



AWARDS RECEIVED

Congratulations to Hilaire Thompson for receiving HRSA grant funding to revamp the Acute Care A/GNP program



Organization: Health Resources & Services Administration (HRSA)
Project Investigator: Hilaire Thompson, PhD, RN, ACNP-BC, CNRN, FAAN (Associate Professor for Biobehavioral Nursing & Health Systems)
Project Title: Preparing Acute Care Nurse Practitioners for Care of Adults and Older Adults with Multiple Chronic Conditions Project
Amount: \$648,945 over 5 years
Project Period: 07/01/2014 – 06/30/2017

This project will revise and enhance the Adult/Gerontology Nurse Practitioner-Acute Care (AGNP-AC) track within the University of Washington's DNP program to prepare graduates to work in an inter-professional manner to better care for acute and critically ill and injured adult/older adults, particularly those presenting with multiple chronic conditions.

RAS-ACS International Exchange Scholarship Program - Ireland



Katherine 'Katy' Flynn-O'Brien, MD (T-32 Postdoctoral Fellow, Surgery) will be going to Dublin in November for the Millin Symposium, hosted by the Royal College of Surgeons in Ireland (RCSI). The RAS-ACS International Exchange Scholarship provides \$2,500 for airfare, sustenance, and lodging, in order for scholars to attend a major, international surgical meeting

The RAS-ACS International Exchange Scholarship Program was established with the support of the American College of Surgeons (ACS) International Relations Committee (IRC) and the ACS Division of Member Services. The objective of this program is to encourage the international exchange of surgical information concerning training paradigms, health care delivery models, and research opportunities, in addition to establishing and fostering professional and academic collaborations and friendships. Current meeting locations include Ireland, Australia-New Zealand, Italy, and Lebanon, and efforts are underway to expand, by engaging nations in Africa, South America, and Asia.

First Place Poster by 2014 Summer Student, Shan Modi!



Congratulations to Shan Modi, one of our 2014 Summer Students, for his first place poster at the University of Texas Medical Branch (UTMB), Medical Student Summer Research Program Symposium! Shan spent 2 months at HIPRC under the mentorship of Dr. Vijay Krishnamoorthy (T-32 Postdoctoral Fellow, Anesthesiology) and HIPRC Director, Dr. Monica Vavilala (Professor of Anesthesiology and Surgery).

Out of approximately 100 posters that were presented by other medical students who participated in research this summer, Shan's poster on cardiac dysfunction in adult, brain-dead heart donors and the use of serial echocardiography for adult, brain-dead patients to improve donor harvest rates won first place.

"Upon brain death, one echo to analyze cardiac function is not enough, as some hearts undergo reversible cardiac dysfunction at the point of brain death. If you wait one to two days and perform multiple echoes, you can see that this cardiac dysfunction can reverse, leading to usable hearts for cardiac donation." – Shan Modi

PUBLICATIONS

HIPRC publication "Public Bicycle Share Programs and Head Injuries" in the news



Since publication in the American Journal of Public Health, the article, "Public Bicycle Share Programs and Head Injuries" by Janessa Graves, PhD, Assistant Professor at Washington State University College of Nursing (and former Pediatric Injury Research fellow) and Frederick Rivara, MD, UW Professor of Surgery, has been cited in articles in the [Chicago Sun-Times](#), [the Washington Post](#), [Boston Magazine](#), [the Smithsonian Magazine](#), [KPLU](#), and on [National Public Radio \(NPR\)](#).

The study evaluated the effect of North American public bicycle share programs, which typically do not offer helmets with rentals, on the occurrence of bicycle-related head injuries, analyzing trauma center data for bicycle-related injuries from 5 cities with public bicycle share programs and 5 comparison cities. Results suggest that steps should be taken to make helmets available with public bicycle share programs. Helmet availability should be incorporated into public bicycle share program planning and funding, not considered as an afterthought following implementation.



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- Publications
- General Announcements
- Weekly Work In Progress (WIP)
- Upcoming Events of Interest
- Grant Opportunities
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GENERAL ANNOUNCEMENTS

Chip Hanauer "The Boat Guy" and Seattle Mariners "Gear Up" to Promote Life Jacket Use



Hydroplane racing legend Chip Hanauer, "The Boat Guy," is in a new public service campaign called "Gear Up." The Boat Guy is teaming up with the Seattle Mariners to help promote the "Gear Up" campaign. Hanauer was at the Seattle Mariners' day game on July 23, 2014 at Safeco Field to throw out the first pitch and promote the campaign. The "Gear Up" campaign officially launched on July 18, 2014 at TheBoatGuy.com.

"Gear Up" uses the analogy of wearing proper sports equipment with wearing a life jacket to prevent accidental drownings in Washington State. Drowning is the second-leading cause of unintentional injury or death for youth's age 1-17 in Washington. Historically, 75% of boating fatalities can be prevented by wearing a life jacket.

The "Gear Up" campaign continues throughout the summer with a multi-media campaign across Washington State. In addition, TheBoatGuy.com will promote "Gear Up" during The Boat Guy episodes. The Boat Guy website is an ideal tool to promote year-round water safety and will also feature a "Gear Up Pledge" page where fans can pledge their promise to "Gear Up" and wear a life jacket.

Hanauer is famous for a fearless racing career and jaw-dropping hydroplane crashes. As "The Boat Guy," his charm and wit have further endeared him to people across the Pacific Northwest, transforming his celebrity into the face of boating in the region. Many boating tragedies can be avoided by simply wearing the right safety gear, all of the time. Always wearing life jackets while playing, swimming, or boating in lakes, rivers, and the ocean can keep you safe on the water.

