

CIRRICULUM VITAE
1.21.2009

PERSONAL DATA

NAME: Jessie Gillund Nelson

ADDRESS

Professional Address: Regions Hospital
Department of Emergency Medicine
Mail Stop 11102-F
640 Jackson Street
St. Paul, MN 55101

EDUCATION

UNDERGRADUATE: University of Minnesota 1997
Minneapolis, MN
B.S. Genetics and Cell Biology
Summa Cum Laude

POSTGRADUATE: University of Minnesota 1997-2001
School of Medicine
Minneapolis, MN
Doctor of Medicine

POSTDOCTORAL TRAINING

RESIDENCY: Regions Hospital/ 2001-2004
HealthPartners Institute for
Medical Education
Emergency Medicine Residency
St. Paul, MN

FELLOWSHIP: Regions Hospital/ 2004-2005
HealthPartners Institute for
Medical Education with coursework
In Adult Education through the
College of Work, Family and
Community Education at the University
Of Minnesota
Medical Education and Simulation Fellowship
St. Paul, MN

ACADEMIC APPOINTMENTS

Assistant Professor of Emergency Medicine 2005-Present
University of Minnesota

Physician Faculty 2005-Present
HealthPartners Simulation Center for Patient
Safety at Metropolitan State University

CLINICAL/HOSPITAL APPOINTMENTS

Senior Staff Physician 2005-Present
Emergency Medicine Department
Regions Hospital
HealthPartners Medical Group
St. Paul, MN

Courtesy Staff 2005-Present
Emergency Department
St. Croix Regional Medical Center
St. Croix Falls, WI

Staff Physician 2008-Present
Hudson Hospital
Hudson, WI

Volunteer Physician January 2008
United States Figure Skating Championship
St. Paul, MN

SCIENTIFIC ACTIVITIES

Reviewer 2007-Present
American Academy of Medical College
MedEdPORTAL Simulation Case Library

Reviewer 2006-Present
Journal: Simulation in Healthcare

CERTIFICATION AND LICENSURE

Certification

Advanced Cardiac Life Support	6/2009
Advanced Trauma Life Support	10/2009
Pediatric Advanced Life Support	4/2009
USMLE, Step 1	1999
USMLE, Step 2	2000
USMLE, Step 3	2002
American Board of Emergency Medicine, Diplomat	2005
DEA Registration	10/31/2009
DEA Registration, Wisconsin	10/31/2009

Licensure

Minnesota Medical License	7/31/2008
Wisconsin Medical License	10/31/2009

Other Certification

Fundamental Critical Care Support Course Society of Critical Care Medicine	July 11, 2008
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HONORS AND AWARDS

Alpha Omega Alpha Medical Honor Society, initiated	2000
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MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

Society for Critical Care Medicine	2006-Present
Society for Simulation in Healthcare	2005-Present
Society for Academic Emergency Medicine	2001-Present
American Academy of Emergency Medicine	2001-Present
Minnesota Women Physicians	1998-2001

TEACHING AND MENTORING ACTIVITIES

Guest Lecturer Wound Care and Repair Metropolitan State University School of Nursing	2006-Present
Instructor Regions Emergency Medical Services	2004-Present
Instructor Inver Hills Community College Paramedic Program	2002-2004

EXTRAMURAL INVITED PRESENTATIONS

Human Patient Simulator Network 2008
"Using High Fidelity Simulation to Train and Troubleshoot Rapid Response Teams" Co-Presented with Gail Johnson. February 21, 2008

The Metropolitan State Experience- large group presentation for conference
"Transforming Healthcare Education: Utilizing Simulation in Teaching".
August 10, 2005

"Using Simulation for New Nurses in New Clinical Situations"- small group breakout
for "Transforming Healthcare Education: Using Simulation in Teaching. August 11, 2005

Stimulation with Simulation – for the Western Wisconsin Emergency Nursing
Association Spring Symposium. March 23, 2006.

