Juliana Brixey
6901 Bertner Ave, Rm 628
Houston, TX 77030
(713) 500-2098 (Office)
Juliana.J.Brixey@uth.tmc.edu

EDUCATION

PhD	The University of Texas Health Science Center School of Health Information Sciences Houston, TX	2006
MPH	The University of Texas Health Science Center School of Public Health Houston, TX	2000
MSN	University of Texas Medical Branch at Galveston Galveston, TX	1995
BSN	University of Texas Medical Branch at Galveston Galveston, TX	1992
AD	Missouri Southern State College Joplin, MO	1978
BS	Missouri Southern State College Joplin, MO	1974

LICENSURE & CERTIFICATION

	State	RN No.
Registered Nurse (RN)	Texas	456793
Registered Nurse (RN)	Kansas	14-98461-031

PROFESSIONAL EXPERIENCE (past to current)

Institution	Position title	Inclusive Dates
St. John's Hospital Joplin, MO	Staff Nurse, General and Vascular Surgery	1978 – 1979
St. John's Hospital Joplin, MO	Staff Nurse, Recovery Room	1979 – 1980
American Red Cross Regional Center Portland, OR	Pheresis Nurse	1980 – 1981
Texas Laboratories Houston, TX	Wastewater Technician	1981 – 1982
Frito-Lay, Inc. Rosenberg, TX	Wastewater Technician	1982 – 1984
The Methodist Hospital Houston, TX	Staff Nurse, Renal – Diabetes Unit	1984 – 1985
The Methodist Hospital Houston, TX	Assistant Head Nurse, Renal - Diabetes Unit	1985 – 1987
The Methodist Hospital Houston, TX	Head Nurse, Renal – Diabetes Unit	1987 – 1989
The Methodist Hospital Houston, TX	Administrator on Duty	1989 – 2008
School of Health Informatics Houston, TX	Graduate Research Assistant	2000 – 2006
University of Kansas, School of Nursing Kansas City, KS	Assistant Professor	2006 – 2010
School of Health Informatics Houston, TX	Adjunct Faculty	2007 – 2010
University Hospital Columbia, MO	Staff Nurse, 6W	2008 – 2009
Truman Hospital Kansas City, MO	Staff Nurse, 2C	2009 – 2010

University of Texas, School of Biomedical Informatics Houston, TX	Assistant Professor Operations Manager for Education and Outreach – GCREC	2010 – 2012
University of Texas, School of Biomedical Informatics Houston, TX	Assistant Professor Director of HIT program	9/2012 – 11/2013
University of Texas, School of Biomedical Informatics Houston, TX	Associate Professor SBMI with joint appointment with UT SON	9/2013 – Present
University of Texas, School of Biomedical Informatics Houston, TX	Appointed Director of Interprofessional Education – SBMI Teaching Faculty at SBMI in Applied Health Informatics Program Teaching Faculty at UT SON	11/2013 – Present
University of Texas Health Science Center at Houston Houston, TX	Appointed Academic Coordinator for UTHealth IPC by Dr. Patricia Starck	9/2014 – Present
University of Texas Health Science Center at Houston Houston, TX	Appointed Interim Director – Center for Interprofessional Collaboration	7/2015 – Present
University of Texas Health Science Center at Houston	Director – Center for Interprofessional Subcommittee	10/2015 – Present

HONORS & AWARDS (past to current)

Kuhn Award for Academic Excellence in Nursing	Missouri Southern State College	1978
Environmental Awareness Scholarship	University of Texas Health Science Center	2001 – 2002
John P. McGovern Competitive Academic Scholarship	University of Texas Health Science Center	2001 – 2002

Evaluating a Medical Error Taxonomy *(nominated)* for the Harriet H. Werley Award in recognition of the paper, with a nurse as first author making the greatest contribution to advance the field of nursing informatics	American Medical Informatics Association	2002
Environmental Awareness Scholarship	University of Texas Health Science Center	2003 – 2004
Adopt a Student Scholarship	University of Texas Health Science Center	2003 – 2004
Recipient of NLM Grant No. 5 T15 LM07093	National Library of Medicine (NLM)	2003 – 2006
Interruptions in Workflow for RNs in a Level Trauma Center **was recognized as a finalist paper** for the Diana Forsythe Award	American Medical Informatics Association	2005
Travel Scholarship	The University of Texas Health Science Center at Houston	2005
K30 Fellowship	University of Kansas	2007 – 2009
Research Grant	Office of Grants and Research	2007
John P. McGovern Teaching Award	The University of Texas Health Science Center at Houston	2012
Health Educators Fellowship Program	The University of Texas Health Science Center at Houston	2014 – 2015
TeamSTEPPS Master Trainer	Duke University	2015

GRANTS (past to current)

K30, University of Kansas, Novice Researcher (Juliana Brixey, PI), 2007 – 2009

Interruption and Distraction During Medication Administration Process: A Multidisciplinary Observational Study, Office of Grants and Research, University of Kansas, Principle Investigator (Juliana Brixey, PI), 2007 – Present

An Observational Pilot Study of Workflow and Interruption in a Level One Trauma Center (No. 5 T15 LM07093), National Library of Medicine (NLM), Co-Investigator, (Jiajie Zhang, PI), 2003 – Present

Preventing inpatient medical errors by improving nurse-doctor communication via telephone, Principle Investigator (Juliana Brixey, PI), Completed. Not funded.

A Systematic Assessment of Web 2.0 Technologies for Online Students, University of Kansas School Medical Center, School of Nursing, Co-Investigator (Kelli Kamer-Jackman, PI), 2010 – Present. Not funded.

A Systematic Assessment of Social Media Technologies for Online Students and Faculty, SBMI, (Juliana Brixey, PI), 2011 – 2014. Not funded.

