

**CIRRICULUM VITAE**  
**12.17.2007**

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**PERSONAL DATA**

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NAME: Jessie Guiland Nelson

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**ADDRESS**

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

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**EDUCATION**

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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

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**POSTDOCTORAL TRAINING**

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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

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**ACADEMIC APPOINTMENTS**

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Assistant Professor of Emergency Medicine 2005-Present  
University of Minnesota

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

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### **CLINICAL/HOSPITAL APPOINTMENTS**

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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

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### **SCIENTIFIC ACTIVITIES**

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

Reviewer 2006-Present  
Journal: Simulation in Healthcare

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### **CERTIFICATION AND LICENSURE**

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#### 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 #46265	7/31/2008
Wisconsin Medical License #46877	10/31/2009

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### **HONORS AND AWARDS**

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Alpha Omega Alpha Medical Honor Society, initiated 2000

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**MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

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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

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**TEACHING AND MENTORING ACTIVITIES**

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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

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**EXTRAMURAL INVITED PRESENTATIONS**

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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.

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## **OTHER PRESENTATIONS**

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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 36<sup>th</sup> 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.

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## **COMMITTEE AND ADMINISTRATIVE SERVICE**

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### National

Society for Academic Emergency Medicine  
Simulator Task Force 2006-2007

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

### Department

Residency Education Committee 2005-Present  
Regions Hospital Emergency Medicine Residency

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## ANNOTATED BIBLIOGRAPHY

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### Peer-Reviewed Publications

1. 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

1. **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

1. 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.
2. 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.