HIPRC WEEKLY WORK IN PROGRESS (WIP)

Presenter: Ali Ajdari, PhD Candidate for Industrial Engineering, University of Washington
Title: Studying the effect of waste times on patients' outcomes in severe pediatric traumatic brain injury
Date/Time: Wednesday, July 30th, 1-2PM
Description: Our aim is to define and identify remedial, high priority value added and non-value added TBI care processes using Value Stream mapping (VSM) and to determine the effect of waste times on patients' outcomes.

Presenter: Brianna Mills, MA, Epidemiology doctoral student, University of Washington
Title: TBD
Date/Time: Wednesday, August 6th, 1-2PM
Description: TBD

If you are interested in presenting your work at a HIPRC WIP, please contact Darian at hiprc@uw.edu. WIP sessions are on Wednesdays from 1-2PM. Currently available presentation dates for 2014 are 10/22 and 11/19.

All WIP Seminars will be held in the HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 🗺️

UPCOMING EVENTS OF INTEREST

2-Day Strategic Grant Development Workshop sponsored by the Institute for Strategic Funding Development (ISFD)

Location: Seattle Central Community College

Date/Time: Monday & Tuesday, September 15 - 16, 8:30AM-5:00 PM

Description: To teach individual and groups a comprehensive overview of effective grant development techniques, including: finding best fit funding sources, creating innovative programs, & planning for funding sustainability.

This grant writing workshop offers you key, proven strategies to develop winning proposals. Here is what you will learn to make your next proposal competitive and successful:

- Writing persuasive proposals
- Identifying relevant government, foundation, and corporate funding sources
- Establishing an efficient pre-proposal planning process
- Developing and organizing results-oriented proposal ideas
- Preparing and writing content to effectively meet proposal guidelines
- Managing and streamlining submission procedures and follow-up

Strategic Proposal Writing - You will learn why a successfully written proposal requires an organized, systematic approach to conveying your story.

Strategic Grant Research - This course will introduce you to new tools and techniques that will help identify and cultivate government, foundation, and corporate grant makers.

Strategic Program Planning - You will gain a sound overview on how to ensure your proposals are clear, significant and compelling.

Tuition for this 2-Day Grant Writing Workshop is \$498 per person, with a \$25 off discount for early sign-ups (10 business days or more before the workshop). Each participant will receive the following items:

- * ISFD Certificate of Completion accredited by CFRE with 15 Continuation Education Units (CEU)
- * Strategic Grant Writing Development Proposal Workbook and Bonus Materials, Fundraising & Research CD
- * On-going consulting services with ISFD instructors & staff

Registration:

- 1) Online at <http://www.isfdonline.com/>
- 2) Phone - Call us at (877) 414-8991. An ISFD consultant will assist you with your registration and answer any questions.
- 3) Email - Send an email to info@isfdonline.com with your basic contact information and a seat will be reserved.





GRANT OPPORTUNITIES

Attached to this email is a list of grant application due dates compiled by Cathy Blackburn, HIPRC's Pre-Award Support staff member.
<http://www.washington.edu/research/funding/opportunities/>

CORRECTIONS

Dr. Nathalia Jimenez is an Assistant Professor of Anesthesiology, not Acting Assistant Professor.

| HIPRC CALENDAR July 2014 | | | | | |
|---|---------|--|----------|--|---------|
| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SAT/SUN |
| 30 June | 1 July | 2 | 3 | 4 | 5/6 |
| | | NO WIP Methods Core Meeting 12-1PM, HIPRC Library | | HAPPY INDEPENDENCE DAY! | |
| 7 | 8 | 9 | 10 | 11 | 12/13 |
| HIPRC Staff Meeting 2PM, Conference Room | | Student Seminar: Research Coordinators, 1PM, Conference Room HIPRC Faculty Meeting, 2PM, Conference Room | | Student Seminar: Where do study questions come from? 3PM, Conference Room | |
| 14 | 15 | 16 | 17 | 18 | 19/20 |
| Meet for Tea 3-4PM, Kitchen  | | WIP: Megan Moreno, MD, MS Ed, MPH. Older Adolescent Marijuana Use 1-2PM, Conference Room | | | |
| 21 | 22 | 23 | 24 | 25 | 26/27 |
| | | | | Lunch Club 12-1PM Conference Room Bring a dish to share!  | |
| 28 | 29 | 30 | 31 | 1 August | 2/3 |
| | | WIP: Ali Ajdari, PhD Candidate for Industrial Engineering. Effects of Waste Times on Patients' Outcomes in Pediatric TBI 1-2PM, Conference Room | | | |

GRANT APPLICATION DUE DATES

| Activity Codes | Program Description | Application | Cycle I Due Date | Cycle II Due Date | Cycle III Due Date |
|---|--|-------------|------------------|-------------------|--------------------|
| P Series | Program Project Grants and Center Grants | SF424 (R&R) | Jan 25 | May 25 | Sept 25 |
| R18, U18 R25 All - | Research Demonstration | SF424 (R&R) | Jan 25 | May 25 | Sept 25 |
| G07, G08, G11, G12, G13, G20, R10, R24, S06, S11, S21, S22, SC1, SC2, SC3, UG1, U10, S06, U19, U2C, U41, U42, U45, U54, U56 | Education Projects | SF424 (R&R) | Jan 25 | May 25 | Sept 25 |
| R01 new | Other Activity Codes | SF424 (R&R) | Feb 5 | June 5 | Oct 5 |
| K series new | Research Grants | SF424 (R&R) | Feb 12 | June 12 | Oct 12 |
| R03, R21, R33, R21/R33, R34, R36 new | Research Career Development | SF424 (R&R) | Feb 16 | June 16 | Oct 16 |
| R15 All - | Other Research Grants | SF424 (R&R) | Feb 25 | June 25 | Oct 25 |
| R01 renewal, resubmission, revision | Academic Research Enhancement Award (AREA) | SF424 (R&R) | Mar 5 | July 5 | Nov 5 |
| K series renewal, resubmission, revision | Research Grants | SF424 (R&R) | Mar 12 | July 12 | Nov 12 |
| R03, R21, R33, R21/R33, R34, R36 renewal, resubmission, revision | Research Career Development | SF424 (R&R) | Mar 16 | July 16 | Nov 16 |
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| R18, U18 R25 All - | Research Grants | SF424 (R&R) | Jan 25 | May 25 | Sept 25 |



