



Phillip M. Harter, M.D.

Associate Professor (Teaching) of Emergency Medicine

CLINICAL OFFICES

- **Stanford Dept of Emergency Medicine**

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Bio

BIO

Phillip M. Harter, MD, is an Associate Professor (Teaching) of Emergency Medicine at the Stanford University School of Medicine. He completed his medical education and residency in Chicago, where he began his career in Emergency Medical Services (EMS) and disaster management. In 1989 he came to Stanford to teach emergency medicine and procedures to medical students, participate in the development of a new residency program in emergency medicine and to work as the medical director for EMS for Santa Clara County. In this capacity he was involved in statewide EMS initiatives and disaster planning, and served as president of the EMS Medical Directors Association of California. During this time, Dr. Harter remained active in the School of Medicine, directing and teaching one of the most popular elective courses, Essential Procedures in Emergency Medicine. This course gained national recognition at several medical education meetings and was used as a model for teaching medical procedures at medical schools across the country. Following completion of his role in EMS, he became more active in residency education. At first he worked as an associate program director, responsible for developing and executing segments of the curriculum. Later he was named the program director; a role he held for 14 years. During his time as program director he expanded the program from 24 to 60 residents, oversaw the development of a new curriculum in emergency medicine, implemented teaching and evaluation based on the ACGME general competencies and developed evaluative tools based on the ACGME milestones for emergency medicine. He co-founded the emergency medicine simulation program and the simulation fellowship, as well as the academic emergency medicine fellowship, which he directs. He has been involved in numerous educational innovations, including defining and creating and curriculum in Emergency Medicine Crisis Resource Management (EMCRM) for residents, Introduction to the Management of the Ill Patient (IMIP) for second year medical students, a web-based virtual reality emergency medicine training program pilot for distance training, Emergency Medicine Maintenance of Certification (EMMOC; a simulation based program for ABEM maintenance of certification), and a simulation-based disaster medicine training program. Dr. Harter serves as Chair of the Faculty Senate of the School of Medicine, and on the Academic Council of the University.

CLINICAL FOCUS

- Emergency Medicine
- Disaster Medicine

ACADEMIC APPOINTMENTS

- Associate Professor (Teaching), Emergency Medicine

ADMINISTRATIVE APPOINTMENTS

- Chair, Faculty Senate, Stanford University School of Medicine, (2018-2020)
- President, EMS Medical Directors of California, (1994-1994)
- Director, Stanford/Kaiser Emergency Medicine Residency Program, (2001-2015)

HONORS AND AWARDS

- The Henry J. Kaiser Family Foundation Award for Excellence in Preclinical Teaching, Stanford University School of Medicine (2001)
- Henry J. Kaiser Award for Excellence in Teaching, Stanford University School of Medicine (1994)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Reviewer, Western Journal of Emergency Medicine (2015 - present)
- Reviewer, Academic Emergency Medicine (2010 - present)
- Member, Council of Emergency Medicine Residency Directors (1995 - present)
- Member, Society for Academic Emergency Medicine (1995 - present)
- President, EMS Medical Directors Association of California (1994 - 1994)
- Executive Committee, EMS Medical Directors Association of California (1992 - 1995)
- Member, EMS Medical Directors of California (1990 - 1996)
- Member, National Association of EMS Physicians (1990 - 1995)
- Member, American College of Emergency Physicians (1982 - present)

PROFESSIONAL EDUCATION

- Medical Education: Rosalind Franklin University The Chicago Medical School (1982) IL
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (1987)
- Residency: Christ Hospital and Medical Center (1985) IL
- Internship: Christ Hospital and Medical Center (1983) IL
- A.B., Univ. of California, Berkeley , Biochemistry (1976)

COMMUNITY AND INTERNATIONAL WORK

- Parami Hospital Emergency Medicine Residency, Yangon, Myanmar
- SEMPER, Nepal
- EMT Training Program, Kathmandu, Nepal
- Bay Area Sports Organizing Committee
- Pacific Swimming Board of Directors

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Medical Education, particularly the role of simulation (part-task trainers, human patient simulators and virtual reality) in the education of medical students and residents. Also, the use of the internet for distance learning in health care professions.

