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## Weil Institute Celebrates the Future of Resuscitation Science Through Legendary Wolf Creek Conference

For three days, Ann Arbor was the global epicenter for cardiac arrest research as over 100 of the field's foremost thought leaders and innovators converged for the seventeenth Wolf Creek Conference.

Hosted by the Weil Institute, this year’s iteration of the longstanding tradition in resuscitation science brought together dozens of new faces and ideas united under the same goal that has driven Wolf Creek since the very beginning—fostering a robust exchange of ideas and debate to transform the future of cardiac arrest care.

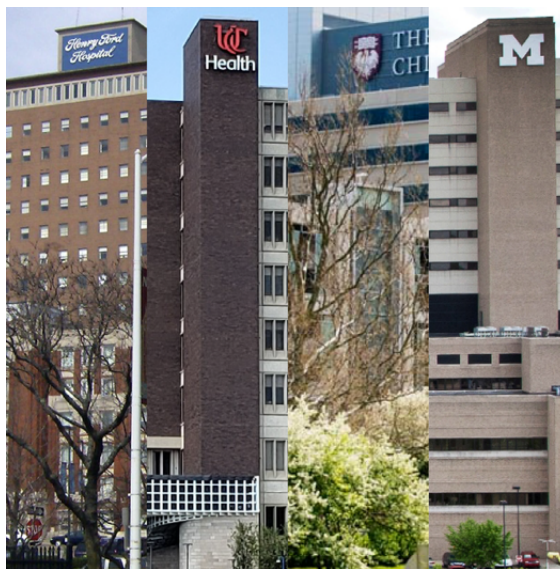
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[Weil Institute to train next generation of acute and critical care engineers through new NIH-funded program](#)

Investigators from the Weil Institute and Michigan Medicine examined how the unique strengths of AI and human physicians can complement each other to enhance diagnosis of acute respiratory distress syndrome (ARDS).

[READ FULL STORY](#)



[Weil Institute members establish \\$6M regional consortium to study trio of critical illness syndromes](#)

The University of Michigan, Henry Ford Hospital, the University of Cincinnati and the University of Chicago are teaming up to study and combat acute respiratory distress syndrome (ARDS), sepsis and pneumonia.

[READ FULL STORY](#)

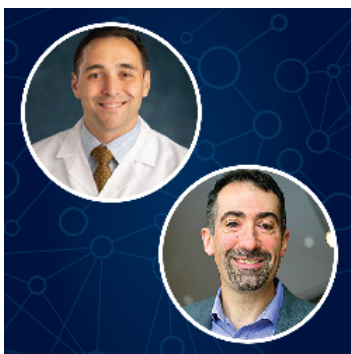
The 2023 **Massey TBI Grand Challenge** awarded over \$500k in research funding!

[Meet the winning teams](#)



**Santino Jones, Weil Institute Proposal Development Specialist, receives U-M Staff Career Development Award**

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**Department of Defense awards Weil Institute investigators \$750,000 to rewrite the rules for traumatic brain injury**

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**Weil Institute member lands major victory at Frankel Cardiovascular Center's 2023 Innovation Challenge**

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# EVENTS & FUNDING OPPORTUNITIES

## Upcoming Funding Opportunities



*Interested in pursuing these or other funding opportunities?*

**Let the Weil Proposal Development team support you!**

[Click this banner to learn more](#)

**Advanced Research Projects Agency for Health (ARPA-H)**  
**(Deadline: Through March 14, 2024)**

**ARPA-H has released its first Open BAA** seeking revolutionary high-risk, high-reward

proposals for research with big, audacious goals to improve health outcomes across patient populations, communities, diseases, and health conditions. This agency is expected to be similar to DARPA, and [U-M OVPR has created a resource page and coaching program](#) for those interested.

## **US Army Medical Research and Development Command** **(Deadline: Through 2027)**

[The DoD USAMRDC has released its new BAA](#), with a rolling deadline through 2027. Budgets are not limited, and grants can be for up to 4 years. Pre-applications are required, and full applications can only be submitted if invited. Combat casualty care areas of interest are related to **hemorrhage, TBI, acute secondary organ damage, care during transport, and burn injuries**.



## **Promotions & Accolades**

Congratulations to the following Weil Institute members, who are among the 187 Medical School faculty promotions approved by the U-M Office of Regents earlier this summer. The promotions will officially take effect in September.

