Curriculum Vitae

Name:	Jason M. Slagle
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Training

1995	B.S. in B.S. from Texas Tech University, TX United States
1998	M.S. in Psychology from Alliant International University, CA United States
2004	Ph.D. in Psychology from Alliant International University, CA United States

Academic Appointments

01/2005 - 06/2008	Assistant Professor, Vanderbilt University (Nashville, Tennessee)
07/2008 - Present	Research Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Other Work Experience

1998 - 2004	Staff Research Associate, University of California San Diego and VA San Diego Healthcare System
2004 - 2004	Project Scientist, University of California San Diego and VA San Diego Healthcare System
2005 - Present	Research Health Service Specialist (WOC) GRECC, VA Tennessee Valley Healthcare System
2005 - Present	Research Assistant Professor, Vanderbilt University Medical Center

Professional Activities

Intramural

05/7 - 08/2011	VSM Teamwork Day Design Committee, Medical Education :ADMINISTRATION, Curriculum Committee member AND Debriefer
01/9 - 09/10	Strategic Planning for Education Committee, Anesthesiology, Committee Member
05/11 - Present	Medicine Resident Workhour Study Group, Medicine, Committee Member, Assist in research AND in intervention design, implementation, & evaluation

Extramural

10/9 - Present	Reviewer for Society for Industrial & Organizational Psychology Annual Conference
03/10 - Present	Reviewer for Journal of Biomedical Informatics
06/10 - Present	National Priority Partnership, National Quality Forum, Forum Member/Attendee
11/2010 - Present	Annual Planning Committee for the annual Health Care Symposium, Human Factors and Ergonomics Society, Member
11/2010 - Present	Human Factors and Ergonomics in Health Care Annual Symposium
12/2011 - Present	Reviewer for Journal of Patient Safety
05/2012 - Present	Reviewer for Simulation in Healthcare

Teaching Activities

01/7 - Present	Observational Trainer, Design & develop handover evaluation tool and reference materials.

	Established assessment & scoring system. Trained all PACU Observers (4 RNs, 1 RA)
05/11 - Present	Human Factors Methods in Healthcare Workshop Instructor, Karolinska Institutet, Stockholm, Sweden
01/12 - 06/12	Introduction to Human Factors Engineering (BME 290/395B): Training, Selection, Social Factors, Skills Acquisition, etc., Guest Lecturer, Gave a couple of different lectures for that course. Each lecture lasted the entire duration of the class. I was the only lecturer for these sessions.

Research Supervision / Mentorship

06/12 - Present	Che Reed, M.S.N., R.N. Vanderbilt School of Nursing, Current Position: PhD Student. (Graduate Student, Research)

Other Significant Activities

12/9	Singapore Ministry of Health: Grant Reviewer
02/11	Canada's Foundation for Innovation: Grant Reviewer

Grants and Funding

HS18168-01 Kevin Johnson, MD (PI) 10/9 - 08/12
AHRQ
MY MEDIHEALTH: A PARADIGM FOR CHILDREN (DBMI)
Role: Co-Investigator

HS020415-01 Weinger (PI) 04/11 - 03/14
AHRQ
Creating simulation-based performance assessment tools for practicing physicians
Role: Co-Investigator

SB134111CN0011 Wiklund/Weinger (PI) 05/11 - 05/12
National Institute of Standards & Technology
Developing Guidelines and an Assessment Framework for EHR Usability
Role: Co-Investigator

1 IP2 PI000072-01 Weinger (PI) 07/12 - 06/14
PCORI
Patient-Centered Non-Routine Events to Identify Risks to Best Patient Outcomes
This Projects Aims are to: 1) Ascertain what aspects of their encounters with a clinical system do patients and families vi as non-routine and reflective of lower care safety or quality; 2) Elucidate the factors that influence the reporting of NREs and affect the nature of the reported NREs; and 3) Determine whether NREs obtained from patients/families significantly add to evidence about clinical system failure modes beyond that obtained from clinicians caring for the same patients.
Role: Co-Principal Investigator
Total Cost: $476,023.00

