



**Gary S. Krause, MD, MS, FACEP**

Edward S. Thomas Professor  
Associate Chair for Research  
Wayne State University  
Department of Emergency Medicine  
51 Lande Bldg  
550 East Canfield Ave  
Detroit, MI 48201  
(313) 577-3187  
<mailto:gkrause@med.wayne.edu>

**Education**

Master of Science, Electrical Engineering, Michigan State University, 1976

MD, Wayne State University School of Medicine, 1981

**Residency**

Detroit Receiving Hospital, Wayne State University, 1981-1984

ABEM diplomate, 1986, 1995, 2005

**Departmental Role**

Associate Chair for Research

Director of Basic Science Research

**Honors**

- Wayne State University Board of Governors Distinguished Faculty Fellowship
- Fellow, American College of Emergency Physicians
- Outstanding Contributions in Research, American College of Emergency Physicians
- James A. Shannon Director's Award, National Institute of Neurological Disorders and Stroke, NIH

**Service**

- Journal Reviewer: Annals of Emergency Medicine, Resuscitation, Journal of Neurochemistry, Neuroscience Letters, Journal of Neurological Sciences, Journal of Clinical Investigation, Journal of Cerebral Blood Flow and Metabolism

**Areas of Interests**

Research Interests

- Brain resuscitation
  - suppression of protein synthesis in reperfused brain
  - insulin-mediated suppression of cytochrome c release from mitochondria after transient brain ischemia
  - dysfunction of the unfolded protein response during global brain ischemia and reperfusion