



# HARBORVIEW

## INJURY PREVENTION & RESEARCH CENTER

QUARTERLY NEWSLETTER • WINTER 2014



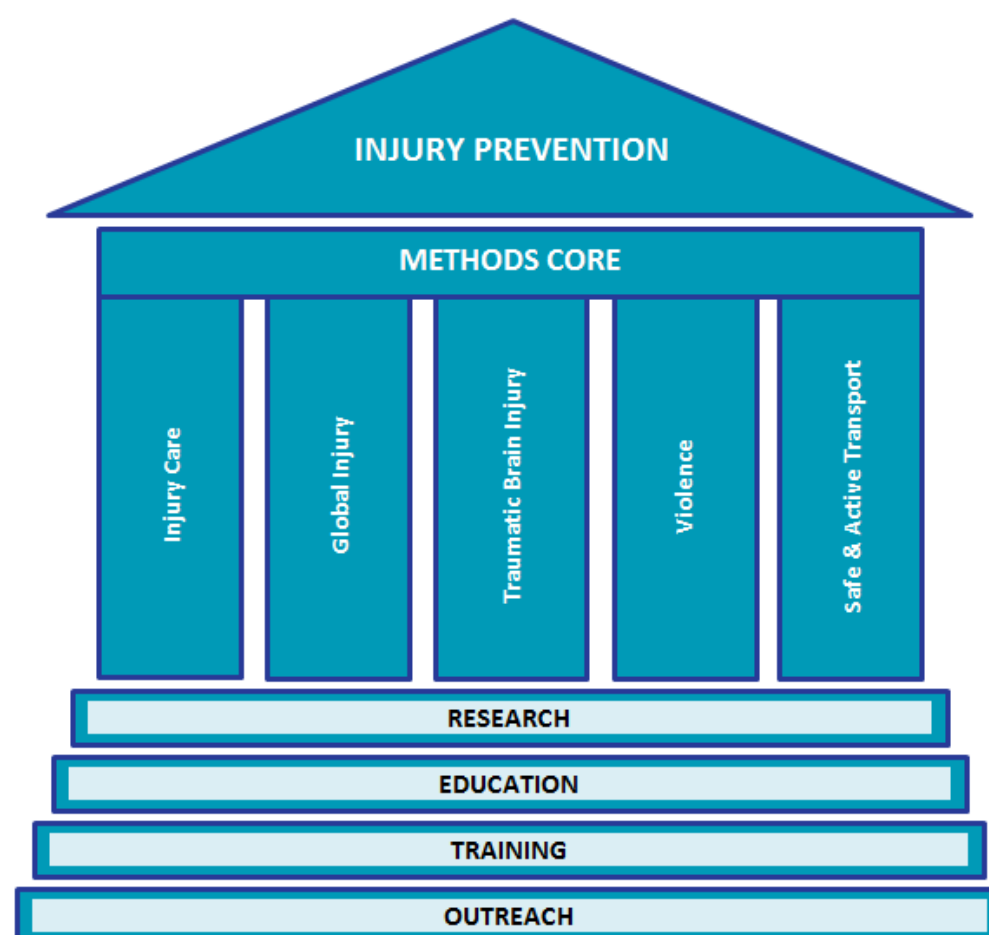
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### INJURY AREAS FROM PREVENTION TO REHABILITATION



Check our website, [www.hiprc.org](http://www.hiprc.org), for more information.



Follow us on Twitter and get your injury-related news! [@HIPRC](https://twitter.com/HIPRC)

#### Many thanks to our sponsors:

UW School of Medicine  
UW School of Nursing  
UW School of Social Work  
Harborview Medical Center (HMC)





## Letter from the Director



Dear HIPRC Colleagues,

What a fabulous year we have had since we launched last April under a new organizational and funding structure! The house of HIPRC is buzzing with activity from faculty making immense contributions in research, education and outreach—all to reduce the burden of injury across the lifespan. Just check out the dashboard in the conference room to get a sense of the depth and breadth of the work that our accomplished interdisciplinary faculty, and trainees are doing.

We now have 18 core faculty and 56 associate faculty committed to our center mission. The T32 grant in pediatric injury was renewed, which gives us the pleasure of training additional pediatric injury scientists. We continue to publish around 15 peer reviewed publications per month as a group and a number of our studies have been published in very high impact journals, such as *Annals of Internal Medicine*, and received high profile media coverage in print and radio.

We are also pleased to report our partnership with Seattle Children's Hospital on gun safety outreach. HIPRC volunteers teamed up with friends from SCH to give away a total of nearly 600 gun lock boxes and trigger locks. Thanks to Harborview Medical Center for helping HIPRC with the mission! Our partnerships continue to grow and develop; please check out our community partners on our website ([www.hiprc.org](http://www.hiprc.org)). HIPRC is pleased to be working closely with the Washington State Department of Health as well as with the Department of Health and Human Services on reducing the public health burden of injuries.