Professional University Resources and Education for Health Information Technology (8000001286.1C.), ONC/HHS, (Juliana Brixey, PI), $1,277,139, 2012 - 2013

Virtual exchange for senior nursing students: An international collaboration, SON, (Juliana J. Brixey (PI), with PIs Michelle Honey, Senior Lecturer, School of Nursing, The University of Auckland, NZ
Paula M Procter, Reader, Department of Nursing and Midwifery, Sheffield Hallam University, UK

PUBLICATIONS (past to current)

Research Articles

1. **Brixey, J. J.**, Johnson, T. R., & Zhang, J. Evaluating a medical error taxonomy. Proc AMIA Symp. 2002: 71-5.

2. **Brixey, J. J.**, Turley, J. P., Zhang, J., & Johnson, T. R. Factors influencing the legibility of a small screen medical device using contextual analysis. Proc XVIII Annual International Occupational Ergonomics and Safety Conference. 2004.

3. **Brixey, J. J.**, Walji, M., Zhang, J., Johnson, T. R., & Turley, J. P. Proposing a taxonomy and model of Interruption. Proc 6th International Workshop on Enterprise Networking and Computing in Healthcare Industry. 2004: 184-188.

4. Johnson, T. R., Zhang, J., Patel, V. L., Keselman, A., Tang, X., **Brixey, J.**, et al. (2005). The role of patient safety in the device purchasing process. In K. Henriksen, J. B. Battles, E. Marks & D. I. Lewin (Eds.), *Advances in Patient Safety: From Research to Implementation*.

5. **Brixey, J. J.,** Robinson, D. J., Tang, Z., Johnson, T. R., Turley, J. P., Zhang, J. A study of interruption and workflow for registered nurses in a level one trauma center. Conference Proceedings, Health Informatics Conference held July 31- August 2, 2005 in Melbourne, Australia.

6. **Brixey, J. J**., Robinson, D. J., Tang, Z., Johnson, T. R., Turley, J. P., Zhang, J. Interruptions in Workflow for RNs in a Level One Trauma Center. Conference Proceedings, American Medical Informatics Association Conference held October 22-26, 2005 in Washington DC.

7. Turley, J. P, Johnson, T. R., Zhang, J., **Brixey, J. J.** (2006). Manual Review as a Proxy for Formal Usability Evaluation of Medical Devices. *Joint Commission Journal on Quality and Patient Safety, 32(4), 214-220.*

8. Turley, J. P, **Brixey, J. J.,** Johnson, T. R., Mokkarala, P., Zhang, J. (2006). Comprehensive Medical Error Ontology for the Codification of Published Literature. Japanese Journal of Cognitive Science, 13(1), 6-16. (An invited paper).

9. Zhu, M., Huang, Y., Gong, Y., **Brixey, J. J.,** Zhang, J., & Turley, J. P. (2006). Mapping concepts in medical error taxonomies. Conference Proceedings, Biomedical and Health Informatics: From Foundations to Applications to Policy, Washington, DC. http://www.pubmedcentral.nih.gov/picrender.fcgi?artid=1839288&blobtype=pdf

10. **Brixey J. J**., Robinson, D. J., Johnson C. W., Johnson, T. R., Turley, J. P., Zhang J. A concept analysis of the phenomenon interruption. Advances in Nursing Science. 2007 2006, 30(1):E26-E42.

11. **Brixey, J. J.,** Tang, Z., Robinson, D. J., Johnson, C. W., Johnson, T. R., Turley, J. P., & Zhang, J. (2007). Towards a hybrid method to categorize interruptions and activities in healthcare. International Journal of Medical Informatics, 76(11-12), 812-820.

12. Johnson, T. R., Tang, X., Graham, M. G., **Brixey, J.,** Turley, J. P., Zhang, J., Keselman, A., & Patel, V. L. (2007). Attitudes toward medical device use errors and the prevention of adverse events. Jt Comm J Qual Patient Safety, 33(11), 689-694.

13. **Brixey, J. J.,** Tang, Z., Robinson, D. J., Johnson, C. W., Johnson, T. R., Turley, J. P., et al. (2008). Interruptions in a level one trauma center: A case study. International Journal of Medical Informatics, 77(4), 235-241.

14. **Brixey, J. J.,** & Warren, J. J. (2008). Creating a toolkit of synchronous and asynchronous computer—mediated communication software applications for online health informatics students. Conference Proceedings for Building Worldwide Capacity for the Health Informatics Workforce Buenos Aires, Argentina.

15. **Brixey, J. J.,** Robinson, D. J., Turley, J. P., & Zhang, J. (epub2008, 2010). The roles of MDs and RNs as initiators and recipients of interruptions in workflow. International Journal of Medical Informatics, 79(6),:e109-15.

16. **Brixey, J. J**. & Warren J. J. (2009). Creating experiential learning activities using Web 2.0 tools and technologies: A case study. *Stud Health Technol Inform*, 146, 613-7.

17. **Brixey, J. J.,** Zhang, J., Johnson, T. R., & Turley, J. P. (2009). Factors influencing legibility of a volumetric infusion pump in a shock trauma ICU: A contextual analysis. *Joint Commission Journal on Quality and Patient Safety*, *35*(4), 229-35.

18. Branchini, A. Z., **Brixey, J. J.**, & Polifroni, E. C. (2012). Characteristics of pioneers of nursing informatics: A thematic analysis. *Conference Proceeding for 11th International Congress on Nursing*, Montreal, Canada, June 23-27, 2012.

19. **Brixey, J. J.,** & Turley, J. P. (2013). Home care risk management: Nursing issues related to technology. *Conference Proceedings for HCI International 2013 'Utilizing Traditional Wisdom and Technology for Quality Care'*, Las Vegas Nevada, July 21-26. 2013.

20. Källberg, A., Göransson, K. E., Florin, J., Östergren, J., **Brixey, J. J.,** & Ehrengerg, A. (2014). Contributing factors to errors in Swedish emergency departments. *BMJ Quality & Safety*. Retrieved from http://dx.doi.org/10.1016/j.ienj.2014.10.002

21. Procter, P. M., **Brixey, J. J.,** Todhunter, F., & Honey, M. L. L. (2017). International virtual elective experience for student nurses. *Informatics, 4*(9). Retrieved from http://www.mdpi.com/2227-9709/4/2/9

22. Winburn, A., S., **Brixey, J. J.,** Langabeer II, J. & Champagne-Langabeer, T. (2017). A systematic review of prehospital telehealth utilization. *Journal of Telemedicine and Telecare*, *0*(0) 1–9.