GENERAL ANNOUNCEMENTS

American College of Surgeons National Surgical QI Program National Conference Talk



Help us congratulate Rosemary Grant, RN, BSN, CPHQ (QI Implementation Coordinator, Anesthesiology) on her talk at the 2014 American College of Surgeons National Surgical Quality Improvement Program National Conference. Rosemary's talk on the "University of Washington Medical Center Approach: Using the ACS NSQIP Return on Investment (ROI) Calculator to Demonstrate Medical Center Cost Savings" was part of a panel discussion with former UW Medicine Chief of General Surgery, Dr. E. Patchen Dellinger, MD, FACS.

The presentation was a summary of QI efforts in the Division of General Surgery and how the reductions in complications from participations in those registries translated into cost savings for the Medical Center. There were approximately 1,200 people in attendance.

HIPRC Workshop Date Change

The HIPRC Workshop date has been changed from Wednesday, September 24th, 2014 to Friday, February 27th, 2015, and will be in the Harborview R&T Building. Details will be forthcoming.

UPCOMING EVENTS OF INTEREST

Deisher Dinner Lecture: Promoting Health Careers Among Economically Disadvantaged Youth

Location: [Ivar's Salmon House](#) 

Date/Time: Thursday, September 18th, 6:00-8:30 PM

Description: Guest Speaker Dr. Manuel Ángel Oscós-Sánchez, MD, is a Professor of Medicine in the Department of Family and Community Medicine at the University of Texas Health Science Center in San Antonio. After his Family Medicine Residency, he completed a research fellowship at the University of California Los Angeles where he began to investigate Latino Youth Violence. Since 2005, he has used Community-Based Participatory Action Research methods to work with an economically disadvantaged Latino community in San Antonio, Texas to address youth violence and other locally defined priority adolescent health issues.

Registration:

- Early Registration (before August 6) - \$40
- Standard Registration (August 6 to September 1) - \$45
- Late Registration (September 1 to September 15) - \$50
- Fellows (before September 15) - \$10

Starter Options:

Ivar's Famous Clam Chowder
Mixed Green Salad
Classic Caesar Salad

Dinner Options:

Grilled Chicken Breast
Hazelnut Crusted Alaskan True Cod
Roasted Garlic Sun-Dried Tomato Pasta

Please email adomedadmin@seattlechildrens.org to register with your starter & dinner choices. Registration will not be counted unless payment has been given with dinner order.

Acceptable payment includes cash, checks made out to UW Deisher Endowment, or UW/SCHO Faculty Funds

Send payments to:

ATTN: Ado Admin
M/S CSB-200
PO Box 5371
Seattle WA 98145-5005

General Surgery Interest Group (GSIG) Welcome Event

Date: Wednesday, August 6th, 6PM

Location: Katy Flynn-O'Brien's house. The address is: [1426A 18th Ave, Seattle, WA 98122](#) 

To get there from the corner of 18th and Pike St., go west on Pike St. towards the Dead End sign. Turn right on the alley. It is the third house on the right. If you park on 19th, there are stairs that take you to the cul-de-sac and give you access to the alley. There is usually parking on 18th or 19th Ave, or some in the alley (parallel to & in-between 18th and 19th).

HIPRC Summer Student Presentations

Date/Time: Friday, August 15th 9-10AM, HIPRC Conference Room

Students will present a brief summary of their respective projects. Bagels and juice provided! All are welcome to attend.

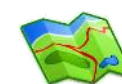
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- General Announcements
- Upcoming Events of Interest
- Weekly Work In Progress (WIP)
- Student Opportunities
- Job Opportunities
- Grant Opportunities
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HIPRC WEEKLY WORK IN PROGRESS (WIP)

- Presenter:** Arthi Narayanan, Pre-medical student, University of Pittsburgh
Title: Development of a systems engineering-based model to evaluate pediatric trauma team design
Date/Time: Wednesday, August 13th, 1-2PM
- Presenter:** Brianna Mills, MA, Epidemiology doctoral student, University of Washington
Title: Facility-level characteristics and pediatric mortality following severe TBI in the National Trauma Databank
Date/Time: Wednesday, August 20th, 1-2PM
Description: This presentation will describe how we used data from the National Trauma Databank, which contains data from more than 800 trauma centers across the US, to evaluate associations between characteristics of the facility where pediatric patients were treated for a severe TBI and risk of 30-day in-hospital mortality. We found that the region of the country where a patient is treated is significantly associated with risk of mortality, while characteristics like facility size and teaching status are not.

There is no WIP this week!

All WIP Seminars will be held in the HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 🗺️

STUDENT OPPORTUNITIES

Undergraduate Opportunity

Seeking undergraduate with medicine-related career goals for a chart review project regarding a physical activity intervention for youth with prolonged concussive symptoms. Must have significant science and research interests, be very detail-oriented, and committed to working on this project 10 hours per week. Possible authorship opportunities for engaged and hard-working candidate.