This summer, we look forward to the more than 20 summer students who will participate in the second annual HIPRC summer student program. We received over 50 applications for this competitive program which includes a mentored research project, didactics, and clinical observation experiences. Students are a mix of graduate, undergraduate and high school students from highly prestigious institutions nationwide. This means that HIPRC will be a bit crowded this summer but this is all a good sign of academic activity.

To make this all happen requires a fantastic staff and a big thanks to Harriet Saxe, HIPRC Program Manager, and Malaika Schwartz who is our communications officer for getting us a modern website. I am confident that the coming year will be equally if not more exciting. We invite you to stop by to attend our work in progress speakers and journal clubs.

I am honored to direct this incredible organization and humbled by the amount of talent we have here at HIPRC. We couldn't do all this work without our sponsors. Please take a moment to learn more about what we have been up to. We hope you enjoy reading this newsletter.

Monica S. Vavilala, MD  
*Director, HIPRC*



**Injury Care  
Section**

**Lead: Dr. Saman Arbabi**



**Safe & Active Transport  
Section**

**Lead: Dr. Beth Ebel**



**Global Injury  
Section**

**Lead: Dr. Charles Mock**



**Violence  
Section**

**Lead: Dr. Ali Rowhani-Rahbar**



**Traumatic Brain Injury  
(TBI) Section**

**Lead: Dr. Monica S. Vavilala**



## Interview with HIPRC Core Member, Dr. Nathalia Jimenez

Dr. Nathalia Jimenez, MD, MPH is a Core Member at HIPRC, an Assistant Professor of Anesthesiology at the University of Washington, and a member of the Center for Clinical and Translational Research (CCTR) at Seattle Children's Hospital.



*What is your background and how did you become interested in pain and vulnerable populations?*

I got my MD at Universidad Javeriana in Bogotá, Colombia and came to the University of Washington (UW) School of Medicine for a fellowship in Pediatric Anesthesiology at Seattle Children's Hospital.

In 2005, I got my MPH in Epidemiology from the University of Washington. When I began my MPH I was primarily interested in clinical research and advanced methodology. By the time I finish my MPH, my research interests evolved. I wanted my research to impact patients outside the operating room and to have a broader scope. As well I re-affirmed my desire to do research in vulnerable populations. That is why I focused on pain among minority populations.

*What got you started in injury prevention research?*

I had a brief experience at HIPRC while I was an MPH student. For my MPH practicum I worked with Dr. Beth Ebel at HIPRC promoting the use of booster seats among the Hispanic community. I worked with community leaders, gave presentations in churches about booster seat use, and learned a lot about the local Hispanic community. This experience was very rewarding both personally and intellectually. After many years of working mainly on pain disparities, I came back to HIPRC in 2013 to work with Dr. Fred Rivara on a project comparing disability after traumatic brain injury (TBI) between Hispanic and non-Hispanic children. In this project we identified large long term reductions in quality of life, for Hispanic children. Our findings inspired a grant proposal to study disparities in disability among Hispanic kids. We were fortunate to get our proposal awarded and now I am focusing all my efforts to continue this work. I am very excited to be back at HIPRC.

*What made you interested in working at HIPRC?*

The people were really what made me want to work at HIPRC. Fred (Dr. Rivara) is an inspiration for any investigator. As well the commitment of the rest of the investigators, including members of my own department like Dr. Vavilala is something that I truly value. Also, the collaborative environment is ideal. The work in progress sessions and the journal club are opportunities for young faculty to learn and to interact with others. These sessions are educational and also promote collaborative work. Having said that, there are other aspects that make my work at HIPRC desirable. The strong methods core and the high level of statistical support are a plus for any investigator, but especially for junior people.

*What current research projects do you work on and what kind of impact do you hope to see from the results?*

Our current grant proposal is for a 5-year three-phase research plan to study patterns and determinants of utilization of rehabilitation services among Hispanic children and its association with disability outcomes after TBI. We also want to understand the barriers and facilitators to accessing care and to explore the attitudes and beliefs about injury and disability in Hispanic communities. Lastly we plan to develop and pilot-test the feasibility and acceptability of a culturally tailored intervention to reduce barriers for use of rehabilitation services by Hispanic children with TBI.

We hope that the results from these studies will help to generate an intervention to optimize post-trauma care for Hispanic and other vulnerable children

*What activities do you enjoy outside of work?*

Mostly, I love spending time with my family. We travel frequently together, and enjoy trying new things. I also enjoy playing the piano and reading.