### **Clinical Professor**

Neeraj Chaudhary, MBBS, Neurology, Neurosurgery and Radiology

**Heidi Flori, M.D., Pediatrics (Weil Institute Associate Director)**

Steven Kronick, M.D., Emergency Medicine

### **Clinical Associate Professor**

Rachel Gottlieb-Smith, M.D., Pediatrics

Adrienne N. Haggins, M.D., Emergency Medicine

**Michael D. Maile, M.D., Anesthesiology (Weil Institute Associate Director)**

Katharine Seagly, Ph.D., Physical Medicine and Rehabilitation

Nik Theyyanni, M.D., Emergency Medicine

### **Professor, with Tenure**

**Frederick K. Korley, M.D., Emergency Medicine (Scientific Director, Massey Traumatic Brain Injury Grand Challenge)**

**Associate Professor, with Tenure**

Cindy Hsu, M.D., Ph.D., Emergency Medicine

Ben Singer, M.D., Ph.D., Internal Medicine

Thomas S. Valley, M.D., Internal Medicine

**J. Scott VanEpps, M.D., Ph.D., Emergency Medicine (Weil Institute Associate Director)**

See Full List of Promotions

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## New Publications

Weil members, please remember to note your affiliations with the Weil Institute so we can help amplify your research!

**[AI-Based Decision Support System for Traumatic Brain Injury: A Survey](#)**

DOI: 10.3390/diagnostics13091640

**[Association between bystander physical limitations, delays in chest compression during telecommunicator-assisted cardiopulmonary resuscitation, and outcome after out-of-hospital cardiac arrest](#)**

DOI: 10.1016/j.resuscitation.2023.109816

**[Clofazimine-Mediated, Age-Related Changes in Skeletal Muscle Mitochondrial Metabolites](#)**

DOI: 10.3390/metabo13050671

**[Factors Impacting Treatment of Out-of-Hospital Cardiac Arrest: A Qualitative Study of Emergency Responders](#)**

DOI: 10.1161/JAHA.122.027756

**[Haemodynamic impact of aortic balloon occlusion combined with percutaneous left ventricular assist device during cardiopulmonary resuscitation in a swine model of cardiac arrest](#)**

DOI: 10.1016/j.resuscitation.2023.109885

**[In Patients With Sepsis, Initial Lactate Clearance Is Confounded Highly by Comorbidities and Poorly Predicts Subsequent Lactate Trajectory](#)**

DOI: 10.1016/j.chest.2023.04.023

**[Precision-based approaches to delirium in critical illness: A narrative review](#)**

DOI: 10.1002/phar.2807

**[Reply to: Anti-anaerobic antibiotics: indication is key](#)**

DOI: 10.1183/13993003.00492-2023

**[Subphenotypes Assigned to Pediatric Acute Respiratory Failure Patients Show Differing Outcomes](#)**

DOI: 10.1164/rccm.202301-0070LE

**[Therapeutic Effect of Argatroban During Cardiopulmonary Resuscitation and Streptokinase During Extracorporeal Cardiopulmonary Resuscitation in a Porcine Model of Prolonged Cardiac Arrest](#)**

DOI: 10.1097/CCE.0000000000000902

**[The Two-Bag Method for Management of Adult Diabetic Ketoacidosis-Experience With 634 Patients](#)**

DOI: 10.1177/08850666231175387

**[Ultrathin Silica Integration for Enhancing Reliability of Microfluidic Photoionization Detectors](#)**

DOI: 10.1080/10903127.2023.2183533

See all member publications from 2023

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## About the Weil Institute

The Weil Institute for Critical Care Research & Innovation is named after the late Dr. Max Harry Weil—a physician and professor widely regarded as a key founder of the field of critical care.

As the Weil Institute, we are one of the world's

first comprehensive research enterprises devoted to transforming critical care medicine by accelerating science and moving it from bench to bedside. We do so by bringing together integrative teams of world-class U-M scientists, clinicians, and engineers with industry partners and funding sources to develop and deploy cutting-edge solutions that elevate the care, outcomes, and quality of life of critically ill and injured patients and their families.



*"When you save one life..."*

*...it is as if you saved the entire world."*

### Connect With Us!

The Max Harry  
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FOR CRITICAL CARE RESEARCH & INNOVATION

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