Peer Reviewed Panels (past to current)

1. Dev, P., Agresta, T., **Brixey, J**., Willcockson, I., & Horan, T. (2008). Virtual worlds, virtual patients and virtual EHR for health care education. Presented as panel at Biomedical and Health Informatics From Foundations to Applications to Policy, Washington, DC.

2. **Brixey, J.** Westra, B., Covington, B., Shortliffe, E., Bakken, S. 50 years in the making – The nursing informatics working group history project. AMIA Symp. 2009, San Francisco, Nov 14-18, 2009.

3. Aarts, J., **Brixey, J. J**., Koppel, R., & Moen, A. (2010). *Documentation of care: Transition from paper to digital communication in clinical workflow.* Panel presented at the MEDINFO, Cape Town, South Africa.

4. Boss, L., Branson, S., **Brixey, J. J**., & Santa Maria. D. (2014, September 26). Interactive student engaged teaching. UTHealth School of Nursing.

5. **Brixey, J. J**, Benham-Hutchins, M., Erdley, W. S., Fitzgerald, K. S., & Ross, A. M. (2016). Health informatics competencies, workforce and the DNP: Why connect these 'dots'? Panel for NI 2016, Geneva, Switzerland.

6. Bogschutz, R., Farmer, D., Kaunas, C. L., Joseph, R., & **Brixey, J. J.** (2017). A model for inter-institutional interprofessional practice and education (IPE) collaboration: The Texas IPE Task Force. UTHealth Advances in Teaching & Learning Day. Austin, TX, February, 2017.

Invited Panels (past to current)

1. **Brixey, J. J.,** Currie, L. M., Newbold, S. K. (2016, September 9). 'Informatics-Global versus Indian perspective. US Panel members presented via Skype to 6th International CME, Workshop & Conference on 'Cost Effective Use of Technology in e-Healthcare'. September 7-9, 2016, New Dehli, India.

Peer Reviewed Scientific Demonstration (past to current)

1. **Brixey, J. J.,** Erdley, W. S., Hanson, M., & Stewart, S. (2010). *Second Life®: Educating in the virtual environment.* Demonstration presented at the MEDINFO Conference, Cape Town, South Africa.

2. **Brixey, J. J.,** Robinson, D. J., & Franklin, A. (2015). Education 'Reality': Virtual worlds for online education and training. Demonstration presented at The 2015 Innovations in Health Science Education Annual Conference, Austin, TX, February, 19-20, 2015.

3. Starck, P., & **Brixey, J.** (2016). Making a team-based video as a teaching tool for interprofessional education. Demonstration for The 2016 Innovations in Health Science Education Annual Conference, Austin, TX, February 18-19, 2016.

Peer Reviewed Workshops (past to current)

1. Panniers, T., Kaplan, B., Ash. J., Benditt, R., **Brixey, J.,** George, S., Haque, S., LeRouge, C., Shachak, A. (2009). Qualitative methods in biomedical informatics and the three Rs: Rationale, rigor, and roadblocks. AMIA Symp. 2009, San Francisco, Nov 14-18, 2009.

2. Taylor, L. A., Wilcockson, I., Dalrymple, P., Brown, M., & **Brixey, J. J.** (2010). *Third annual education working group workshop for healthcare faculty: Just- In- Time teaching strategies for effective inter-professional healthcare education*. AMIA 2010 Annual Symposium, Washington, D. C.

Peer Reviewed Abstracts (past to current)

1. **Brixey, J.** & Gainer, A. PDST: Pain Decision Support Tool (Presented at University of Washington School of Nursing, *Nurse Odyssey 2001 Conference and American Medical Informatics Association*, November 2001 in Seattle, WA.

2. **Brixey, J.** Development of a screen interface for a medication error database. Presented at *American Medical Informatics Association*, November 2001.

3. **Brixey, J. J.,** Turley, J. P., Johnson, T. R., & Zhang, J. Analysis of medical device errors using grounded theory. Presented at the 14th International Nursing Research Congress Celebrating Global Diversity in Research, Education and Practice 10-12 July 2003, St. Thomas, U.S. Virgin Islands.

4. Johnson, T.R., Tang, X., Graham, M., **Brixey, J.**, Zhang, J., Kesselman, A., & Patel, V. Attitudes toward medical device use errors and their prevention. Presented at *MedInfo*, September 7-11, 2004 San Francisco, CA.

5. Chung, P. H., Ali, A. N., **Brixey, J. J.**, Zhang, J., Johnson, T. R., & Turley, J. P. A comparative study of patient safety using infusion pumps. Presented at *MedInfo*, September 7-11, 2004 San Francisco, CA.

6. **Brixey, J. J**. Johnson, T. R., Robinson, D. J., Zhang, J., Tang, Z., Turley, J. P. A study categorizing workflow interruptions for RNs in a level one trauma center. Conference Proceedings 16th International Nursing Research Conference held July 14-16 2005 in Kona Hawaii.

7. **Brixey, J. J.,** Robinson, D. J., Tang, Z., Johnson, T. R., Turley, J. P., Zhang, J. Evaluating a model of interruption. Conference Proceedings, International Nursing Conference held October 12-15, 2005 in Beijing, China.

8. **Brixey, J. J.,** Robinson, D. J., Tang, Z., Johnson, T. R., Turley, J. P., Zhang, J. Interrupted physicians and nurses in a level one trauma center: Are interrupted tasks resumed? Conference Proceedings for the 3rd Houston Human Factors and Ergonomics Society Conference, Houston Texas, May 26, 2006.