## HIPRC In the News

### HIPRC featured in the UW Medicine Harborview Medical Center 2014 Trauma Report

*"UW Medicine researchers at Harborview Injury Prevention and Research Center (HIPRC) examine the causes of injury and methods of prevention. Collaborating with their peers nationwide, HIPRC investigators translate their findings into best clinical practices."*

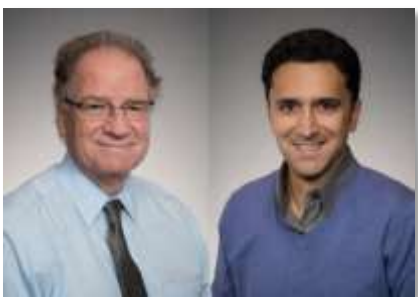
- Johnese Spisso (Chief Health System Officer, UW Medicine; Vice President, Medical Affairs, University of Washington) and Dr. Eileen Bulger, MD (Chief of Trauma, Harborview Medical Center; UW Professor of Surgery)

The UW Medicine Harborview Medical Center 2014 Trauma Report includes snapshots of the following HIPRC members and their studies:

- HIPRC Director [Dr. Monica Vavilala, MD](#) and her study to determine how best to increase adherence and reduce barriers to adoption of the "Pediatric Guidelines for Acute Medical Management of Severe Traumatic Brain Injury (TBI) in Infants, Children, and Adolescents."
- HIPRC Core Member [Dr. Doug Zatzick, MD](#) and his study published in the Annals of Surgery, that found that post-traumatic stress disorder and depression were very common among patients assessed one year after suffering a serious injury.
- HIPRC Associate Member [Dr. Melissa Schiff, MD, MPH](#) and her study to determine incidence rates of injury among soccer players as well as risk factors that predispose some girls to soccer injuries.
- HIPRC Core Members [Dr. Eileen Bulger, MD, FACS](#) and [Rob Kaufman, BS](#) and their study to conduct motor vehicle injury surveillance for occupant injuries among restrained car passengers in selected crashes to provide data that could improve the design and engineering of passenger vehicles.
- HIPRC Core Member [Dr. Fred Rivara, MD, MPH](#) and his study on gun safety in conjunction with the City of Seattle and King County.
- HIPRC Core Member [Dr. Beth Ebel, MD, MSc, MPH](#) and her study that found that nearly half of Washington State's distracted drivers were texting on mobile devices.

Full 2014 Trauma Report: <http://www.uwmedicine.org/harborview/Documents/TraumaReport-2014.pdf>

### Firearm Violence Prevention Leadership Summit Summary



Dr. Fred Rivara, MD, MPH (Professor of Pediatrics, Adjunct Professor of Epidemiology) (left) and Dr. Ali Rowhani-Rahbar, MD, PhD, MPH (Assistant Professor of Epidemiology) (right) were among the leaders of the **Firearm Violence Prevention Leadership Summit**, sponsored by King County DOH, Seattle Mayor's office, and King County Executive's office. Strategies and actions discussed at the summit include youth violence prevention, domestic violence prevention, suicide prevention, and data sharing.

Original article: <http://kingcounty.gov/elected/executive/constantine/News/release/2014/October/29-firearm-summit.aspx>

### Dr. Fred Rivara Quoted in the New York Times

Dr. Fred Rivara, MD, MPH (Professor of Pediatrics, Adjunct Professor of Epidemiology) was quoted in an article in the NY Times about increased concussion awareness, how high school sports injuries are handled, and the impact of sidelining players. More and more high school sports teams have been unable to play due to injuries, forcing teams to forfeit games or even cut playing seasons short by cancelling games altogether. There has also been an increase in concerns about injuring fellow players in practice, causing participation numbers to drop.

Original article: <http://www.nytimes.com/2014/10/30/sports/football/football-injuries-lead-to-steady-stream-of-high-school-forfeitures.html>

### WA Study Finds Suicidal Teens Have Easy Access to Firearms



Dr. Joseph Simonetti, MD, MPH (Senior Fellow Trainee of Medicine) has recently published an article in JAMA Psychiatry on a study that shows that more than 40% of American teenagers who lived in a home with a gun had easy access, despite public health recommendations on limiting firearms access, especially given that firearms are the second most common means of suicide among adolescents. Co-authors include Dr. Fred Rivara, MD, MPH (Professor of Pediatrics, Adjunct Professor of Epidemiology), and Dr. Ali Rowhani-Rahbar, MD, PhD, MPH (Assistant Professor of Epidemiology).

Original news article: <http://www.aspph.org/washington-study-finds-suicidal-teens-have-easy-access-to-firearms/>

Original publication: <http://archpsyc.jamanetwork.com/article.aspx?articleid=2048699>

### Dr. Samuel Browd, on Football Helmet Development



Dr. Samuel Browd, MD, PhD (Associate Professor of Neurosurgery) was mentioned in an article about his UW startup, [VICIS, Inc.](#), that won a \$500,000 research award from the [Head Health Challenge II](#), for their football helmet designed to mitigate the forces likely to cause concussion. The 2014 Head Health Challenge II received more than 500 proposals from 19 countries.

Original article: <http://depts.washington.edu/uwc4c/news-events/combating-concussion-new-football-helmet-innovation-from-university-of-washington-startup-wins-head-health-challenge-ii/>



## HIPRC In the News (Continued)

### Mary Fan in the News on Sexual Assault Reform and Domestic Violence Gun Restraining Orders



Mary D. Fan, JD, MPhil (Professor of Law) has been quoted in a New York Times (NYT) article titled, “The Challenge of Defining Rape”. As states across the country try to figure out how to more effectively address the problem of sexual assault, they are looking at the definition of sexual misconduct and what that entails. For example, until 2012, the Federal Bureau of Investigation (FBI) still considered rape a crime committed solely against women, a definition that has since been expanded. Defining consent, especially when there is alcohol involved, is also a challenge to amending sexual assault laws.