Please contact Dr. Sara Chrisman via email and attach a CV and cover letter: Sara Chrisman, MD, MPH, sdow@uw.edu

JOB OPPORTUNITIES

Research Coordinator Position - Marijuana DUI Study

Description: The Research Coordinator will work under the general direction of the two Principal Investigators, providing overall coordination of a grant to examine the impact of recent cannabis consumption and impaired driving funded by the AAA Foundation for Traffic Safety. The project will include interviews with stakeholders to document policy and practice in suspected driving under the influence (DUI) cases in Washington State. The research coordinator will be responsible for establishing data sharing agreements and human subjects approvals for multiple datasets to conduct analyses of the relationship of marijuana in toxicology data for DUI cases with other data including crash and driving offenses. A comprehensive literature review of the relationship between cannabis consumption, impairment, and driving behaviors will be conducted. Will contribute to the writing and editing of reports and manuscripts.

Notes: Temporary, part time (60% FTE) until November 2015.

Req #110370:

<https://uw hires.admin.washington.edu/eng/candidates/default.cfm?szCategory=jobprofile&szOrderID=110370&szCandidateID=0&szSearchWords=&szReturnToSearch=1>

GRANT OPPORTUNITIES

<http://www.washington.edu/research/funding/opportunities/>



HIPRC CALENDAR

August 2014

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SAT/SUN |
|---|---------|--|----------|--|---------|
| 28 July | 29 | 30 | 31 | 1 August | 2/3 |
| | | | | | |
| 4 | 5 | 6 | 7 | 8 | 9/10 |
| | | Methods Core Meeting 12-1PM, HIPRC Library | | | |
| 11 | 12 | 13 | 14 | 15 | 16/17 |
| Meet for Tea 3-4PM, Kitchen  | | WIP: Arthi Narayanan Development of a systems engineering-based model to evaluate pediatric trauma team design 1-2PM, Conference Room | | Summer Student Research Presentations 9-10AM, Conference Room | |
| 18 | 19 | 20 | 21 | 22 | 23/24 |
| | | WIP: Brianna Mills, MA Facility-level characteristics and pediatric mortality following severe TBI in the National Trauma Databank 1-2PM, Conference Room | | Lunch Club 12-1PM Conference Room Bring a dish to share!  | |
| 25 | 26 | 27 | 28 | 29 | 30/31 |
| | | | | | |



AWARDS RECEIVED

Congratulations to Core HIPRC member Eileen Bulger on her DOD grant!



Organization: US Department of Defense (DOD)
Project Co-Investigator: Eileen Bulger, MD, FACS (Professor of Surgery)
Project Title: Prehospital Tranexamic Acid Use for Traumatic Brain Injury
Amount: \$2,839,214
Project Period: 10/2014 – 12/2015

Eileen will be working with principal investigator, [Susanne May, PhD, MS \(Associate Professor of Biostatistics\)](#) and co-investigator [Barbara McKnight, PhD, MS \(Professor of Biostatistics\)](#).

Tranexamic acid (TXA) has been shown to reduce the number of patients with a traumatic brain injury (TBI) that require a blood transfusion, as well as the volume of the transfusion. The objective of this study is to provide insight into the efficacy, safety, and mechanism of action of 2 dosing regimens of TXA in subjects with TBI who are not expected to receive a massive transfusion (MT). This will be a phase II multi-site, randomized, double-blind, placebo-controlled trial and will partner with the Resuscitation Outcomes Consortium (ROC). Recommendations for battlefield treatment of TBI are limited and focus only on maintaining perfusion and avoiding hypoxemia. TXA has significant potential to impact disability and survival in TBI. Data from this study may provide the foundation for expanding both military and civilian guidelines for treatment of TBI.

PUBLICATIONS

Caleb Banta-Green quoted in article on wastewater sampling



KOMO 4 News interviewed [Dan Burgard, PhD \(Associate Professor of Chemistry at the University of Puget Sound\)](#) about his study on how much marijuana use in Washington State may change after legalization, by measuring THC metabolites in sewage (wastewater). They are testing samples collected months ago from undisclosed sewage treatment plants in Washington State to determine the level of marijuana use before it became legal to buy. They'll take comparative samples again after retail stores are fully up and running. Even though drug use can only be determined at a population level, not individual, concerns about using information obtained without consent were raised. HIPRC Associate member, [Caleb Banta-Green, PhD, MPH, MSW \(Senior Research Scientist at the Alcohol and Drug Abuse Institute, Affiliate Assistant Professor for Health Services\)](#), is quoted as saying:

"Anybody with a good chemist in any level of government can already do this. If law enforcement wanted to do this and had the proper domain to do that, they could do it. I can't stop them from doing it. What I can do as a scientist is say 'here's what I'm doing.' I think the thing that's important is the population level in order to inform good health responses."

Dr. Banta-Green used this method to test wastewater samples from 96 Oregon communities in 2008, and found that meth was used in every single one of them. He has said that testing wastewater can show which drug policies are wasting money and which are working, which could possibly mean spending less money on police, courts and jails.

The original article can be found here: <http://www.komonews.com/news/local/Sewage-test-Will-you-smoke-pot-now-that-its-legal-268153692.html>

GENERAL ANNOUNCEMENTS

Preventing Window Falls: A Regional Forum

Noting an increase in window falls within the region, the Western Pacific Injury Prevention Network formed the Regional Window Falls Prevention Workgroup. The workgroup includes diverse representation from four states within the region: Washington, Oregon, Hawaii, and Nevada. Early workgroup discussions identified shared challenges with window falls and benefits from leveraging limited resources to gain broader support.

