Public Health Impact of Heat and Extreme Weather Events

Presented by:

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Dr. Crawford is director of the Training and Educational Center for Healthcare Simulation (TECHS) at Texas Tech University Health Sciences Center El Paso. He is also an associate professor in the Department of Emergency Medicine at the Paul L. Foster School of Medicine at TTUHSC El Paso. In addition to his faculty position, he serves as the educational technology consultant for the Southwest Center for Pediatric Environmental Health, and is a board member for SimGHOSTS, a nonprofit group dedicated to providing technology education and innovation to simulation centers worldwide. He has presented in the U.S. and internationally on topics related to audio/video design, information technology and simulation operations. He has served as a reviewer and author for standards of best practice and conference presentation topics related to simulation and technology education. He is also editor of the textbook Comprehensive Healthcare Simulation: Operations, Technology, and Innovative Practice.

Objectives: Upon completion of this session, the participant should be able to:

- Describe the scope and trends in global temperature and regional microclimates.
- Identify the physiologic health effects of extreme heat among different at-risk populations.
- Outline support systems and public health programs regionally and nationally to assist with support in extreme heat events.
- Discuss the treatment considerations and evaluations of pregnant and pediatric patients with core temperature elevation.

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Disclosure: Scott Crawford, M.D., FACEP, CHSOS, has no relevant financial relationships to disclose.

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