**Original article:** [http://www.nytimes.com/2014/10/12/sunday-review/being-clear-about-rape.html?\\_r=2](http://www.nytimes.com/2014/10/12/sunday-review/being-clear-about-rape.html?_r=2)

Fan has also been quoted in a Wall Street Journal (WSJ) Blog article titled, “Are Restraining Orders an Answer to Mass Violence?”. Under federal law and many state laws, people guilty of a felony or misdemeanor domestic-violence crime are banned from owning guns, but according to Fan, many domestic-violence incidents do not end up in court. The article quotes her paper, “[Disarming the Dangerous: Preventing Extraordinary and Ordinary Violence](#)”, soon to be published in the Indiana Law Journal.

**Original article:** <http://blogs.wsj.com/law/2014/05/27/are-restraining-orders-an-answer-to-mass-violence/>

## Outreach

### Safe Gun Storage Event

A big thank you to all who participated in the safe gun storage event on Saturday, December 13<sup>th</sup>. We had representatives from HIPRC, Seattle Children’s Hospital (SCH), Safe Kids Seattle, Harborview Medical Center (HMC), and Public Health – Seattle & King County (PHSKC), as well as other community members [photos on cover]. People waited in line up to 4 hours to receive one of the 300+ lock boxes/trigger locks that were handed out at the event.

HIPRC volunteers included:

- Dr. Fred Rivara (HIPRC Core Member)
- Dr. Monica Vavilala (HIPRC Director)
- Arun Ayyagari (Monica's husband)
- Marni Levy (HIPRC Staff)
- John Hughes (Marni's husband)
- Mary Fan (HIPRC Core Member)
- Dean Kawamoto (Mary's husband)



### HIPRC Auction Basket



The HIPRC auction basket, put together by Sarah Broliar (MPH Health Services student), had a bike safety theme and included a bike helmet, bell, reflective vest, front and rear lights, and rear view mirror. It raised \$100 towards providing necessities and comforts to hospital patients and their families such as holiday meals, stuffed animals, and blankets. Overall, the auction raised \$12,975, which broke last year’s record!

### Roll Call Video on Distracted Driving Enforcement Published

This video was created in part by Dr. Beth Ebel, MD, MSc, MPH (Associate Professor of Pediatrics, Adjunct Associate Professor of Epidemiology and Health Services) in order to encourage law enforcement of distraction. We will have a shorter version more geared for the public and lawmakers. Thanks to James Waugh, Jenn Maeser, Rob Kaufman, Annie Phare, Amy Freedheim, Angie Ward, and all the folks who helped to make this video possible.

**Video:** <https://www.youtube.com/watch?v=Y-lp8kT1pDs>



### HIPRC Joins Collaboration on Distracted and Impaired Driving Prevention



Congratulations to HIPRC Core Member Dr. Beth Ebel, MD, MSc, MPH (Associate Professor of Pediatrics, Adjunct Associate Professor of Epidemiology and Health Services), on her acceptance to the Children’s Safety Network (CSN) Community of Practice (CoP) on Distracted and Impaired Driving Prevention (DID). Other Washington State members include the Department of Health (DOH), Traffic Safety Commission (TSC), Department of Transportation (DOT), and the Washington State patrol. The CoP collaboration between DOH, WTSC, law enforcement, and HIPRC for national best practices started September 2014 and will run through August 2015.





## Outreach (Continued)

### HIPRC to Serve as Campaign Safety Leader on Pool and Swimming Safety for US Consumer Product Safety Commission

HIPRC has accepted an invitation from our new Community Partner, the [US Consumer Product Safety Commission](http://www.cpsc.gov) (CPSC), to serve as a “Campaign Safety Leader” to help promote pool and swimming safety in the USCPSC annual campaign. In this role, HIPRC will assist with disseminating messages and materials regarding water, swimming and pool safety.

More information: <http://www.poolsafety.gov/>



### HIPRC to Attend Rainier Scholars “Careers in Health” Event



Dr. Nathalia Jimenez, MD, MPH (Assistant Professor of [Anesthesiology](#)) will be a member of the brown bag lunch panel at the Rainier Scholars Career in Health event on Tuesday, January 6<sup>th</sup>, where various organizations answer general questions about careers in health and or share opportunities/programs that are available through their affiliation.

Rainier Scholars is a non-profit that cultivates the academic potential and leadership skills of hard-working, low-income students of color. By creating access to transformative educational opportunities and providing comprehensive support to scholars and families, Rainier Scholars hopes to increase college graduation rates and empower new generations of leaders.

## Students & Trainees

### HIPRC 2014 Summer Student Shan Modi to Attend 2015 Critical Care Congress



Congratulations to HIPRC 2014 Summer Student [Shan Modi](#) on the acceptance of his abstract to the 2015 Critical Care Congress in Phoenix, Arizona. His paper is titled “Cardiac Dysfunction in Adult Heart Donors & Temporal Changes of LV Systolic Function Over Time”. HIPRC mentors include [Dr. Vijay Krishnamoorthy, MD](#) (T-32 Postdoctoral Fellow, [Anesthesiology](#)) and [Dr. Monica Vavilala, MD](#) (Professor of Pediatrics and [Anesthesiology](#)).