On June 16th, the workgroup hosted a Regional Window Falls Prevention Forum with participants from organizations including the Consumer Product Safety Commission, building code council, military housing, housing authority, non-profit organizations, public health (local and state), hospitals, EMS, fire, legal, and parent advocates from Washington, Oregon, and Hawaii. HIPRC Associate member, [Brian Johnston, MD, MPH \(Chief of Pediatrics at Harborview Medical Center, Associate Professor of Pediatrics, Adjunct Associate Professor of Health Services\)](#) presented research and evidence of effective countermeasures to prevent falls. Military housing and officials in Hawaii participated due to the prevalence of falls within that population. This stimulated ideas and discussion on developing a model for the military community for replication elsewhere.

As an outcome of the Forum, the workgroup agreed to develop a regional action plan based on Dr. Johnston's research and recommendations. Planned activities include unified messaging, a regional website/resource, and specific interventions with partners including military housing.

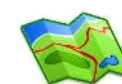
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UPCOMING EVENTS

Toward a Learning Healthcare Delivery System: Leveraging implementation research & delivery system science to improve performance

Location: [Group Health Research Institute](#), Conference Room 1509A 

Date/Time: Monday, August 18th, 2-3PM

Description: This presentation describes the goals and attributes of a “learning healthcare delivery system” and contrasts these with prevailing integrated delivery systems’ characteristics and performance. It then describes tools and resources from the fields of implementation science, delivery system science and improvement science – and summarizes models for research-operations partnership initiatives to facilitate application of these tools to delivery system reform and improvement. It targets researchers, operations leaders and other stakeholders interested in leveraging research insights and approaches to achieve the vision of a learning healthcare delivery system. Coffee and tea will be provided.

Presenter: Brian S. Mittman, PhD, is Senior Scientist at the VA Center for Implementation Practice and Research Support (U.S. Department of Veterans Affairs Greater Los Angeles Healthcare System) and a Senior Scientist at the Kaiser Permanente Southern California Department of Research and Evaluation. He has additional affiliations at RAND and at UCLA, where he co-leads the UCLA CTSI Implementation and Improvement Science Initiative. Dr. Mittman convened the planning committee that launched the journal Implementation Science and served as co-editor in chief from 2005-2012. He was a member of the IoM Forum on the Science of Quality Improvement and Implementation and chaired the NIH Special Emphasis Panel on Dissemination and Implementation Research in Health in 2007 and 2010. He directed VA’s Quality Enhancement Research Initiative (QUERI) from 2002-2004 and currently serves on the Methodology Committee for the Patient-Centered Outcomes Research Institute (PCORI), the AAMC Advisory Panel on Research, the AcademyHealth Methods Council, the AHRQ Health Care Innovations Exchange Editorial Board and on advisory boards for several additional research programs in implementation science.

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All WIP Seminars will be held in the HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 

FUNDING OPPORTUNITIES

The AAA Foundation for Traffic Safety has issued 9 Requests for "Pre-Proposals" for projects to address several identified research needs in the areas of teen driver safety, cognitive distraction, child passenger safety, vehicle safety defects, impaired-driving legal loopholes, senior safety & mobility, and emerging technologies.

Please visit the Foundation's Request for Proposals page for links and full details for each project: <https://www.aaafoundation.org/request-proposals>
Questions may be addressed to Jurek Grabowski, Director of Research, at proposals@aaafoundation.org.

The deadline for responding to any of the RFPs is **5PM ET, Friday, September 5th, 2014**. Early submissions are highly encouraged.



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| | | | | | |



NEW HIPRC T-32 FELLOW, MOLLY FUENTES



HIPRC is happy to announce the arrival of our newest Pediatric Rehabilitation Medicine Fellow and Oregon native, Molly Fuentes, MD. After graduating from the University of Michigan Medical School in 2008, Molly came back to the Pacific Northwest and completed her residency at the University of Washington, Department of Rehabilitation Medicine, where she was Chief Resident. She then completed a 2-year clinical Pediatric Rehabilitation Medicine (PRM) Fellowship at Seattle Children's Hospital.

Why rehabilitation medicine?

Molly had the unusual experience of entering medical school intending to specialize in Physical Medicine and Rehabilitation. In 1996, her 3-year-old sister suffered a C-1 spinal cord injury; Molly spent time with her sister and family on an inpatient rehabilitation unit and then got to accompany her sister to her various medical appointments. During this time, Molly met a wide variety of healthcare practitioners and decided that she wanted to pursue Rehab Medicine, recognizing the impact her sister's rehab doctor had not only on her sister's life but that of her whole family. Molly was also drawn to Rehab Medicine because of the interdisciplinary focus on improving function and quality of life, which necessitates consideration of the whole person, her family, social and physical environment, and the person's individual goals in order to be effective.

Why focus on American Indian/Alaska Native (AI/AN) populations?

For Molly, the choice to focus on rehab with AI/AN populations goes back to her roots. She grew up on her tribe's reservation in Warm Springs, OR and witnessed what is known in the literature, that AI/AN people have high rates of traumatic injuries. She and her family also experienced difficulties accessing care. In addition to her sister, she saw other children with functional impairments on the reservation who did not have access to the care they needed, and realized how the community and cultural perspectives influenced the social construct of disability. Later, during her clinical training Molly noted anecdotally that many of her AI/AN patients and their families struggled during their time on inpatient rehabilitation. She knew then that she wanted to help reduce the difficulties AI/AN populations face when dealing with functional impairments.

Fellowship goals at HIPRC?