1C1CMS330979 Dittus (PI) 07/12 - 06/15
Centers for Medicare and Medicaid Services (CMS)
MyHealth Team: Regional Team-Based and Closed Loop Control Innovation Model for Ambulatory Chronic Care Delivery
(Dittus, PI) 7/1/12-6/30/15 The goal of this project is to spread a patient centered medical home and care coordination program for 70,000 patients with selected chronic diseases to improve quality and reduce costs in four hospitals within central Tennessee.
Role: Co-Investigator

Grant number unavailable Banerjee (PI) 09/12 - 08/14

FAER
Factors Contributing to Global Subjective Clinical Assessments
Role: Co-Investigator

1U18HS016651 2006 - 2009
Agency for Healthcare Research and Quality ::: Vanderbilt University Medical Center
STRAIT: Simulation Training for Rapid Assessment and Improved Teamwork
Role: Co-Investigator
Total Cost: ($1.00)

Grant number unavailable 2006 - 2010
D. W. Reynolds Foundation ::: Vanderbilt University Medical Center
Vanderbilt Reynolds Geriatrics Education Center
Role: Co-Investigator
Total Cost: ($1.00)

1R01 LM009591-01A1 Trent Rosenbloom, MD (PI) 2008 - 2011
National Institutes of Health ::: Vanderbilt University Medical Center
A Framework Based Clinical Documentation Evaluation Method
Role: Co-Investigator
Total Cost: ($1.00)

IAF 06-085 Weinger (PI) 2008 - 12/2011
Department of Veterans Affairs Merit Grant ::: Veterans Affairs Tennessee Valley Healthcare System
Operating Room Workload and Quality of Care
Role: Co-Principal Investigator
Total Cost: ($1.00)

Honors / Awards

05/10	Charles Bernard Pittenger Prize for Excellence in Research: Clinical/Translational Research, Anesthesiology Department
2001	Best Abstract for the Application of Technology to Education: Annual Meeting of the Society for Technology in Anesthesia (STA): 'Task Analysis of Anesthesia Residents¿ Clinical Performance at Different Stages of Residency Training'
2003	2003 Best of Meeting Top Ten and Best of Section ('Economics, Education & Patient Safety'): Spring symposium of the International Anesthesia Research Society (IARS): 'Assessing the Impact of Reading on Anesthesia Providers' Vigilance, Clinical Workload,
2004	Best of Section ("Economics, Education & Patient Safety") and Best of Meeting Top Ten: Spring symposium of the International Anesthesia Research Society (IARS): A Preliminary Analysis of Videotaped Anesthesia Events

Publications

Peer Reviewed Publications

Research Articles

1. Fletcher KE, Visotcky A, **Slagle JM**, Sergey T, Weinger MB, Schapira MM. Intern time distribution during an on-call period in 2010. Journal of General Internal Medicine Submitted June 2011.
2. Minnick AF, Donaghey B, **Slagle JM**, Weinger MB. Operating Room Team Members Views of Workload, Case Difficulty and Non-Routine Events. Journal for Healthcare Quality 12 May;34:16-24.
3. Weinger, M. B., **Slagle, J**., Kim, R., and Gonzales, D. A task analysis of the first weeks of training of novice anesthesiologists. Proceedings of the Human Factors and Ergonomics Society 2001; 45:404-408.