### HIPRC 2014 Summer Student Rajiv Ayyagari Continues at HIPRC

2014 Summer Student [Rajiv Ayyagari](#) has continued to work with HIPRC Staff Member [Rosemary Grant, RN, BSN, CPHQ, CCRC](#) ([Research Coordinator for Anesthesiology](#)) on several projects. Rajiv is teaching himself how to create a REDCap database for the PEGASUS project by watching videos and doing online training, as well as reviewing the PICU Family Handbook to help reduce the reading level for families who have children in the ICU at Harborview Medical Center.

### Fogarty Injury Scholar at HIPRC



[Eunice Agyemang](#) is a Ghanaian Fogarty Injury Scholar who was in Seattle for training activities, including non-matriculated courses at the University of Washington in Injury & Violence, Current Issues in Occupational & Environmental Medicine, Problems in Global Health, and Implementing Research in Advanced Nursing Practice. Eunice was mentored by [Dr. Charles Mock, MD, PhD, MPH, FACS](#) (Professor of Surgery, Epidemiology, and Global Health) and [Dr. Beth Ebel, MD, MSc, MPH](#) (Associate Professor of Pediatrics, Adjunct Associate Professor of Epidemiology and Health Services).

### HIPRC Methods Core

The HIPRC Methods Core was launched this quarter and provides assistance and training in the conduct of high-quality research using rigorous methodologies. HIPRC Staff Member and Epidemiology PhD candidate, [Brianna Mills, MA](#) has been busy helping researchers with a wide variety of issues, anywhere from finding the right dataset to full research projects related to TBI complications, laryngeal trauma, school transportation, or surgical outcomes.

### Early Career Injury Investigators Research Network (EIIRN)



We are happy to announce our new mailing list and monthly gatherings for researchers in the early stages of their career who are interested in injury, trauma, and violence, founded by Health Services PhD candidate [Laura Blonar, MHS](#) (left) and HIPRC Staff Member [Brianna Mills, MA](#) (right).

EIIRN provides peer support and a multidisciplinary network of junior researchers with shared interests in injury. Graduate students, residents, fellows and junior faculty are all welcome. To subscribe to the EIIRN mailing list and get notified of future events, visit <https://mailman1.u.washington.edu/mailman/listinfo/eiirn>.



Guest Lecturers at HIPRC

Title:	Presenter:	Date:
The changing landscape of youth marijuana use in Seattle	Inga Manskopf, BS <i>Seattle Children's Hospital's Prevention WINS coalition manager</i>	10/03/14
Traffic safety in Peru	Jaime Miranda, MD, MSc, PhD <i>Associate Professor of Medicine at Universidad Peruana Cayetano Heredia</i>	10/07/14
Risk Factors for Traumatic Brain Injuries during Falling in Older Persons	Mau-Roung Lin, PhD <i>Chair of the Graduate Institute of Injury Prevention &amp; Control, Taipei Medical University</i>	10/20/14
YMCA Alive & Free Program	Mariko Lockhart, MPA <i>Director of the Seattle Youth Violence Prevention Initiative</i> Jovi Catena <i>Program Manager for YMCA Alive &amp; Free</i>	11/07/14
Adverse Childhood Experiences (ACEs)	Dr. Kym Ahrens, MD <i>Pediatric and Adolescent Gynecology, Adolescent Behavioral Health at Seattle Children's Hospital</i>	11/21/14
TBI Models in Drosophila	Daniel Promislow, PhD <i>Professor of Pathology at University of Washington</i>	12/19/14

Weekly Work in Progress (WIP) Seminars

Weekly meetings are held every quarter to present ongoing and completed research by HIPRC members, community partners, and guest speakers. These presentations broaden our knowledge of important injury research, interventions, and practices. The following is a list of presentations given this quarter.