While working at Seattle Children's, Molly conducted a retrospective study on the differences in functional improvement after inpatient rehab between AI/AN children and non-Hispanic White children. What she found was that AI/AN children had lower mobility scores and lower total functioning after discharge, even though functional scores on admission were similar. While the focus of HIPRC's research is on injury *prevention*, Molly was impressed with the experience and knowledge of the injury investigators at HIPRC, and wanted to work here and explore what happens *after* injury for AI/AN trauma survivors. She hopes that she will be able to continue to investigate pediatric AI/AN traumatic injury survivors from post-acute care discharge through inpatient rehabilitation and beyond, adding to the knowledge base that she began at Seattle Children's. Specifically, she hopes to use existing data to determine if AI/AN children are admitted to inpatient rehabilitation at the same rates and once on Rehab units if they have equal functional outcomes to the general population. With the principles of the International Classification of Function, Disability and Health in mind, Molly would like to investigate factors that influence functional outcome during inpatient rehabilitation for AI/AN children and their experience discharging back to their communities.

And outside of work?

Molly enjoys spending time with her husband (Paul), 9 month-old son (Nelson) and 6 year-old daughter (Ruby). Molly and her husband like to camp and hike (for as long as their children will allow), and in the summer, they keep the tradition that Molly grew up with of picking huckleberries. She makes huckleberry ice cream, compote, pancakes, waffles, muffins, and scones, and is looking for new ways to cook with the berries.

HIPRC WEEKLY WORK IN PROGRESS (WIP)

Presenter: Brianna Mills, MA, Epidemiology doctoral student, University of Washington
Title: Facility-level characteristics and pediatric mortality following severe TBI in the National Trauma Databank
Date/Time: Wednesday, August 20th, 1-2PM
Description: This presentation will describe how we used data from the National Trauma Databank, which contains data from more than 800 trauma centers across the US, to evaluate associations between characteristics of the facility where pediatric patients were treated for a severe TBI and risk of 30-day in-hospital mortality. We found that the region of the country where a patient is treated is significantly associated with risk of mortality, while characteristics like facility size and teaching status are not.

There will be no WIP on September 3rd due to the Faculty Meeting that occurs the first Wednesday of every month.

All WIP Seminars will be held in the HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 

IN THIS ISSUE

- Interview with New Pediatric Rehabilitation Fellow, Molly Fuentes
- Weekly Work In Progress (WIP)
- Upcoming Events
- Funding Opportunities
- Calendar

SUBMISSIONS FOR NEWS BULLETIN

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Click on the link next to this image throughout the bulletin for Google maps directions to events.


NOTE: Our website is currently being updated. If you experience any difficulties while exploring our site, please contact Malaika at malaika@uw.edu.



UPCOMING EVENTS

Faculty Meeting

Date/Time: Wednesday, September 3rd, 2PM

Location: HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 

Friday Journal Seminars Starting Soon

Journal Club 9:30-10:30AM

Section Meeting 10:30-11:30AM

While the complete schedule is still being finalized, you should add these first few seminars to your calendar!

Presenter: Dr. Charles Mock, MD, PhD, MPH, FACS (Professor of Surgery, Epidemiology, and Global Health)

Section: Global Health

Date: Friday, September 5th

Presenter: Dr. Beth Ebel, MD, MSc, MPH (Associate Professor of Pediatrics, Adjunct Associate Professor of Epidemiology and Health Services)


Section: Safe & Active Transport

Date: Friday, September 12th

Panel Discussion on the Role of Education in Public Health

Title: Health Matters: Education's Role in Public Health

Date/Time: Wednesday, September 10th, 7:30 – 8:45PM

Location: [City of Seattle Town Hall](#), 1119 8th Ave, Seneca entrance 

Tickets: \$5.00

Description: Early Childhood and K-12 education play an important role in a child's future health, impacting well-being into adulthood. This crucial time helps foster relationships, create support networks, confirm habits, and instill knowledge that could significantly affect wellness. As school starts up this fall, this moderated panel will analyze the intersection of education and public health as a critical childhood issue

Panelists include the moderator, [Dr. Tao Kwan-Gett](#), Director of the Northwest Center for Public Health Practice at University of Washington School of Public Health; [Maxine Hayes](#), former longtime State Health Officer; [Gita Krishnaswamy](#), high school teacher and Kent curriculum coordinator; and State Representative [Ruth Kagi](#).

Observances

[Drive Sober or Get Pulled Over](#): August 15 - September 1

[Campus Fire Safety Month](#): September

[National Childhood Injury Prevention Week](#): September 1 - 7

[Child Passenger Safety Week](#): September 14 - 20

[National Seat Check Saturday](#): September 20

[National Highway Traffic Safety Administration \(NHTSA\) 2014 Communications Calendar](#)

FUNDING OPPORTUNITIES

Program Title: NICHD Consortium for Research on Pediatric Trauma and Injury Prevention (R24)

Participating Organization: [Eunice Kennedy Shriver National Institute of Child Health and Human Development \(NICHD\)](#)


Earliest Submission Date: 12/25/2014

For more information, see the full announcement [here](#).