Teaching

COURSES

2020-21

- The Impact of Climate Change on Human Health: EMED 134, EMED 234 (Win)

Publications

PUBLICATIONS

- **An Overview of the Allopathic Match.** *The Journal of emergency medicine*
Schmitt, A., Dyne, P. L., Broder, J., Cheaito, M. A., Harter, P. M., Mattu, A., Epter, M., Kazzi, A.
2019; 56 (4): e61–e64
- **Disaster Medicine: A Multi-Modality Curriculum Designed and Implemented for Emergency Medicine Residents.** *Disaster medicine and public health preparedness*
Ngo, J., Schertzer, K., Harter, P., Smith-Coggins, R.
2016; 10 (4): 611-614
- **Training healthcare personnel for mass-casualty incidents in a virtual emergency department: VED II.** *Prehospital and disaster medicine*
Heinrichs, W. L., Youngblood, P., Harter, P., Kusumoto, L., Dev, P.
2010; 25 (5): 424-432
- **Design, Development, and Evaluation of an Online Virtual Emergency Department for Training Trauma Teams** *SIMULATION IN HEALTHCARE*
Youngblood, P., Harter, P. M., Srivastava, S., Moffett, S., Heinrichs, W. L., Dev, P.
2008; 3 (3): 146-153
- **Simulation for team training and assessment: Case studies of online training with virtual worlds** *WORLD JOURNAL OF SURGERY*
Heinrichs, W. L., Youngblood, P., Harter, P. M., Dev, P.
2008; 32 (2): 161-170
- **Assessment of resident professionalism using high-fidelity simulation of ethical dilemmas** *Annual Educational Conference of the Accreditation-Council-for-Graduate-Medical-Education*
Gisondi, M. A., Smith-Coggins, R., Harter, P. M., Soltysik, R. C., Yarnold, P. R.
WILEY-BLACKWELL PUBLISHING, INC.2004: 931–37
- **Emergency medicine crisis resource management (EMCRM): Pilot study of a simulation-based crisis management course for emergency medicine** *ACADEMIC EMERGENCY MEDICINE*
Reznek, M., Smith-Coggins, R., Howard, S., Kiran, K., Harter, P., Sowb, Y., Gaba, D., Krummel, T.
2003; 10 (4): 386-389
- **Teaching procedural skills to medical students: one institution's experience with an emergency procedures course.** *Annals of emergency medicine*
van der Vlugt, T. M., Harter, P. M.
2002; 40 (1): 41-49
- **Teaching procedural skills to medical students: One institution's experience with an emergency procedures course** *Annual Meeting of the Society-for-Academic-Emergency-Medicine*
van der Vlugt, T. M., Harter, P. M.
MOSBY-ELSEVIER.2002: 43–51
- **Virtual reality and simulation: Training the future emergency physician** *ACADEMIC EMERGENCY MEDICINE*
Reznek, M., Harter, P., Krummel, T.
2002; 9 (1): 78-87
- **Famotidine in the treatment of acute urticaria** *American-College-of-Emergency-Physicians Research Forum*
Watson, N. T., Weiss, E. L., Harter, P. M.
BLACKWELL PUBLISHING.2000: 186–89

- **DETECTION OF URETERAL CALCULI IN PATIENTS WITH SUSPECTED RENAL COLIC - VALUE OF REFORMATTED NONCONTRAST HELICAL CT** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Sommer, F. G., Jeffrey, R. B., Rubin, G. D., Napel, S., RIMMER, S. A., Benford, J., Harter, P. M.
1995; 165 (3): 509-513
- **DEVELOPMENT OF VENTRICULAR-FIBRILLATION AFTER INTRAVENOUS CALCIUM-CHLORIDE ADMINISTRATION IN A PATIENT WITH SUPRAVENTRICULAR TACHYCARDIA** *ANNALS OF EMERGENCY MEDICINE*
Chin, R. L., Garmel, G. M., Harter, P. M.
1995; 25 (3): 416-419