Title:	Presenter:	Date:
Disparities in disability after TBI for Hispanic children	Dr. Nathalia Jimenez, MD, MPH <i>Assistant Professor of Anesthesiology</i>	09/10/2014
ACE, morbidity, & suicidal behavior	Dr. Alon Ben-Ari, MD <i>Assistant Professor of Anesthesiology &amp; Pain Medicine</i>	09/17/2014
An extended economic analysis of a motorcycle helmet law in Vietnam	Dr. John Staples, MD, MPH <i>Acting Instructor of Medicine</i>	09/24/2014
Primary Prevention of Sexual Assault: Best Practice	Rebecca Milliman, MSW <i>Prevention and Education Coordinator at the Harborview Center for Sexual Assault and Traumatic Stress</i>	10/08/2014
Safe Kids Seattle South King: Community Outreach in Pediatric Injury Prevention	Elizabeth Esselman, BA <i>Program Operations Specialist for Rewards and Recognition and Safe Kids Seattle Programs</i> Tracy Gooding, MBA <i>Director of Patient Relations and Volunteer &amp; Community Services at Harborview Medical Center</i>	10/15/2014
Why is cell phone use compulsive? Understanding the neurocognitive basis for distracted driving: developing a grant proposal	Dr. Beth Ebel, MD, MSc, MPH <i>Associate Professor of Pediatrics, Adjunct Associate Professor of Epidemiology and Health Services</i>	10/22/2014
Aurora Bridge Suicide Outcomes	Andrew Fleming, PhD <i>Senior Fellow, Psychiatry &amp; Behavioral Sciences</i>	11/12/2014
Are prognostic scores for TBI valid in elderly patients?	Dr. John Staples, MD, MPH <i>Acting Instructor of Medicine</i>	11/19/2014
Teen dating violence victimization among high school students in Maryland: A multilevel analysis of individual-level and school-level risk factors	Elizabeth Parker, PhD, MHS <i>Postdoctoral Fellow in the Department of Mental Health at Johns Hopkins University's Bloomberg School of Public Health</i>	12/10/2014



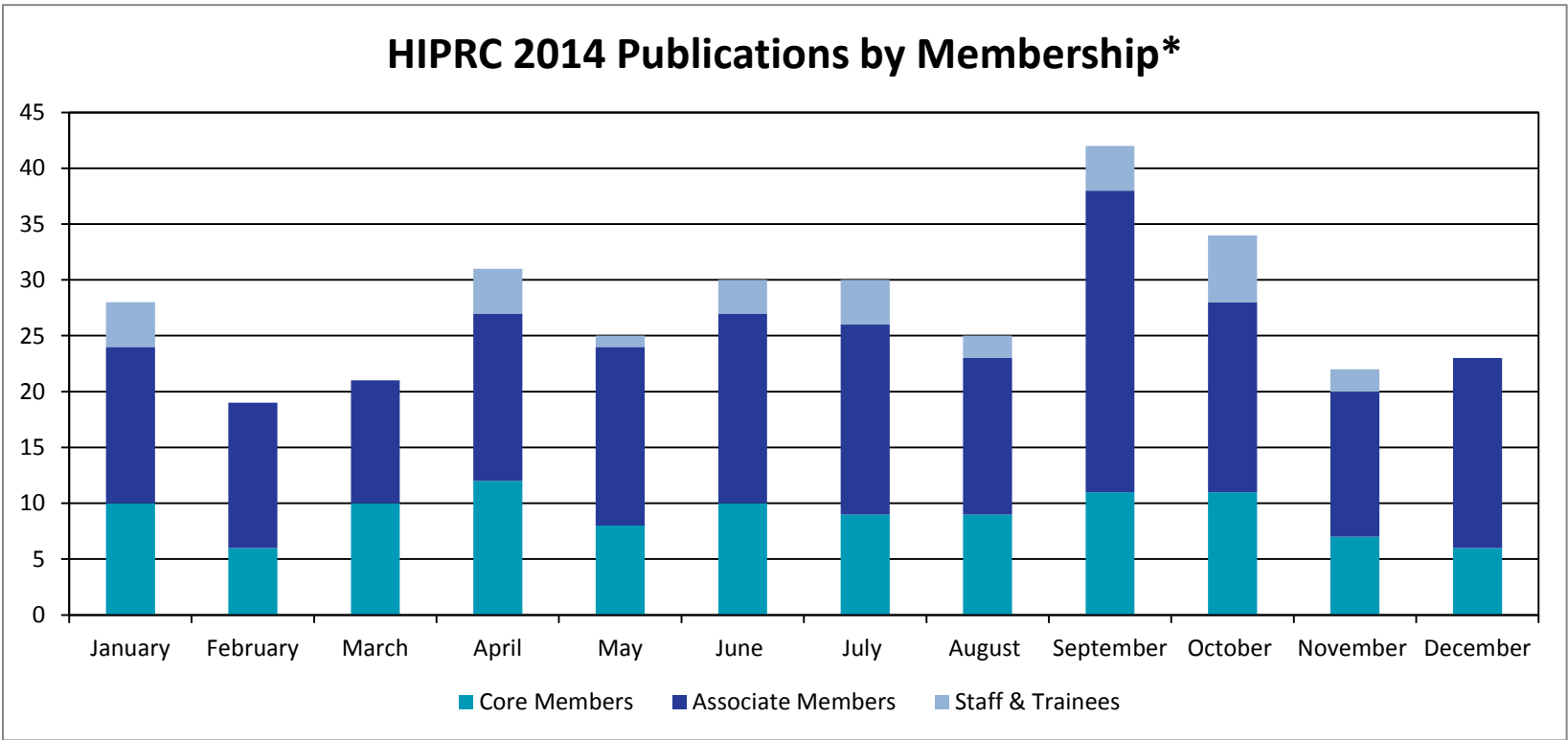
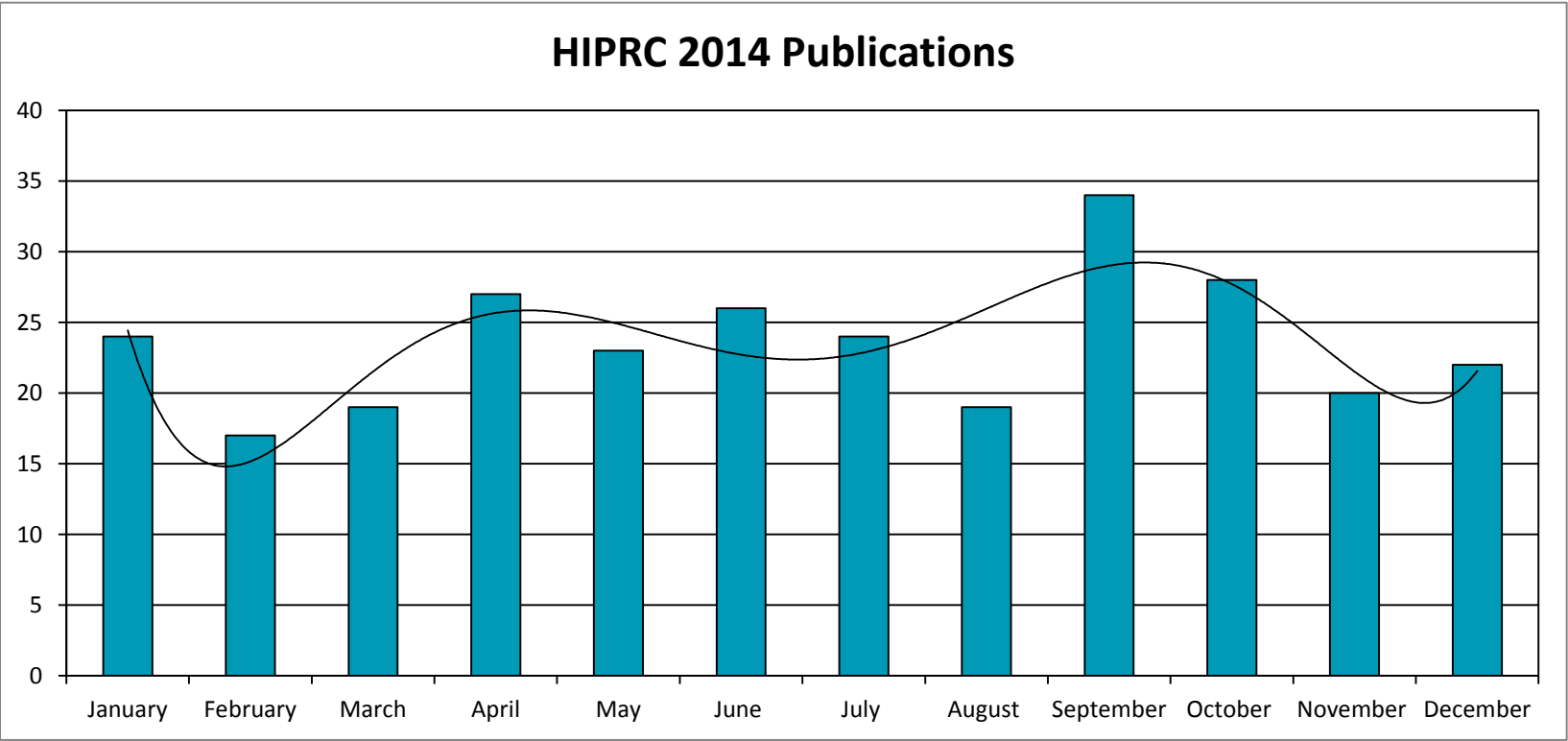