9. **Brixey, J. J.,** Robinson, D. J., Johnson, C. W., Johnson, T. R., Turley, J. P., Zhang, J. Developing a method to analyze observational data for RN interruptions. Conference Proceedings for the 17th International Nursing Research Congress Focusing on Evidence-Based Practice Montréal, Québec, Canada Montréal 19-22 July, 2006.

10. **Brixey, J. J.,** Robinson, D. J. Tang, Z. Johnson, T. R., Turley, J. P. Zhang, J. The clinical workspace as an environmental contributor to interruption. Conference Proceeding for the International Nursing Conference 2006 and The Fifth Annual Meeting of China Higher Nursing Education Association, 18 - 19 October, 2006, China, Shandong, Jinan.

11. **Brixey, J. J.,** Turley, J. P. Initiator of interruption in workflow. Presented at 2007 Sigma Theta Tau International, 18th International Nursing Research Congress: Focusing on Evidence-Based Practice, 11-14 July 2007, Vienna, Austria.

12. **Brixey, J. J.,** Robinson, D. J., Turley, J. P., Zhang, J. Initiators of interruption in workflow: The role of MDs and RNs. Presented at MEDINFO 2007, August 20-24, Brisbane, Australia.

13. **Brixey, J. J.,** Warren, J., Turley, J. P. Developing a taxonomy to categorize patient falls. Presented at MEDINFO 2007, August 20-24, Brisbane, Australia.

14. **Brixey, J. J.,** Robinson, D. J., Turley, J. P., Zhang, J. Interruption of RNs and MDs in a Level One Trauma Center: Are Interrupted Tasks Resumed? Conference Proceedings, 2007 AMIA Spring Conference, May 22-24, 2007, Orlando, Florida.

15. **Brixey, J. J.,** & Warren, J. J. (2008). *Creating an interactive learning experience for an on-line health informatics course*. Presented at the Emerging Technologies in Nurse Education, Seattle, WA.

16. **Brixey, J. J.,** & Warren, J. J. Second Life: An innovative strategy to teach nursing informatics. Presented at The 35th Annual National Conference on Professional Nursing Education and Development, Kansas City, MO.

17. Warren, J. J., & **Brixey, J. J**. (2009). Second Life: Not your conventional simulation. The 10th International Congress on Nursing Informatics. Helsinki, Finland. June 28-July 1, 2009. Stud Health Technol Inform. 146, 843.

18. **Brixey, J. J.,** & Turley, J. P. (2009). Second Life and health information. The 10th International Congress on Nursing Informatics, Helsinki, Finland, June 28-July 1, 2009. Stud Health Technol Inform, 146, 725.

19. **Brixey J. J**. & Warren, J. J. (2009). Social bookmarking: Creating interconnectedness for online

health informatics students. The 20th Annual International Nursing Research Congress Focusing on Evidence Based Practice. Vancouver, Canada, July 13-17, 2009.

20. **Brixey, J. J.** & Warren, J. J. (2009). An introduction and orientation to Second Life for online health informatics students. The 20th Annual International Nursing Research Congress Focusing on Evidence Based Practice. Vancouver, Canada, July 13-17, 2009.

21. **Brixey, J. J.,** & Warren, J. J. (2010). *An introduction to 3-D Simulation in a virtual world: Second Life for online education*. Poster presented at the Midwestern Nursing Research Society, Kansas City, MO, April 2010.

22. **Brixey, J. J.,** & Warren, J. J. (2010). *Second Life: A new frontier for experiential simulation*. Podium presentation for PNEG, Baltimore, MD, October 21-24, 2010.

23. Newbold, S. K., & **Brixey, J. J.** (2013). Pioneers of nursing informatics transform healthcare. Poster for SINI, Baltimore, MD, July 17-19, 2013.

24. **Brixey, J. J** (2013). Creating virtual electronic health record laboratory. Poster for AMIA 2013 Annual Symposium, Washington, DC, November 16-20, 2013.

25. Brixey, J. E., & **Brixey, J. J** (2013). White blood cell differential and standards. Poster for AMIA Annual Symposium, Washington, DC, November 16-20, 2013.

26. Newbold, S. K., & **Brixey, J. J.** (2014). AMIA nursing informatics history project. Posters for The 12th International Congress on Nursing Informatics, Taipei, Taiwan, 2014.

27. **Brixey, J. J**., & Fenton, S. H. (2014). Creating a virtual health information technology laboratory. Poster for The 12th International Congress on Nursing Informatics, Taipei, Taiwan, June 21-25, 2014.

28. Pepper, C. A., & **Brixey, J. J.** (2014). Social network analysis in public health: A concept map. Podium presentation for APHA 142nd Annual Meeting, New Orleans, LA, Nov 15-19, 2014.

29. Pepper, C. A., & **Brixey J. J.** (2014). Towards a conceptual understanding of social network analysis in Public health derived from published literature. Poster for AMIA 2014 Annual Symposium, Washington, DC, November 15-18, 2014.

30. **Brixey, J. J.** (2015). Social media: Stimulating active learning and community. Poster for The 2015 Innovations in Health Science Education Annual Conference, Austin, TX, February 19-20, 2015.

31. **Brixey, J. J.** (2015). Interprofessional education to promote teamwork using video conferencing software. Poster for UTHealth Advances in Teaching & Learning Day. Houston, TX, June 12, 2015.

32. **Brixey, J. J.** (2015). An assemblage of technologies for multidisciplinary online health informatics education. Conference Proceedings for the 26th International Nursing Research Congress Focusing on Evidence-Based Practice. San Juan, Puerto Rico, July 23-27, 2015.

33. **Brixey, J. J.,** Pepper, C., & Brixey, J. E. (2015). The Internet: A source of near real time infectious disease information. Poster for AMIA 2015 Annual Symposium, San Francisco, CA, November 14-18, 2015.

