

The University of Hawaii, College of Education, State of Hawaii,  
Department of Health Hawaii Concussion Awareness & Management Program and  
The Queen's Center for Sports Medicine  
present

# CONCUSSION SUMMIT2020

Saturday, July 11, 2020

Dr. Richard T. Mamiya Theatre  
on the Campus of St. Louis School, Honolulu, Hawaii

## FEATURED SPEAKERS

Paul M. Brewer, OD  
Christopher Giza, MD  
Gerard A. Gioia, PhD  
Jen Prins, MD

Kyoko Shirahata, ABD, ATC  
Erik E. Swartz, PhD, ATC, FNATA  
Jennifer Wilhelm, PT, DPT, NCS

For more information, or for  
online registration and payment:

[hawaiiconcussion.com/concussionsummit](http://hawaiiconcussion.com/concussionsummit)

The organizers would like acknowledge the  
generous financial support of this conference from:  
State of Hawaii, Department of Health, Neurotrauma Supports  
Hawaii Pacific Health Bone and Joint Center



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CREATING A HEALTHIER HAWAII

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STRAUB  
WILCOX



College of Education  
UNIVERSITY OF HAWAII AT MANOA

This activity has been approved for *AMA PRA Category 1 Credit*™.  
PT CCU pending approval.

# About the Conference

Hawaii Concussion Awareness & Management Program (HCAMP) has reported that an average of 1,000 concussions were sustained annually by Hawaii's high school athletes since 2010. HCAMP has also reported an average high school athlete takes more than three weeks to recover from a concussion. The featured faculty will provide research-based evidence and discuss the pathophysiology of a concussion and techniques to assess and manage a concussion from initial injury to recovery, including return to learn, social interaction and mental health issues. Topics will include best practices for schools and youth organizations to implement to help keep students and members safe.

Attendees will be provided with the most up-to-date assessment and management techniques and be inspired to start using these techniques immediately.

This conference has broad appeal to physicians, nurses, athletic trainers, physical therapists, speech language pathologists and other healthcare professionals.

## Educational Objectives

- Describe and discuss the pathophysiological changes of concussions on the brain.
- Construct and formulate management plans and outcomes through recognition of altered brain physiology and metabolism.
- Apply novel sideline and clinical assessments to project treatment outcomes to address cervical, vestibular, and autonomic deficits in a concussed individual.
- Describe a conceptual model of optometric vision care and the role of vision therapy for concussed individuals.
- Describe and develop a plan of action to address the cognitive, social, and physical demands of school for concussed students.
- Recognize the importance and timing of mental health support for concussed individuals.
- Summarize current research in Hawaii investigating prevention of concussions in football.
- Summarize current research in Hawaii investigating concussion education and reporting norms of high school students.



### Conference Committee

#### HCAMP

University of Hawaii at Manoa

#### Troy Furutani, MS, ATC

Program Manager

#### Nathan Murata, PhD

Dean, College of Education  
University of Hawaii at Manoa

#### The Queen's Medical Center

#### Kristin Fernandez, MD

Medical Director  
After Hours Clinic

#### Ross Oshiro, MS, ATC

Program Coordinator

# Program



**Saturday, July 11, 2020**

<b>7:30 - 7:45 am</b>	<i>Registration</i>
<b>7:50 - 8:00 am</b>	<i>Welcome and Introduction</i>
<b>8:00 - 8:30 am</b>	<b>Concussion Reporting Norms amongst High School Athletes in Hawaii</b> <i>Kyoko Shirahata, ABD, ATC</i>
<b>8:30 - 9:30 am</b>	<b>The HuTT808 Study for Reducing Head Impact Exposure in Hawaiian High School Football: Year One Update</b> <i>Erik Swartz, PhD, ATC, FNATA</i>
<b>9:30 - 10:30 am</b>	<b>KEYNOTE SPEAKER: Neurometabolic Cascade</b> <i>Christopher Giza, MD</i>
<b>10:30 - 10:45 am</b>	<i>Break &amp; Exhibits</i>
<b>10:45 am - 12:15 pm</b>	<b>Concussion Assessment and Intervention: Bridging the Evidence onto the Field and into the Clinic</b> <i>(Includes a Lab)</i> <i>Jennifer Wilhelm, PT, DPT, NCS</i>
<b>12:15 - 1:15 pm</b>	<i>Lunch (Included with registration)</i>
<b>1:15 - 2:45 pm</b>	<b>Achieving Perfect Vision Post-Concussion</b> <i>(Includes a Lab)</i> <i>Paul Brewer, OD</i>
<b>3:00 - 3:15 pm</b>	<i>Break &amp; Exhibits</i>
<b>3:00 - 4:00 pm</b>	<b>Return to School: Encompassing Return to Learn, Social Interaction, &amp; Physical Demands of the School Experience</b> <i>Gerard Gioia, PhD</i>
<b>4:00 - 5:00 pm</b>	<b>Supporting Mental Health Following a Concussion</b> <i>Jennifer Prins, MD</i>
<b>5:00 pm</b>	<b>Closing Remarks</b>