New Funding

Study/Project Title:	Investigator(s):	Organization:	Amount:	Project Period:
EVAluation Of Longitudinal outcomes in mild TBI Active-Duty Military and Veterans (EVOLVE)	Christine MacDonald, PhD <i>Assistant Professor of Neurological Surgery</i>	National Institute of Child Health & Human Development (NICHD)	\$2,499,402	7/2015 - 6/2020

Publications

It’s been a great year for publications by HIPRC Faculty, Staff, and Trainees! **In 2014**, we published **283 articles** in **167 different journals**, averaging 23.6 publications/month. There was a lot of collaboration with authors from other UW departments and institutions, as well as some of our summer students! To see a complete list of publications, you can go to our website at: <http://depts.washington.edu/hiprc/researchpub/publications/>.



\* Total numbers may not match the chart above, as HIPRC Members collaborated on 23% of publications with other HIPRC faculty, staff, and trainees.

## University of Washington Partners

	NW Center for Excellence in Media Literacy		University of Washington		Washington State Transportation Center (UW TRAC)
	Northwest Center for Public Health Practice		UW Civil & Environmental Engineering (CEE)		
	Social Development Research Group (SDRG)		UW School of Public Health		

## Local & National Community Partners

	Administrative Office of the Courts (AOC)		Public Health – Seattle & King County (PHSKC)		US Consumer Product Safety Commission (CPSC)
	Bill & Melinda Gates Foundation		Rainier Scholars Club		US Department of Transportation National Highway Traffic Safety Administration (DOT/NHTSA)
	Brain Injury Alliance of Washington (BIAWA)		Safe Kids Seattle		Washington Association of Sheriffs and Police Chiefs (WASPC)
	Centers for Disease Control and Prevention (CDC)		Safe Kids Washington		Washington Poison Center (WAPC)
	Central Region EMS & Trauma Care Council		Seattle Children's Hospital (SCH)		Washington State Patrol (WSP)
	Crash Injury Research and Engineering Network (CIREN)		Seattle City Council		Washington State Department of Health (DOH)
	Forefront: Innovations in Suicide Prevention		Seattle Police Department (SPD)		Western Pacific Injury Prevention Network (WPIPN)
	National Center for Injury Prevention and Control (NCIPC)		Society for Advancement of Violence and Injury Research (SAVIR)		

## International Partners

	Academy of Traumatology (India) Gujarat, India		International Society of Surgery		PanAmerican Trauma Society
	Building and Road Research Institute Kumasi, Ghana		Jai Prakash Narayan Apex Trauma Centre, All India Institute of Medical Sciences New Delhi, India		Prince Songkla University Hat Yai, Thailand
	Faculty of Medicine Siriraj Hospital, Mahidol University Bangkok, Thailand		Kwame Nkrumah University of Science and Technology Kumasi, Ghana		World Health Organization (WHO)





## HIPRC Fellows



Pictured (left to right): Dr. Molly Fuentes, MD; Dr. Katy Flynn-O'Brien, MD; Dr. Alex Quistberg, PhD  
Not pictured: Dr. Vijay Krishnamoorthy, MD

Our fellows have been extremely busy this past quarter.

**Dr. Fuentes** is in the process of revising a manuscript on functional disparities for American Indian/Alaska Native (AI/AN) children with traumatic brain injury. She began developing a project to explore concussion awareness and attitudes in urban American Indian/Alaska Native (AIAN) youth. Working with local schools and the Indian Health Board, Dr. Fuentes hopes to assess attitudes towards concussion and develop culturally appropriate approaches to expanding concussion education, awareness, and treatment among AIAN youth.

**Dr. Flynn-O'Brien** attended the 2014 [Pediatric Trauma Society Meeting](#) on November 14-15 and gave a podium presentation titled, "Pediatric Trauma Assessment and Management Database: A multi-institutional feasibility study."

**Dr. Quistberg** published several articles:

- Quistberg DA, Koepsell TD, Boyle LN, Miranda JJ, Johnston BD, Ebel BE. [Pedestrian signalization and the risk of pedestrian-motor vehicle collisions in Lima, Peru](#). *Accid Anal Prev*. 2014;70:273-81.
- Quistberg DA, Koepsell TD, Miranda JJ, Ng Boyle L, Johnston BD, Ebel BE. [The walking environment in Lima, Peru and pedestrian-motor vehicle collisions: An exploratory analysis](#). *Traffic Inj Prev*. 2014;16:314-21.
- Kassebaum NJ, Bertozzi-Villa A, Coggeshall MS, et al. [Global, regional, and national levels and causes of maternal mortality during 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013](#). *Lancet*. 2014;384(9947):980-1004.
- Murray CJ, Ortblad KF, Guinovart C, et al. [Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013](#). *Lancet*. 2014;384(9947):1005-70.

**Dr. Krishnamoorthy** published the following paper:

- Krishnamoorthy V, Prathep S, Sharma D, Gibbons E, Vavilala MS. [Association between electrocardiographic findings and cardiac dysfunction in adult isolated traumatic brain injury](#). *Indian J Crit Care Med*. 2014;18(9):570-4.



**“I feel the HIPRC provides unique access to infrastructure and expertise that can elevate the impact and caliber of my injury-related research activities. I’m particularly excited about the opportunity for interdisciplinary collaboration that the diverse and highly-skilled membership of the HIPRC provides.”**

**– Associate Member Dr. Maya Sardesai, MD, MEd (Assistant Professor of Otolaryngology)**



**“My experience at HIPRC (aside from the opportunity to take classes in research methodology as part of the T32 fellowship) has been valuable for me in the following ways:**

**The interdisciplinary research mentorship has allowed me to gain insights from multiple research and clinical perspectives. This exposes me to a broad range of research methodologies as well as helping me make my own work accessible and meaningful beyond my clinical discipline.**

**The support of the Methods Core, including data analyst help, is great! It helps with my efficiency and I plan on using their support much more in the coming months.**

**Both the physical environment of HIPRC - with diverse researchers being collocated and meeting together frequently - and the social environment - where interdisciplinary collaboration is encouraged and a diversity of perspectives appreciated - are conducive to building collaborative relationships which are so helpful to me as I begin my research career.**

**From a daily operations standpoint, getting to have an office away from the clinical environment has been a welcome improvement for my focus and efficiency. I also appreciate that I have the technical and software support I need.”**

**- Dr. Molly Fuentes, MD (T-32 Postdoctoral Fellow in Rehabilitation Medicine)**