4. Weinger, M. B. and **Slagle, J**. Human factors research in anesthesia patient safety: Techniques to elucidate factors affecting clinical task performance and decision making. Journal of the American Medical Informatics Association 2002; 93(6 Suppl 1):S58-S63. PMCID: PMC419421.
5. **Slagle, J**, Weinger, MB, Dinh, MT, Brumer, VV, Williams, K. Assessment of the intrarater and interrater reliability of an established clinical task analysis methodology. Anesthesiology 2002 May;96(5):1129-1139. PMID: 11981153.
6. Fraind, DB, **Slagle, JM**, Tubbesing, VA, Hughes, SA, Weinger, MB. Reengineering intravenous drug and fluid administration processes in the operating room: step one: task analysis of existing processes. Anesthesiology 2002 Jul;97(1):139-147. PMID: 12131115.
7. Wong, DH, Gallegos, Y, Weinger, MB, Clack, S, **Slagle, J**, Anderson, CT. Changes in intensive care unit nurse task activity after installation of a third-generation intensive care unit information system. Critical Care Medicine 2003; 31(10):2488-2494. PMID: 14530756.
8. Weinger, MB, **Slagle, J**, Jain, S, Ordonez, N. Retrospective data collection and analytical techniques for patient safety studies. Journal of Biomedical Informatics 2003; 36(1-2):106-119. PMID: 14552852.
9. Weinger, MB, Reddy, SB, **Slagle, JM**. Multiple measures of anesthesia workload during teaching and nonteaching cases. Anesthesia and Analgesia 2004; 98(5):1419-1425. PMID: 15105224.
10. Weinger, MB, Gonzales, DC, **Slagle, J**, Syeed, M. Video capture of clinical care to enhance patient safety. Quality and Safety in Health Care 2004; 13(2):136-144. PMID: 15069222 PMCID: 1743810.
11. Connor O, Cooke N, Weinger MB, **Slagle J**. Using psychological scaling techniques to assess clinical expertise in anesthesiology. Proceedings of the Human Factors and Ergonomics Society 2004; 48:1746-1750.
12. Schultz K, **Slagle J**, Brown R, Douglas S, Frederick B, Lakhani M, Scruggs J, Slater B, Weinger MB, Wood KE, Carayon P. Development of a job task analysis tool for assessing the work of physicians in the Intensive Care Unit. Proc International Ergonomics Association Congress 2006; 50:1469-1473.
13. Oken, A, Rasmussen, MD, **Slagle, JM**, Jain, S, Kuykendall, T, Ordonez, N, Weinger, MB. A facilitated survey instrument captures significantly more anesthesia events than does traditional voluntary event reporting. Anesthesiology 2007; 107(6):909-922. PMID: 18043059.
14. Levin, S, Aronsky, D, Hemphill, R, Han, J, **Slagle, J**, France, DJ. Shifting toward balance: measuring the distribution of workload among emergency physician teams. Annals of Emergency Medicine 2007; 50(4):419-423. PMID: 17559969.
15. Cao, CG, Weinger, MB, **Slagle, J**, Zhou, C, Ou, J, Gillin, S, Sheh, B, Mazzei, W. Differences in day and night shift clinical performance in anesthesiology. Human Factors 2008 Apr;50:276-290. PMID: 18516838.
16. Weinger MB, **Slagle JM**, Kuntz A, Mercaldo N, Peterman D, Speroff T. A simulation-based handoff training initiative significantly improves the quality of actual PACU handoffs. Anesthesia & Analgesia 2009; 108(2S):S113.
17. **Slagle JM**, Anders S, Calderwood C, Weinger MB. Significant physiological disturbances in cases with and without non-routine events: An Analysis of Videotaped Anesthetics. Proceedings of the Human Factors and Ergonomics Congress 2009; 53:674-678.
18. **Slagle, JM**, Weinger, MB. Effects of intraoperative reading on vigilance and workload during anesthesia care in an academic medical center. Anesthesiology 2009 Feb;110(2):275-283. PMID: 19194155.
19. Weinger MB, **Slagle JM**, Kuntz A, Banerjee A, Schildcrout JS, Mercaldo ND, France D, Speroff T, Bills J, Wallston K. Improving actual handover behavior with a simulation-based training intervention. Proceedings of the Human Factors and Ergonomics Congress 2010; 54:957-961.
20. **Slagle JM**, Gordon JS, Harris C, Davison CL, Culpepper DK, Scott P, JOhnson KB. MyMediHealth Designing a next generation system for child-centered medication management. Journal of Biomedical Informatics 2010 Oct;43(5):S27-S31.

