

## University of Minnesota CV: Cullen B. Hegarty, M.D.

### PERSONAL DATA

Cullen B. Hegarty, M.D.

### ADDRESSES

Work:

Department of Emergency Medicine  
Regions Hospital  
640 Jackson Street

### EDUCATION

Macy Fellow at The Institute for Medical Simulation, Program  
In Medical Simulation, August 16-21, 2004.  
Center for Medical Simulation, Cambridge, MA

Regions Hospital, St. Paul, MN  
Emergency Medicine Residency Program (PGYI-III)(June'98 –  
June 30, '01)

University of Minnesota Medical School, Minneapolis, MN  
Doctor of Medicine (Sept. '94 – June '98)

University of Notre Dame, Notre Dame, IN  
BS – Biology, *Cum Laude* (Aug. '90 – May '94)

### POSTDOCTORAL TRAINING

None

### ACADEMIC APPOINTMENTS

Assistant Professor, Department of Emergency Medicine, University of Minnesota Medical School

### ACADEMIC ADMINISTRATIVE APPOINTMENTS

Director of Medical Student Education, Department of Emergency Medicine, University of Minnesota  
Medical School, 2002-current

Director of Medical Student Education, Regions Hospital Department of Emergency Medicine, 2002-  
current

Director of Medical Simulation, Regions Hospital Department of Emergency Medicine, 2003-current

Assistant Residency Director, Regions Hospital Emergency Medicine Residency, 2004-current

Co-director of Emergency Medicine and Trauma Simulation, SimPORTAL, University of Minnesota, 2007-  
current

### CLINICAL/HOSPITAL APPOINTMENTS

Regions Hospital ED, Staff Physician, 1999-current  
Hudson Hospital ED, Staff Physician, 2001-current

### CONSULTING POSITIONS

None

**SCIENTIFIC ACTIVITIES**

Editorial Board of the 'Simulation in Healthcare' Journal for the Society for Simulation in Healthcare, 2005-current

**GRANT SUPPORT** (refer to Section VI: [Research and Scholarship](#)):

None

**CERTIFICATION AND LICENSURE**

Minnesota Medical License #41633

Wisconsin Medical License #43032-020

Minnesota and Wisconsin DEA numbers

Certification in ACLS, ATLS, PALS/NALS, BLS

Credentialed in Trauma Ultrasonography.

ABEM certification 2002

FACEP granted 2005

**MILITARY SERVICE**

None

**HONORS AND AWARDS**

2007 HealthPartners Excellence in Education Award

Apple Award 2004: Annual Award to Regions Emergency Medicine Faculty for Outstanding Education of Medical Students.

Chief Resident, Regions Hospital Emergency Medicine Residency, 2000-01.

Star Award 2001: Annual Award to Regions Emergency Medicine Resident for Medical Student Teaching.

SAEM 'Outstanding Student in Emergency Medicine', University of Minnesota, 1998.

**MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

ACEP, AAEM, SAEM, Society for Simulation in Healthcare

**TEACHING AND MENTORING ACTIVITIES** (Section VII: [Teaching](#))**Simulation Teaching Activities:**

-Resident and Emergency Medicine Department Staff Crisis Resource Management Training, 2004-current. Total number taught = 50

-Medical Student Resuscitation Workshop, 2004-current.  
Total number taught = 150

-Emergency Medicine Resident 'Wednesday Morning Core Sim Cases', 2007-current.  
Total number taught = 50

-Critical Care Review for Physician Assistants, 2005. Course  
Director. Total number taught = 9

-Critical Care Review for Physician Assistants, 2006. Co-course  
Director. Total number taught = 10

-Toxicology Cases for EM Residents, 2004-current. Total number taught = 50

-Pediatric Cases for EM Residents, 2004-current. Total number taught = 50

-Procedural Training Using AirSim for EM Residents, 2004-current. Total number taught = 27

-Procedural Training Using Fiberoptic Bronchoscope Simulator for EM Residents, 2004-current. Total number taught = 25

-Regions Hospital Core Emergency Medicine Residency Conference—Quarterly Simulation Conferences 2005-current at the HealthPartners Simulation Center—starting in 2007 conference model has been modified to a monthly simulation/small group format.

-Co-coordinator of the 2006 Combined Mayo/Regions Emergency Medicine Residencies Simulation Conference on Communication with Teams, Patients, and Families, held at Cannon Falls, MN.

#### Other Teaching Activities:

Anatomy Lab Coordinator for the Department of Emergency Medicine, Regions Hospital. 2001-2003.

University of Minnesota School of Pharmacy, Physical Exam Lectures, 2001-2003.

“Soft Tissue Injuries and Burns”, 1999. Discussion and presentation to members of Minnesota Red Cross Organization.

Regions Hospital Emergency Medicine Workshops. Lectures and Demonstrations to rotating residents and medical students. 2001-current

‘Guide to the Emergency Medicine Residency Application Process’ Coordinator and participant, 2004-current. Annual meeting held at the University of Minnesota Medical School for EM interested students from the University of Minnesota, Mayo Medical School, University of North Dakota, University of South Dakota, University of Iowa, and University of Wisconsin Medical Schools. Approximately 60 students per year attend in person or via telecommunication technology.