HIPRC CALENDAR

August 2014

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SAT/SUN |
|---|---------|--|----------|--|---------|
| 28 July | 29 | 30 | 31 | 1 August | 2/3 |
| | | | | | |
| 4 | 5 | 6 | 7 | 8 | 9/10 |
| | | Methods Core Meeting 12-1PM, HIPRC Library | | | |
| 11 | 12 | 13 | 14 | 15 | 16/17 |
| Meet for Tea 3-4PM, Kitchen  | | WIP: Arthi Narayanan Development of a systems engineering-based model to evaluate pediatric trauma team design 1-2PM, Conference Room | | Summer Student Research Presentations 9-10AM, Conference Room | |
| 18 | 19 | 20 | 21 | 22 | 23/24 |
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| 25 | 26 | 27 | 28 | 29 | 30/31 |
| | | | | | |



SUMMER STUDENTS HELP BRAINSTORM IDEAS FOR HIPRC PROMOTION & OUTREACH

HIPRC is gaining attention in the public health community, and we are working on promoting the Center and the work we do. Since we plan to attend professional, community, and student events, our outreach materials have to appeal to multiple audiences. In order to accomplish this goal, the HIPRC Summer Students assisted [Sarah Brolliar](#) (MPH Candidate for Health Services - Social & Behavioral Science, HIPRC Research Assistant) and [Malaika Schwartz, MPH](#) (HIPRC Research Consultant) by brainstorming ideas about what kinds of information we want to present, how we want to present it, how to draw people in, educational activities, games, and prizes. Here are some of the ideas they came up with:

Student Booth – Rajiv Ayyagari, Manya Segireddy, Laura Blonar

For the student booth, the summer students decided that, ideally, we would have 2 former summer students and 2 faculty there, so that potential summer students would be able to ask, not just about the research and outreach we do, but also what the experience is like working as a summer student at HIPRC. They also decided we should emphasize that our research deals with current issues (such as marijuana use and driving), that we have a reputation for doing the kind of work that has helped change public policy, and that there are student opportunities. They knew that having some kind of interactive activity would draw students in, so they came up with driving a peddle car through an obstacle course or trying to walk in a straight line with beer or marijuana goggles on. Their slogan for HIPRC was, "HIPRC: Keeping you safe since 1985".

Community Booth – Arthi Narayanan, Matt Li, Sarah Brolliar

For the community booth, the summer students decided that we should have a good mix of interactive, informative activities, pamphlets, and prize wheels. They thought the community booth should be organized by different stations, such as:

- **Bicycle/Motorcycle Safety:** Fit demonstration of bicycle helmets, crushed/cracked bicycle helmets
- **Car Safety:** Fit demonstrations of car/booster seats, poster with updated laws, videos of crash dummies undergoing tests
- **TBI/Concussion:** Examples of TBI, return to play guidelines, RICE for sprains and strains, Seahawks/Sounders endorsements
- **Gun Safety:** Poster with WA gun laws, statistics, safe storing
- **Distracted Driving:** "How long does it take to read a message?" activity, AT&T documentary
- **Fun facts about HIPRC:** Number of publications, faculty profiles, opportunities to be involved

In addition, we want to have people be able to sign up for volunteer or community involvement events that HIPRC will attend in the future.

PUBLICATIONS

New Publication by HIPRC Members

Title: Concussion Among Female Middle-School Soccer Players

Authors: [Cynthia LaBella, MD](#); [John W. O'Kane, MD](#); [Amy Spieker, MPH](#); [Marni R. Levy, BS](#); [Moni Neradilek, MS](#); [Nayak L. Polissar, PhD](#); [Melissa A. Schiff, MD, MPH](#)

Abstract: Importance: Despite recent increased awareness about sports concussions, little research has evaluated concussions among middle-school athletes.

Objectives: To evaluate the frequency and duration of concussions in female youth soccer players and to determine if concussions result in stopping play and seeking medical care.

Design, Setting, and Participants: Prospective cohort study from March 2008 through May 2012 among 4 soccer clubs from the Puget Sound region of Washington State, involving 351 elite female soccer players, aged 11 to 14 years, from 33 randomly selected youth soccer teams. Of the players contacted, 83.1% participated and 92.4% completed the study.

Main Outcomes and Measures: Concussion cumulative incidence, incidence rate, and description of the number, type, and duration of symptoms. We inquired weekly about concussion symptoms and, if present, the symptom type and duration, the event resulting in symptom onset, and whether the player sought medical attention or played while symptomatic.

Results: Among the 351 soccer players, there were 59 concussions with 43 742 athletic exposure hours. Cumulative concussion incidence was 13.0% per season, and the incidence rate was 1.2 per 1000 athletic exposure hours (95% CI, 0.9-1.6). Symptoms lasted a median of 4.0 days (mean, 9.4 days). Heading the ball accounted for 30.5% of concussions. Players with the following symptoms had a longer recover time than players without these symptoms: light sensitivity (16.0 vs 3.0 days, $P = .001$), emotional lability (15.0 vs 3.5 days, $P = .002$), noise sensitivity (12.0 vs 3.0 days, $P = .004$), memory loss (9.0 vs 4.0 days, $P = .04$), nausea (9.0 vs 3.0 days, $P = .02$), and concentration problems (7.0 vs 2.0 days, $P = .02$). Most players (58.6%) continued to play with symptoms, with almost half (44.1%) seeking medical attention.

Conclusions and Relevance: Concussion rates in young female soccer players are greater than those reported in older age groups, and most of those concussed report playing with symptoms. Heading the ball is a frequent precipitating event. Awareness of recommendations to not play and seek medical attention is lacking for this age group.