Rapid Response Team Breakout session for “Transforming Healthcare Education: Improving Outcomes Through Multidisciplinary Simulation”. Sponsored by Mayo Continuing Nursing Education and Minnesota State Colleges and Universities Simulation Planning Group. July 28, 2006, Rochester, MN

Rapid Response Training with Simulation. Presented at “Lessons from the Minnesota Rapid Response Learning Network”, a 2006 MAPS (Minnesota Alliance for Patient Safety) Patient Safety Conference Post- Conference Session. November 17, 2006

Teamwork on the Front Line: Teaching Teamwork to Improve Patient Safety. Presented At Park Nicollet Leader Learning Day. Nelson J and Lavelle B. March 9, 2007.

OTHER PRESENTATIONS

Feasibility of Simulation for Teaching and Evaluating Performance of Infrequent Critical Procedures. Poster presentation, 9th Annual International Meeting for Simulation in Healthcare, Orlando, FL, January 13, 2009.

Live Action Simulation for Large Groups: A Novel Approach to Residency Conference. Nelson JG, Hegarty CB and Gunnarson TM. Presented as an Innovation in Emergency Medicine Education exhibit at the 2006 Annual Scientific Assembly of the Society of Academic Emergency Medicine, May 2006.

Simulation Technology in the Classroom. STARLINK Video and Audioconference; Denning S, Loen M, Patow C, Nelson J, LaVelle B. October 5, 2006.

They Don't All Code: Using Simulation to Train Rapid Response Teams. Workshop Presented at the 2007 International Meeting for Simulation in Healthcare, Nelson J and LaVelle B. Orlando, FL, January 16, 2007

Applying Educational Theory to Simulation: A Rookie's Guide to Teaching with Simulation. Workshop presented at the 2007 International Meeting for Simulation In Healthcare. Nelson J, and LaVelle B. Orlando, FL, January 15, 2007.

Practice Outside the comfort Zone: High-Fidelity Simulation Training Makes Rapid Response Teams More skilled and comfortable in Roles. Nursing Specialty Award winner. Presented at the Society for Critical Care Medicine's 36th Critical Care Congress. LaVelle B and Nelson J. February 2007

Combined conference: Communication – presented at “Education Soundbites” in The Council of Residency Directors Annual Meeting. Nelson J, Colletti J, Goyal D March 2007.

COMMITTEE AND ADMINISTRATIVE SERVICE

National

Society for Academic Emergency Medicine

2006-2007

Simulator Task Force

American College of Emergency Physicians – Task Force for the Development of an Educational Toolbox for Alcohol Screening and Intervention in the Emergency Department	2005
Society for Academic Emergency Medicine Technology in Medical Education Committee	2007-Present
<i>Department</i>	
Residency Education Committee Regions Hospital Emergency Medicine Residency	2005-Present

ANNOTATED BIBLIOGRAPHY

Peer-Reviewed Publications

Hegarty CB, **Nelson J**, Shortness of Breath/PEA. MedEd PORTAL; 2008
Available from:
<http://services.aamc.org/jsp/mededportal/retrieveSubmissionDetailById.do?subId=1071>

Hegarty C, **Nelson J**. Stab to Neck. MedEd PORTAL; 2007.
Available from:
<http://services.aamc.org/jsp/mededportal/retrieveSubmissionDetailById.do?subId=528>
Tested case, administered case, manuscript editing, manuscript review

Articles Submitted for Publication

Nelson J, LaVelle B and Denning S. Using Simulation to Educate and Increase Confidence in rapid Response Team Members and Troubleshoot Rapid Response Systems. Submitted to *AHRQ Profiles in Patient Safety*. September 2007. Designed workshop project described, taught all workshops, manuscript preparation, editing and review.

Abstracts, Preliminary Communications, Clinical Papers

Poster: “Using Simulation to Educate Rapid Response Team Members and Troubleshoot Rapid Response Systems”. Presented at National Patient Safety Foundation Annual Meeting, Washington DC, May 2007. Poster design and editing, lead educator, and designer of workshop described.

Panel Discussion: “Increasing Rural Emergency Department Nurses’ Confidence in Resuscitation Skills”. Albrecht L, LaVelle B and **Nelson J** Supervised workshop design, editing abstract and presentation. Served as faculty advisor for resident project.

Jessie G. Nelson, MD

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