34. Procter, P. M., **Brixey, J. J.,** Honey, M. L.., & Todhunter, F. (2016). Social media and population health virtual exchange for senior nursing students: An international collaboration. Poster for NI 2016, Geneva, Switzerland, June 2016. **Awarded Best Scientific Poster.**

35. **Brixey, J. J.,** Tisdale, D., Trufant, B. (2017). Educational games in interprofessional education. Poster for UTHealth Advances in Teaching & Learning Day. Austin, TX, February, 2017.

36. Newbold, S. K., & **Brixey, J. J.** (2016). Nursing informatics pioneers continue to influence the profession: A sustainable impact. Poster for NI 2016, Geneva, Switzerland, June 2016.

37. **Brixey, J. J.,** & Erdley, W. E. (2017 Accepted). Right time in medication administration: A multifaceted concept. Poster to be presented The 28th Annual International Nursing Research Congress. Dublin, Ireland, July 13-17,2017.

38. **Brixey, J. J.,** & Newbold, S. K. (2017). Nursing informatics pioneers embrace social media. Poster to be presented, MedInfo 2017, Hangzhou, China August 21-25th.

39. Brixey, J. E., & **Brixey, J. J.** (2017). An exploratory analysis of questions submitted to a Brazilian telemedicine system. Poster to be presented, MedInfo 2017, Hangzhou, China August 21-25th.

PRESENTATIONS   (past to current)

Peer-reviewed

1. Acki, N., **Brixey, J.**, Glasgow. A., & Shek, M. Evaluation of telemedicine. Telehealth Conference, Los Angeles, CA. October 31, 2000.

2. **Brixey, J.** & Chen, J. Electronic prescription vs a paper prescription: Which is better? Presented at *Human Systems 2001 Exploring the Human Frontier*, June 2001 and *Research Day at University of Texas Health Science Center*, December 2001, in Houston TX.

3. Michea, Y. F., **Brixey, J.**, Phelps, C., Johnson, C. Teaching the cognitive effects of alcohol. Presented at *Teaching Learning Day at University of Texas Health Science Center* -Houston 2002.

4. **Brixey, J.**, Frenzel, J., Chalambaga, M., & Johnson, T. R. Redesign and prototype for the Interface of a volumetric infusion pump following the usability engineering lifecycle . Presented at the *8th Annual UTHSC- Houston Research Day*, November 1, 2002, in Houston, TX.

5. **Brixey, J.**, Frenzel, J., Chalambaga, M., & Johnson, T. R. Redesign and prototype for the Interface of a volumetric infusion pump following the usability engineering lifecycle. Presented at *AMIA 2002 Symposium*, November 9-13, 2002 in San Antonio, TX.

6. **Brixey, J.** Bench to bedside: Integrating research with clinical nursing practice. Presented at the

   Keck Fellows Monthly Meeting, January 3, 2003.

7. **Brixey, J. J.**, Zhang, J., Johnson, T. R. Using computational modeling to predict resumption of an interrupted task for a medical device. Presented at *Sealy Center for Structural Biology*, The University of Texas Medical Branch at Galveston, May 2-4, 2003 in Galveston, TX.

8. **Brixey, J. J.**, Tang, X., Zhang, J., Johnson, T. R., Turley, J. P. Automating a data collection tool for use in an observational study of workflow in a level one trauma center. Presented at *the 2003 Annual Research Conference, W. M. Keck Center for Computational and Structural Biology Houston Area Molecular Biophysics Program*, Clear Lake, October 2, 2003.

9. **Brixey, J. J.**, Zhang, J., Johnson, T. R., Turley, J. P., Johnson, C., Robinson, D. J. Toward an ontology of Interruption. Presented at *the 9th Structural Biology Symposium*, Galveston, April 30 – May 1, 2004.

10. **Brixey, J. J.**, Zhang, J., Johnson, T. R., Turley, J. P., Johnson, C., Robinson, D. A. A Study of interruption in an emergency room. Presented at the NLM Informatics Training Conference, June 9 –10, 2004, Indianapolis, Indiana.

11. **Brixey, J. J.** Medical errors. Presented at East Houston Regional Medical Center, Houston, TX. December 17, 2004.

12. **Brixey, J. J.** Medication safety: Role of interruption. Presented at the Philippine Nurses Association of Metropolitan Nursing Clinical Update, Houston, TX, March 12, 2005.

13. **Brixey, J. J.** Theories of constraints. Presented at The Methodist Hospital, Houston, TX, April 28, 2005.

14. **Brixey, J. J.,** Robinson, D. J., Tang, Z., Johnson, T. R., Turley, J. P., Zhang, J. A study of workflow in a level one trauma center. Presented at the CISPC meeting of the Memorial Hermann System, Houston, TX, October 3, 2005.

15. **Brixey, J. J**., Tang, Z., Robinson, D. J., Johnson, C. W., Johnson, T. R., Turley, J. P., Zhang, J. A model of interruption. Presented at Research Day: New Pathways to Discovery Interdisciplinary Training and Research**,** *UTHSC-Houston Research Day*, November 18, 2005.

16. **Brixey, J. J**., Robinson, D. J., Tang, Z., Johnson, T. R., Turley, J. P., Zhang, J. Interrupted physicians and nurses in a level one trauma center: Are interrupted tasks resumed? Presentation delivered at the 3rd Houston Human Factors and Ergonomics Society Conference, Houston Texas, May 26, 2006.

17. **Brixey, J. J.,** Interruptions (An invited presentation delivered to visiting registered nurses from Japan for the Risk Management Seminar sponsored by the University of Texas Health Science

Center at Houston, School of Nursing, Houston Texas, 26 June 2006).

18. **Brixey, J. J**., Electronic health record (An invited presentation) delivered to mental health professionals, Association of Community Mental Health Centers 27th Annual Conference sponsored by University of Kansas Medical Center, Overland Park KS, 22 September 2006.

19. **Brixey, J. J.,** Robinson, D. J. Tang, Z. Johnson, T. R., Turley, J. P. Zhang, J. The clinical workspace as an environmental contributor to interruption. Presented at the International Nursing Conference 2006 and The Fifth Annual Meeting of China Higher Nursing Education Association, 18 - 19 October, 2006, China, Shandong, Jinan).