Abstracts

1. Weinger MB, **Slagle JM**. Task and workload analysis of the clinical performance of anesthesia residents with different levels of experience. Anesthesiology 2001; 95:A1145.
2. Weinger, M. B., Larson, J. W., **Slagle, J**. M., and Gonzales, D. C. Elicitation of expert knowledge about the post-anesthesia extubation decision. Anesthesiology 2001; 95:A1187.
3. Ou JC, Weinger MB, Vora S, Mazzei WJ, **Slagle JM**. Further evaluation of the effects of nighttime work on mood, task patterns, and workload during anesthesia care. Anesthesiology 2001; 95:A1196.
4. Weinger MB, Barker E, **Slagle J**. The effect of reading on the vigilance, clinical workload, and task distribution of anesthesia providers. Anesthesia and Analgesia 2003; 96(2S):A99.
5. Weinger MB, Calderwood CC, Sanders NW, **Slagle JM**. Vital signs deviate significantly from normal more often in cases containing Non-Routine Events but these deviations are still common in cases reported as routine. Anesthesia and Analgesia 2006; 102(2S):A105.
6. Weinger MB, Calderwood CC, Sandrs NW, **Slagle JM**. Effect of infusion pumps on nursing task distribution and errors in the critical care unit. Anesthesia and Analgesia 2006; 102(2S):A90.

Non-Peer Reviewed Publications

Research Articles

1. Fletcher KE, Visotcky A, **Slagle JM**, Tarima S, Weinger MB, Schapira MM. The composition of intern work while on call. Journal of General Internal Medicine (JGIM) 2012; 27:1432-1437.
2. Douglas S, Cartmill R, Brown R, Hoonakker P, **Slagle JM**, Schultz Van Roy K, Walker JM, Weinger MB, Wetterneck TB, Carayon P. The work of adult and pediatric Intensive Care Unit nurses. Nursing Research 2012; (In Press).
3. Wallston K, **Slagle JM**, Speroff T, Nwosu SK, Feurer ID, Boettcher B, Weinger MB. Operating room clinicians' ratings of workload: A vignette simulation study. Journal of Patient Safety 2012; (In Press).

Conference Proceedings

1. Cao CGL, Ozdas A, **Slagle J**:. Utilization of computerized order entry protocols in the ICU for glucose management. Proc International Ergonomics Association Congress. 2006.
2. Rayo, M., Smith, P., Weinger, M. B., & **Slagle, J**. Assessing medication safety technology in the Intensive Care Unit. Proc Human Factors Ergonomics Society Congress. 2007; 51:692-696.
3. **Slagle, J**. M., Kuntz, A., France, D., Speroff, T., Madbouly, A., & Weinger, M. B. Simulation Training for Rapid Assessment and Improved Teamwork - Lessons learned from a project evaluating clinical handoffs. Proc Human Factors Ergonomics Society Congress. 2007; 51:668-672.
4. Chern, S.Y., Carr, T., Howard, S.K., **Slagle, J**., Davidson, M., and Weinger, M. B. Effects of age and fatigue on post-call performance of anesthesiologists. Proc Am Soc Anes Ann Mtg . 2008; A963.
5. Banerjee, A., Weinger, M. B., **Slagle, J**., Miller, A., and France, D. Teamwork Day - A novel daylong simulation-based learning experience for new medical students.. Proc Am Soc Anes Ann Mtg. 2008 Oct;Orlando, FL; A409.
6. Anders S, Porterfield E, Slagle M, Weinger MB. Under the radar: Technology related events during anesthesia care. American Medical Informatics Association Annual Symposium Proceedings. 2010; 970.
7. **Slagle JM**, Porterfield ES, Afshartous D, Weinger MB. Prevalence of potentially distracting non-patient care activities and their effects on vigilance and workload during anesthesia.. 2011; A1726.
8. Weinger MB, **Slagle JM**, Nwosu SK. Higher pre- and post-case workload ratings by anesthesiologists, surgeons, and OR nurses are associated with non-routine events.. 2011 Oct;A1728.