Citation: LaBella C, O'Kane JW, Spieker A, et al. Concussion and Female Middle School Athletes. *JAMA*. 2014;312(7):739-740. doi:10.1001/jama.2014.6668. Online at: <http://jama.jamanetwork.com/data/Journals/JAMA/930672/jfn140018.pdf>

IN THIS ISSUE

- Summer Students
- Publications
- General Announcements
- Upcoming Events
- Weekly Work In Progress (WIP)
- Funding Opportunities
- Calendar

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GENERAL ANNOUNCEMENTS


Washington State Drowning Prevention Network:

- **Video: Drowning is Silent (Fox Twin Cities)**
Check out Fox Twin Cities video "Drowning is silent": <http://www.myfoxtwincities.com/story/25583480/investigators-drowning-is-silent>
- **Video: Oregon and Washington Drowning Prevention**
KATU in Oregon looks at drowning prevention in Oregon and Washington state: <http://www.katu.com/news/local/KATU-uncovers-differences-in-water-safety-plans-in-Oregon-and-Washington-266643611.html>
- **Why Black Kids are More Likely to Drown (KUOW)**
Seattle Parks and Recreation lifeguard Alvin Barnes and Dr. Linda Quan talk about swimming disparities. Read the interview here: <http://kuow.org/post/why-are-black-kids-more-likely-drown>. Click on this link to hear the interview: [A disparity in drowning](#)
- **Video: Water Skiing Safety Video (Clark County Sheriff's Office)**
Check out this safety video from the Clark County Sheriff's Office: <https://www.facebook.com/ClarkCountySheriffsOffice#!/photo.php?v=605948389521247>
- **Water Safety Can Save Lives: Army of Advocates Working Together to Prevent Drowning (Chicago Tribune)**
http://articles.chicagotribune.com/2014-06-18/health/sc-health-0618-water-safety-20140618_1_water-safety-unsafe-water-usa-swimming-foundation
- **Beach 'superstars' – and the not-so stellar (CNN)**
According to the Natural Resources Defense Council's 24th annual "Testing the Waters" report, 10 percent of water samples collected from U.S. beaches failed to meet the government benchmark for swimmer safety. The U.S. Environmental Protection Agency estimates up to 3.5 million people become ill from poor water treatment each year, largely because of contact with "raw sewage from sanitary overflows."
[Yuck! 1 in 10 U.S. beaches unsafe for swimming](#) – USA Today
[1 in 10 U.S. beaches polluted, researchers say; WA ranked 19th](#) – KING5
- **Gear Up Campaign**
Check out this website to learn more about the Boat Guy Gear Up Campaign: <http://www.theboatguy.com/gear-up>

UPCOMING EVENTS


Methods Core Meeting

Date/Time: Wednesday, September 3rd, 12PM

Location: HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 

Faculty Meeting

Date/Time: Wednesday, September 3rd, 2PM

Location: HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 

Friday Journal Seminar

Presenter: Dr. Charles Mock, MD, PhD, MPH, FACS (Professor of Surgery, Epidemiology, and Global Health)

Section: Global Health

Date: Friday, September 5th

Journal Club 9:30-10:30AM

Section Meeting 10:30-11:30AM

Location: HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 

Free Academy Health Webinars

Title: Analytical Methods for Learning Health Systems

Date/Time: Tuesday, September 9th, 1:00-2:30PM EDT

Moderator: Michael A. Stoto, PhD (Georgetown University School of Nursing and Health Studies)

Presenters: Neil S. Fleming, PhD (Baylor Scott and White Health Center for Clinical Effectiveness), Brian S. Mittman, PhD (VA Center for Implementation Practice and Research Support), Elisa Priest, DrPH (Baylor Scott and White Health Center for Clinical Effectiveness), and Lucy Savitz, PhD, MBA (Intermountain Healthcare)

Description: Learning healthcare systems use routinely collected electronic health data (EHD) – known as "observational data" – to advance knowledge and support continuous learning within comparative effectiveness research and patient-centered outcomes research. Despite the increasing sophistication of analytics and data, analysts are still unable to confidently infer causal relationships from observational data. However, effective framing of research questions, careful study design, and appropriate analytical methods can improve these inferences and the utility of EHD.

This webinar will discuss approaches to using observational data to improve performance in learning healthcare systems, including how to frame research questions effectively and how to apply study design and analytical methods to ensure rigorous results.

Register here: <http://www.academyhealth.org/Training/ResourceDetail.cfm?ItemNumber=13965>



Title: Big Data and Big Crowds: Getting Useful Data from Text Fields Using Large Data Sets
Date/Time: Wednesday, October 15th, 1:00-2:30PM EDT
Presenters: Bryan Comstock, MS (University of Washington) and Jeffrey (Jerry) Jarvik, MD, MPH (University of Washington)
Description: Abstracting information from imaging reports is traditionally done by trained researchers who review the report text and record the presence or absence of key words or findings. The standard abstraction method is laborious, time-consuming, and expensive, and the alternative method, natural language processing (NLP), requires special expertise to implement and tailor the algorithm. A third, more recent, option is crowd-sourcing through Amazon mTurk, a marketplace where people can sign-up to work on human intelligence tasks (HITS).

This webinar will review three approaches for abstracting data from imaging reports based on the experiences of the Back pain Outcomes using Longitudinal Data (BOLD) Project. The webinar will also discuss strategies for working with and evaluating the effectiveness of abstraction conducted by trained researchers and individuals in the Amazon mTurk marketplace.

The BOLD Project established a cohort of 5,239 senior patients with back pain recruited from primary care settings in health systems that are part of the HMO Research Network. The BOLD-Extension of Research (BOLDER) Project provided for 18 month extension of the project. Several projects that are part of BOLDER require collecting not only quantitative variables, such as counts of particular CPT codes, but also information buried in text fields such as radiology reports. BOLDER will yield approximately 6,400 text-based spine imaging reports.

Register here: <http://www.academyhealth.org/Training/ResourceDetail.cfm?ItemNumber=13971>

HIPRC WEEKLY WORK IN PROGRESS (WIP)

No WIP this week

All WIP Seminars will be held in the HIPRC Conference Room (#4075), [HMC Patricia Steel Building](#) 🗺️

FUNDING OPPORTUNITIES

<http://www.washington.edu/research/funding/opportunities/>



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