20. **Brixey**, J. J., Turley, J. P. Initiator of interruption in workflow. (Presented at 2007 Sigma Theta Tau International, 18th International Nursing Research Congress: Focusing on Evidence-Based Practice, 11-14 July 2007, Vienna, Austria).

21. Kumm, S. & **Brixey, J. J.** Simulation: What's hot? Presented to University of Kansas School of Nursing, August 15, 2007.

22. **Brixey, J. J.,** Robinson, D. J., Turley, J. P., & Zhang, J. (2007). *Initiators of interruption in workflow: The role of MDs and RNs,* Presented at Faculty Research Day, October 2007, University of Kansas, Kansas City, KS.

23. **Brixey, J. J**. ED Interruptions on RNs. (Invited speaker). 2008 NPSF Annual Safety Conference: Connect, Communicate, Commit, May 15-16, 2008, Nashville, TN.

24. **Brixey, J. J.** Interruptions for RNs. Cerner Health Conference. October 6, 2008. Kansas City, MO.

25. **Brixey, J. J.,** & Warren, J. J. (2008). *Creating an interactive learning experience for an on-line health informatics course*. Presented at Faculty Research Day, November 2008, University of Kansas, Kansas City, KS.

26. **Brixey, J. J.** Interruptions for RNs. (Invited speaker) presented November 11, 2008. Distractions and interruptions: Impact on nursing. Webinar.

27. Warren, J. J., & **Brixey, J. J**. (2009). Second Life: Not your conventional simulation. Presented at Faculty Research Day, November 2009, University of Kansas, Kansas City, KS.

28. **Brixey, J. J.,** & Turley, J. P. (2009). Second Life and health information. Presented at Faculty Research Day, November 2009, University of Kansas, Kansas City, KS.

29. **Brixey, J. J.,** & Turley, J. P. (2010). *Second Life: An emerging consumer health information resource for mental health disorders.* Poster. AMIA 2010 Annual Symposium, Washington, D. C.

30. Brixey, J. J., & Warren, J. J. (2010). *Social networking: Sharing student created reference libraries.* Poster for PNEG, Baltimore, MD, October 21-24.

31. **Brixey, J. J**. & Turley, J. P. (2011). Social media 101: More than social networking. Poster for STTI, Cancun, Mexico, July 11-14, 2011.

32. **Brixey, J. J,** Turley, J. P., Fenton, S. Field, L., & Tyson-Howard. (2011). Designing a Comprehensive Career Ladder for the Future Health IT Workforce. Webinar Presentation for NI-WG. August 31, 2011.

33. **Brixey, J. J**., Hsu, C. E., Franklin, A., Zeng, R., Mohammad, M., & Turley, J. P. Workflow simulation in Second Life for an ambulatory care clinic: Developing essential workflow modeling skills. Podium presentation for MedBiquitous Annual Conference, Baltimore, Maryland, May 2-4, 2012.

34. **Brixey, J. J.** & Turley, J. P. Workflow representation and visualization: (2012). Selecting software applications. Poster for 11th International Congress on Nursing, Montreal, Canada, June 23-27, 2012.

35. **Brixey, J. J**., Ibarra-Jiménez, Jesús & Turley, J. P. (2012). Knowledge acquisition in transdisciplinary health care teams: A review of the literature. Poster for 11th International Congress on Nursing, Montreal, Canada, June 23-27, 2012.

36. Dodd, D., & **Brixey, J. J**. (2012). Patient controlled analgesia medication errors: The role of human factors. Poster for 11th International Congress on Nursing, Montreal, Canada, June 23-27, 2012.

37. **Brixey, J. J**., & Lu, T. (2013). On the boulevard: Poster presentation in Second Life. Poster for the 9th annual innovations in health science education conference . Austin, TX, February 21-22, 2013.

38. **Brixey, J. J**., Fenton, S. H., & Tyson-Howard, C. (2013). Texas HIT workforce development: A comprehensive career ladder. Poster for 2013 TTUHSC Rural and Community Health Crossroads Conference. Lubbock, TX, June 5-6, 2013.

39. Brixey, J. J., & Fenton, S. H. (2013). Towards a constellation of technologies for online education. Podium presentation for TSAHP, San Marcos, TX, September 26-27, 2013.

39. Brixey, J. E., & **Brixey, J. J.** (2017). What do nurses ask about? A review of nursing questions in a Brazilian telemedicine system. Podium presentation to be presented The 28th Annual International Nursing Research Congress. Dublin, Ireland, July 13-17, 2017.

Book Chapter (past to current)

1. **Brixey, J. J.** (2014). Consumer health informatics. In S. H. Fenton & S Beidermann (Eds.), *Introduction to healthcare informatics* (pp. 321-345). Chicago, IL: AHIMA.

2. Ozkayna, M., Unertl, K., Johnson, S., **Brixey, J. J.,** & Haque, S. N. (2016). Chapter 7: Clinical workflow analysis, process redesign, and quality improvement. New York, NY: Springer Publishing Company

4. McLane, S., & **J. J. Brixey**. (2016). Evaluation of health care information systems and patient care technology. In J. V. Hickey & C. A. Brosnan (Eds.), *Evaluation of health care quality for DNPs* (2nd ed.). New York, NY: Springer Publishing Company.

5. Brixey, J. J., Biedermann, S., & Dolzel, D. (2017). Consumer health informatics. In S. Biedermann & D. Dolezel (Eds.), *Introduction to health informatics* (2nd ed., pp. 457-489). Chicago, IL: AHIMA.

Book (past to current)

Brixey, J. J., Brixey, J. E., Saba, V. K., & McCormick, K. A. (2015). *Essentials of nursing informatics study guide*. New York, NY: McGraw Hill Education.

Invited Lectures (past to current)

1. **Brixey, J. J**. (2012, September 11). Health Informatics Overview and Application for Public Health.

Presented to City of Houston Health Department, Houston, TX.