Regions Hospital Emergency Medicine Residency Lectures in: Crisis Resource Management, Sports Medicine, Infectious Disease, and ‘Critical Case Conference’, 2001-current

Transition Day station coordinator for University of Minnesota MSII Medical Students:

-2004-2005 ‘Triage’ station

-2006 ‘Simulation’ station

Resident Advisor for the Regions Hospital Emergency Medicine Residency, 2001-current.

Medical Student Advisor for the University of Minnesota Medical School, 2001-current.

Instructor for ACLS, PALS, and BTLs, with Regions EMS, and ATLS with Regions Hospital

#### **EXTRAMURAL INVITED PRESENTATIONS**

“Adolescent Trauma Simulation Workshop”, HealthPartners Trauma and Emergency Medicine Update, November 8, 2007

“Trauma Communication and Teamwork”, Regions Hospital Trauma Conference, July 18, 2007

“Statewide Simulation Conference--Transforming Healthcare Education: Utilizing Simulation in Teaching” August 11, 2005, held at the HealthPartners Simulation Center.

“Simulation and Trauma Education”, November 2004, at the HealthPartners Trauma Review course.

"Drugs of Abuse", 2003, HealthPartners Regional Trauma Nursing Conference, Keynote Speaker.

### **OTHER PRESENTATIONS**

2005 SAEM CPC Competition Faculty Discussant, 2005 SAEM National Meeting, May 2005 in New York City.

### **COMMITTEE AND ADMINISTRATIVE SERVICE**

#### National

None

#### University

None

#### Medical School

Co-chair of the University of Minnesota Medical School's Curriculum Committee, 2008 start

Invited Member of the University of Minnesota SimPORTAL Board of Directors, 2007-current

Invited Member of the University of Minnesota SimPORTAL "Champions" users committee, 2007-current

Member of the University of Minnesota Medical School's Clerkship Directors Committee, 2004-current

Appointed Member of the University of Minnesota Academic Health Sciences Simulations Task Force, 2004-2006

#### Department

Regions Department of Emergency Medicine EMDEC (Emergency Medicine Department Executive Counsel) 2007-current

Patient and Employee Satisfaction Committee, member, Regions Hospital Department of Emergency Medicine, 2004

Resident Education Committee, Regions Hospital Department of Emergency Medicine, 2001-current

Resident Promotions Committee, Regions Hospital Emergency Medicine Residency Program, 2002-2004

#### HealthPartners Simulation Center

Chair of the Simulation Center User Group Task Force, 2004-current

#### Community Service

Emergency Medicine and Sports Medicine Lectures to Burnsville High School Science Club, 1998-present.

Hudson High School 'Prom Crash' Scene participant, 2003, 2006.

### **PATENTS**

None.

### **ANNOTATED BIBLIOGRAPHY**

"Patient Restraints: A Quick Solution to a Common Problem", Cullen B. Hegarty, Raymond J. Poor, Ernest Ruiz, M.D., Mary Ann McNeil, EMT-P. Poster Presentation at 1997 ACEP Research Forum, San Francisco, CA.

"The Effect of an Emergency Medicine Lecture Series on Second Year Medical Students", Cullen B. Hegarty, M.D., David Hale, M.D., Ph.D., and Felix Ankel, M.D. Poster Presentation at 2000 ACEP Research Forum, Philadelphia, PA.

"Live Action Simulation for Large Groups: A Novel Format for Residency Conference", Jessie Nelson, M.D., Cullen Hegarty M.D., and Teri Gunnarson, M.D. Presented at the 2006 SAEM Annual Meeting 'Innovations in Emergency Medicine Education'. Abstract published: *Academic Emergency Medicine*, May 2006, Vol. 15, No. 5, Suppl. 1, pg S207.

"The Effect of Simulation on a Resuscitation Workshop for Senior Medical Students Versus a Lecture Format", Matthew Morgan, M.D., and Cullen B. Hegarty, M.D. Poster Presentation at the 2006 ACEP Research Forum, New Orleans, LA.

Hegarty CB, Nelson J, "SAEM" Stab To Neck. MedEdPORTAL; 2007. Available from: <http://services.aamc.org/jsp/mededportal/retrieveSubmissionDetailById.do?subId=528>

### **Current Projects**

"The Effect of a Pediatric Bronchoscope Simulator on Emergency Medicine Residents", Scott Donner, M.D., and Cullen B. Hegarty, M.D. Study completed, write up pending.

"Emergency Medicine Medical Student Daily Shift Card Feedback Study", Robert Lefevre, M.D. and Cullen B. Hegarty, M.D. Write up pending.

"ILMA and Eschman study", Paul Travnicek, M.D., Joey Charles, M.D., Cullen Hegarty, M.D. and Jessie Nelson, M.D. Study in progress.

Revised 11/14/07 CBH