

2020-2021

## Occupational and Environmental Medicine Residency Capstone and Research Project Presentations

---

Harvard T.H. Chan School of Public Health

**Friday, June 25, 2021**

**Via ZOOM™**

see link below

**Afternoon Session: Research Project Presentations**

**ZOOM #2 opens at 1:15 pm**

**Program begins at 1:30 pm**

**COVID-19 hotspot prediction:  
Performance of selected metrics**

**Glen Cheng, MD, JD, MPH**

Note: All presenters are residents in the Occupational and Environmental Medicine Residency Program at the Harvard T.H. Chan School of Public Health. This affiliation will not be repeated for each presenter.

**Learning Objectives:** Participants will be able to 1) describe the criteria used by the CDC to define a COVID-19 hotspot; 2) discuss the main epidemiological metrics currently in use to describe pandemic severity; and to 3) explain the relative performance of epidemiological metrics in predicting COVID-19 hotspots.

**Healthy lifestyle interventions  
across diverse workplaces**

**Gabe Gaviola, MD, MPH**

**Learning Objectives:** Participants will be able to 1) name 1-2 trends in workplace lifestyle interventions; and to 2) discuss directions for future research.

15 minute break

## **CAC score as a predictor of CVD risk in asymptomatic adults**

**Richard R. Abitria, MD, MPH**

**Learning Objectives:** Participants will be able to 1) discuss the current knowledge gaps in using coronary artery calcium score to assess cardiovascular risk in asymptomatic, working-age adults; and to 2) describe the process used to conduct a systematic literature review.

## **Sharps injuries in medical trainees and an update on the utility of serology**

**Stephen D. Kasteler, MD, MPH**

**Learning Objectives:** Participants will be able to 1) describe observed patterns of needlestick injuries in medical trainees; and to 2) discuss the utility of serology in evaluating healthcare workers with COVID-19.

## **2021 AWARDS CEREMONY**

**Dr. Stefanos N. Kales and Dr. Stephen D. Kasteler  
Congratulations Graduates!**

Sponsored by the Harvard-NIOSH Education and Research Center (T42 OH008416), the Environmental and Occupational Medicine and Epidemiology Program, the Harvard-NIEHS Center for Environmental Health (P30 ES000002), the Department of Environmental Health, and funded in part by the National Institute for Occupational Safety and Health.

The Harvard T.H. Chan School of Public Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Harvard T.H. Chan School of Public Health takes

responsibility for the content, quality, and scientific integrity of this CME activity and designates this educational activity for a maximum of 2.0 AMA PRA category I credit™. (1 credit per hour attended.) Physicians should only claim credit commensurate with the extent of their participation in the activity.

Ann Backus is inviting you to a scheduled Zoom meeting.

Topic: OEMR Research Presentations  
Time: Jun 25, 2021 01:30 PM Eastern Time (US and Canada)  
**ZOOM WILL OPEN AT 1:15 PM**

Join Zoom meeting

<https://harvard.zoom.us/j/92556591425?pwd=SWpEai9YK2phcXhkVExobHY1Zy92dz09>

Password: research

Join by telephone (use any number to dial in)

+1 312 626 6799  
+1 929 436 2866  
+1 301 715 8592  
+1 346 248 7799  
+1 669 900 6833  
+1 253 215 8782

International numbers available: <https://harvard.zoom.us/u/acas1TCPrF>

One tap mobile: +13126266799,,92556591425# US (Chicago)

Join by SIP conference room system

Meeting ID: 925 5659 1425

[92556591425@zoomcrc.com](mailto:92556591425@zoomcrc.com)



*Please complete this evaluation using your mobile phone by scanning the QR Code, or by using your computer and copying the link into your browser.*

*Evaluations are expected from all attendees.*

*Thank you*

[https://harvard.az1.qualtrics.com/jfe/form/SV\\_bJilRYz3gTeyZf0](https://harvard.az1.qualtrics.com/jfe/form/SV_bJilRYz3gTeyZf0)