2. **Brixey, J. J.** (2012, October 31). Social media. Presented to graduate students at TWU, Houston, TX.

3. **Brixey, J. J.** (2012, November 30). Informatics. Presented to graduate students at UT SON. Houston, TX.

4. **Brixey, J. J**. (2013, January 11). Electronic Health Records: Where are We Today? Presented at? DOL Conference, San Jacinto Community College, Houston, TX

5. **Brixey, J. J.** (2013, February 28). Social media: Healthcare and education. Presented to graduate students at UTMB, Galveston, TX.

6. **Brixey, J. J.** (2013, March 31). Interruptions, distractions, and workflow. Presented to graduate students at UT SON, Houston, TX.

7. **Brixey, J. J.** (2013, June 27). Qualitative analysis. Presented to graduate students at UT SON, Houston, TX.

8. **Brixey, J. J.** (2013, September 12). Social media: Applications in healthcare and education for registered nurses. Presented to TNA District 9, Houston, TX.

9. **Brixey, J. J.** (2014, January 16). Social media: Creating connections in healthcare and education for registered nurses. The Texas School Nurses Organization, Region IV, Houston, TX.

10. **Brixey, J. J.** (2014, November 15). Social media: Practical application in health care and nursing. Presented to Texas School Nurses Organization, Houston, TX.

11. **Brixey, J. J.** (2015, April 8). Informatics and social media: Relevance to healthcare and education. Presented to RN to BSN students at UT SON, Houston, TX.

12. **Brixey, J. J.** (2015, July 2). Engagement with your data: Application of intelligent use of technology in qualitative research. Presented to doctoral students at UT SON enrolled in qualitative research course, Houston, TX.

13. **Brixey, J. J.** (2015, August 7). Simulation in education. Presented to doctoral students at UT SON enrolled in nurse executive course, Houston, TX.

14. **Brixey, J. J.** (2015, October 8). TeamSTEPSS. Presented to the FNP students at UT SON, Houston, TX.

15. **Brixey, J. J.** (2015, October 16). Nursing informatics: Relevance to nursing and healthcare. Recorded lecture for the DNP students enrolled in N6801 Scholarly Foundations for Adv Practice**,** Houston, TX.

16. **Brixey, J. J**. (2016, May 4). Interruptions and distractions. Presented to Registered Nurse Interns at Park Plaza Hospital, Houston, TX**.**

17. **Brixey, J. J**. (2016, February 4). **Nurses: The Nation's Largest Health Care Profession.** Presented to graduate students at UTHealth SBMI, Houston, TX.

18. **Brixey, J. J.** (2016, January 14). Interruptions and distractions. Presented to Registered Nurse Interns at Park Plaza Hospital, Houston, TX.

19. **Brixey, J. J.** (2016, Sept 21). Social media in education & practice. Presented to graduate students at TWU, Houston, TX.

20. **Brixey, J. J.** (2017, April18). Federal and state initiatives to promote inter-professional collaboration in healthcare. Presented to TONE membership, Texas.

21. **Brixey, J. J.** (2017, May 15). *Attributes and Features of the United States health system and nursing.* Presented to nursing faculty of Dalarna University, Falun, Sweden.

22. **Brixey, J. J.** (2017, June 1). TeamSTEPPS communication techniques. Presented to Registered Nurse Interns at Park Plaza Hospital, Houston, TX.

PROFESSIONAL SERVICE

Consultations (past to current)

McGraw-Hill Publishing   Ad Hoc   2012, 2014, 2017
Created teaching resources for the health informatics textbook: McCormick, K., & Gugerty, B. (2013). *Healthcare Information Technology Exam Guide for Comp TIA Healthcare IT Technician and HIT PRO Certifications.* New York, NY: McGraw-Hill.

GIC Informatics (Brian Gugerty, DSN)   Ad Hoc   2012 – 2013

Editing for such projects as the EHR PAT, a study guide. Excelsior College   2012 – 2013
Review of curriculum for the Healthcare Informatics Certificate Program

Editorial Boards/Panels (past to current)

Journal	Role	Inclusive Dates
American Medical Informatics Annual Symposium	Reviewer	2006
Hawaiian International Conference on Systems Sciences	Reviewer	2006
52nd Annual Meeting of the Human Factors and Ergonomics Society	Reviewer	2007
Hawaiian International Conference on Systems Sciences	Reviewer	2007
American Medical Informatics Annual Symposium	Reviewer	2007
Open Medical Informatics Journal	Reviewer	2008
Journal of Medical Systems	Reviewer	2009
AMIA 2009 Annual Symposium	Reviewer	2009
Medicine 2.0 Conference	Reviewer	2009
Journal of Medical Systems	Reviewer	2009
NLN Technology Conference	Reviewer	2009
Human Factors and Ergonomics Society	Reviewer	2010

Delmar Cengage Learning	Reviewer	2010
NI 2012	Reviewer	2011
AMIA 2012 Annual Symposium	Reviewer	2012
MedInfo	Reviewer	2013
JAMIA	Reviewer	2013
Methods of Information in Medicine	Reviewer	2013
Reviewed Exemplars submitted to TIGER	Reviewer	2013
AMIA Annual Symposium	Reviewer	2013
NI 2014	Reviewer	2013
MedInfo	Reviewer	2014
Applied Ergonomics	Reviewer	2015
Methods of Information in Medicine	Reviewer	2015
AMIA Annual Symposium	Reviewer	2015
Journal of Medical Internet Research	Reviewer	2013 - Current
AMIA Annual Symposium	Reviewer	2016
International Journal of Nursing Studies	Reviewer	2016
Journal of Biomedical Informatics	Reviewer	2016
MedInfo	Reviewer	2016

Professional Service (Professional organizations, Study Sections, etc. - past to current)

Organization	Role	Inclusive dates
Critical Access for Health Information	Selected by Dr. Helen Connors long with Victoria Wangia to review grants submitted	2007
National League of Nursing	Member of NLN Task Group Faculty development related to Informatics Competencies	2007