**Special Needs** - The sponsors fully intend to comply with the legal requirements of the Americans with Disabilities Act. If you are in need of accommodation, please include this information with your registration.

**Refund** - To receive a refund for the registration fee, cancellation must be made in writing. Refunds will be processed less 20%

service fee if made by July 6, 2020. No refunds will be made after that date.

**Cancellation** - This activity is subject to cancellation. In the unlikely event that it should be cancelled, refund of registration fees will be made in full; however, the sponsor(s) are not responsible for any travel costs you incur.

## Featured Guest Faculty

### **Paul M. Brewer, OD**

*Brewer Eye Care  
Diverge Sports  
Neuro Optometrists  
Meridian, ID*

Dr. Brewer was raised on the North shore of Oahu having attended Kahuku High School and Brigham Young University-Hawaii. He graduated from Southern California College of Optometry in Fullerton, California. He currently has a private practice in Nampa and Meridian Idaho. He provides sports vision training to local high school teams.

### **Gerard A. Gioia, PhD**

*Children's National Health System  
Chief, Division of Pediatric Neuropsychology  
Washington, DC*

Dr. Gioia has been an active participant in the 2004, 2008, and 2012 International Concussion in Sport Group Consensus meetings, and was on the American Academy of Neurology Sports Concussion Guideline Author panel. He consults with the local and National Governing Organizations of ice hockey, lacrosse, football, rugby and soccer related to concussion management and is on the Medical Advisory Committee for USA Football and the National Advisory Board of the Positive Coaching Alliance.

### **Christopher C. Giza, MD**

*UCLA Brain Injury Research Center  
Pediatric Neurologist,  
Medical Director for Traumatic Brain Injury  
Director, Steve Tisch BrainSPORT Program  
Los Angeles, CA*

Dr. Giza graduated from Dartmouth College, received his M.D. from West Virginia University and completed Adult and Pediatric Neurology training at UCLA. He directs the UCLA Steve Tisch BrainSPORT program & the Operation Mend mild TBI program. Dr. Giza co-authored concussion/mild TBI guidelines for the AAN, CDC (for youth) and the Concussion in Sport Group (Berlin Guidelines). He has been a clinical consultant for the NFL, NHL/NHLPA, NBA, MLB, Major League Soccer, the NCAA and US Soccer. He is a Professor of Pediatric Neurology & Neurosurgery at the UCLA Mattel Children's Hospital.

### **Jennifer C. Prins, MD**

*Beacon Medical Group  
Sports Psychiatrist  
South Bend, ID*

Dr. Prins was born and raised in Honolulu, Hawai'i, much of Dr. Prins' childhood was spent at the University of Hawai'i swimming pool, where her father was the Head Swimming Coach and professor in the KRS Department.

She is a board certified in General Psychiatry and focuses her practice in the subspecialty of sports psychiatry. She attended the University of Norte Dame, University of Pittsburgh Graduate School of Public Health and completed psychiatry residency training at Western Psychiatric Institute & Clinic at UPMC. She currently is back in South Bend, Indiana at Beacon Medical Group.

### **Kyoko Shirahata, ABD, ATC**

*University of Hawai'i  
Kinesiology & Rehabilitation Science Department  
Research Assistant  
Honolulu, HI*

Ms. Shirahata is working toward obtaining a Ph.D. in Education with a focus on Kinesiology at the University of Hawai'i at Manoa. She has worked with the HCAMP since 2016 and served as a Research Assistant the past two years in helping to develop concussion education curriculum and to research the effect of ADHD on concussion recovery and assessment using dual-task. Shirahata is a certified athletic trainer and worked at the collegiate level for over 10 years, including Portland State University, Hawai'i Pacific University, and Sendai University in Japan. Shirahata, is originally from Sendai, Japan.

