in Public Health at Brown University is a requirement of successfully completing the fellowship.

**Fellowship Year Two**

	July	A	S	O	N	D	J	F	M	A	M	June	
<b>Clinical</b>	16 hrs/wk	→											
<b>MPH</b>			16 hrs/wk	→								→	
<b>IPC Research</b>	34 hrs/wk	→	18 hrs/wk	→								→	34 Hrs./wk

#### **IV. Core Fellowship Faculty**

Michael Mello, MD, MPH	Fellowship Director
James Linakis, MD, PhD	Research Mentor
Ted Nirenberg, PhD	Research Mentor
Janette Baird, PhD	Research Mentor

For more information on this fellowship opportunity, or to apply for this fellowship, please contact:

Michael J. Mello, MD, MPH, FACEP  
Director, Injury Prevention Center  
Rhode Island Hospital  
592 Eddy Street, Claverick 2  
Providence, RI 02903

Phone 401-444-6684  
Email [mjmello@lifespan.org](mailto:mjmello@lifespan.org)