### **Erik E. Swartz, PhD, ATC, FNATA**

*University of Massachusetts, Lowell  
Chairperson and Professor, Department of Physical  
Therapy and Kinesiology  
Lowell, MA*

Dr. Swartz's research interest focuses on the prevention and acute care of head and neck injuries in football. He has received grants from The NATA Foundation, NOCSAE, NFL Charities and was a winner of the NineSigma Head Health Challenge. He has published in journals such as The American Journal of Emergency Medicine, New England Journal of Medicine, Spine, and The American Journal of Sports Medicine. He served on the NFL Head Neck and Spine Committee's Subcommittee on Safety Equipment and Rules and as chair of the NATA Position Statement on the Acute Management of the Cervical Spine Injured Athlete.

### **Jennifer L. Wilhelm, PT, DPT, NCS**

*Oregon Health & Science University  
Research Physical Therapist & Neuro Lead Therapist  
Portland, OR*

Ms. Wilhelm specializes in neurological diagnoses including Parkinson's disease, traumatic brain injury (including concussions) and geriatric clients. She has advanced training with Parkinson's disease and works closely with the Parkinson's Center of Oregon to optimize her patients care. She also works closely with the sports medicine program, has helped develop OHSU's interdisciplinary concussion program and currently leads the rehabilitation portion of the program. Jennifer seeks to enhance clinical outcomes by assisting with several clinical research studies.

## REGISTRATION & PAYMENT >

Three payment options: Go to: [hawaii concussion.com/concussionsummit](http://hawaii concussion.com/concussionsummit)

- 1. Register and Pay Online** Please note that Eventbrite will charge a user fee and tax on top of the registration fee.
- 2. Register and pay by Check**
  - Select "Pay by Check"
  - Complete the online form and print form(s), one per participant.
  - Make check payable to "Research Corporation of the University of Hawaii"
  - Send completed form and check to: University of Hawaii, College of Education, Kinesiology & Rehabilitation Science Department  
1337 Lower Campus Road PE/A complex 231, Honolulu, HI 96822
- 3. Register and pay by Purchase Order**
  - Select "Pay by Check or PO"
  - Complete the online form and print form(s), one per participant.
  - Email all forms to Ross Oshiro at [rooshiro@queens.org](mailto:rooshiro@queens.org)

FEES	Early Registration Before 7/1/20	After 7/1/20
Athletic Trainers	\$ 70	\$100
Physicians	\$170	\$200
Other Health Care Providers	\$120	\$150
Students	\$ 70	\$100

**LIVE STREAM OF CONCUSSION SUMMIT >** Active Google or YouTube account required.

Please note for Live Streaming: **We will not be streaming the 2 lab sections which has a total 1.5 contact hours.** Please claim only the hours you actually viewed. We will send you a link after registering.

Live Stream Registration Fees	Early Registration Before 7/1/20	After 7/1/20
Athletic Trainers	\$100	\$130
Physicians	\$200	\$230
Other Health Care Providers	\$150	\$180
Students	\$100	\$130

**Course Materials Online** Conference materials will be available via web access.

More information will be sent to you upon confirmation of your registration.

**For More Information:** Ross Oshiro, Ph: (808) 691-8059 Email: [rooshiro@queens.org](mailto:rooshiro@queens.org)

## CONTINUING EDUCATION CREDITS

■ **Physicians** This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of The Queen's Medical Center and the Hawai'i Concussion Awareness Management Program. The Queen's Medical Center is accredited to provide continuing medical education for physicians.

The Queen's Medical Center designates this live activity for a maximum of **7.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

■ **Nurses** **AMA PRA Category 1 Credits™** issued by organizations approved by ACCME will be recognized by the American Nurses Credentialing Center (1 CME credit = 1 contact hour) and most other nursing certifying bodies. Check with your certifying body. It will also be recognized by the State of Hawaii Board of Nursing for license renewal.

■ **Athletic Trainers** HCAMP (BOC Approved Provider #P10061) Hawaii Concussion Awareness and Management Program (BOC AP# P10061) is approved by the Board of Certification, Inc. to provide continuing education to Athletic Trainers. This program is eligible for a maximum of **7.5 EBP Category hours/CEUs PENDING APPROVAL**. ATs should claim only those hours actually spent in the educational program.

■ **Physical Therapists** Continuing Competence units (CCUs) pending approval from Hawaii Board of Physical Therapy.

■ **Other Health Professionals** A certificate of attendance will be provided to other healthcare professionals for requesting credits in accordance with state boards, specialty societies, or other professional associations.

■ **Level of Difficulty:** Essential and Advanced