Nursing Informatics Working Group	An active participant in the Nursing Informatics History Project. Chaired the group charged with the solicitation of designated Nursing Informatics Pioneers to submit bio sketches and photographs to be posted to the American Medical Informatics Association web page. Worked with Bonnie Westra to coordinate the Video-taping of designated Nursing Informatics Pioneers at the AMIA symposium (Chicago, IL).	2007 - 2008
Delta / MuMu Chapter Science Pioneers Awards	Judge for the Science Pioneers Awards (April 3)	2008
National League of Nursing	Member of NLN Task Group Faculty development related to Informatics Competencies	2008
Sigma Theta Tau – Delta Chapter	Reviewer for community leader applications submitted to Sigma Theta Tau	2008
McGraw-Hill Publishing	Ad Hoc	2012, 2014

Professional Memberships
Sigma Theta Tau Honor Society of Nursing
American Medical Informatics Association (AMA)
Healthcare Information and Management Systems Society (HIMSS)
Association of Computing Machines (ACM)
Human Factors and Ergonomics Society (HFES)
Texas Nurses Association (TNA)
American Nursing Informatics Association (ANIA)
American Nurses Association (ANA)
Texas Organization of Nurse Executives (TONE)
American Interprofessional Health Collaborative (AIHC)

Institutional Service (past to current)
University of Texas School of Biomedical Informatics

Scholarship and Awards	Member/Convener	2012 – 2013
Student and Alumni Affairs Committee	Member	2012 – 2013
Bylaws Committee	Member	2012 – 2013
Curriculum Committee	Member	2012 – 2013
Interprofessional Education Committee	Volunteer- Non elected Member	2012
Faculty Search Committee	Volunteer-Non elected	2013

Student and Alumni Affairs Committee	Member		2013 – 2015
Curriculum Committee	Member		2013 – 2015
Deans' Honors Colloquium Interprofessional Education (2141DHCIPE): Committee	Member		2013 – 2014
Admission, Progression, Graduation Committee	Member		2016-2018

Community Service (past to current)

HIMSS Nursing Informatics Committee	Member	2009 – 2011
NLN Task Force for Faculty Development in Informatics	Member	6/2009
The Executive for the Texas Health Information Technology Workforce Development Project	Member	2012
AMIA Symposium Scientific Committee	Member	2012
EDWG	Chair	2012 – 2014
NIWG	Secretary	2012
AMIA-NIWG Education Subcommittee	Chair	2013 – Current
Diana Forsythe Award Committee (AMIA)	Member	2012, 2013, 2014, 2015
5th Annual Emerging Technology Planning Committee (Houston, TX)	Member	2013
TNA/TONE Informatics Committee	Member	2013 – Current
HarrisHealth Nursing Scholarship Advisory Board	Member	2013 – 2017
Gulf Coast Nursing Informatics	Member	2013 – Current
IMIA-NI	Institutional Member for UTHSC Houston	2013 - Current
Houston Geriatrics Education Ctr (HGEC)	Member	2014
6th Annual Emerging Technology Planning Committee (Houston, TX)	Member	2014
7th Annual Emerging Technology Planning Committee (Houston, TX)	Member	2015

AMIA Education Committee	Member	2014
TNA District 9 Nominating Committee	Member	2014 – 2015
TNA District 9	Delegate Alternate	2015 – 2016
Zeta Pi Chapter	Counselor	2014 – Current
ANIA Planning Committee (Houston area)	Member	Current
AMIA Nursing Informatics History Committee	Chairperson	Current
Selected for 2nd statewide Nurses on Board Cohort for the Texas Team		2015 - Current

Service/Citizenship (past to current)

Description	Service/Citizenship	Year
Participated in the activities leading up to and including the selection of exemplars for HIMSS 2014.	TIGER	2013
Presentation to approximately 25 students Regarding a career in Nursing	Students at Willowridge H.S.	12/9/13
May 1, 2015 Annual Spring Educational Symposium *Presented by* The UTMB Academy of Master Teachers, the UTHealth Medical School Academy or Master Educators,	Poster judge	2015

External (local, regional, national, international)

Description	Service/Citizenship	Year
Selected by Dr. Helen Connors along with Victoria Wangia to review grants submitted	Critical Access for Health Information Technology	2007
Faculty Development related to informatics Competencies	Member of the National League of Nursing Task Group	2007
An active participant in the Nursing Informatics History Project. Chaired the group with charged with the solicitation of designated Nursing Informatics Pioneers to submit bio sketches and photographs to be posted to the American Medical Informatics Association web page. Worked with Bonnie Westra to coordinate the videotaping of designated Nursing Informatics Pioneers at the AMIA symposium (Chicago, IL)	Nursing Informatics Working Group	2007 – 2008
Judge for the Science Pioneers Awards	Delta/MuMu Chapter Science Pioneers Awards	2008
Faculty Development related to Informatics Competencies	Member of the National League of Nursing Task Group	2008
Reviewer for community leader applications Submitted to Sigma Theta Tau	Sigma Theta Tau - Delta Chapter	2008
Graduate Counselor responsible for coordinating annual Informational Tea for nursing students, graduate students, and community leaders. I was responsible for communicating with community leader applicants.	Sigma Theta Tau - Delta Chapter	2008

External (local, regional, national, international) *cont'd*

Description	Service/Citizenship	Year
Currently working on a panel submission to AMIA regarding workflow, interruptions, and electronic documentation	People and Organizational Issues (POI) Working Group for the American Medical Informatics Association	2009
Coordinating the Nursing Informatics Working Group history project panel submission	American Medical Informatics Associations Annual Symposium	2009
Judge for the Science Pioneers Awards April 2009	Delta/MuMu Chapter Science Pioneers Awards	2009
	Member of Int'l Medical Informatics (IMIA) Working Group Web 2.0 Taskforce	2009
Revising bio sketches submitted. Chairing the group to develop use Cases to utilize the videotapes. Prepared manuscript for panel presentation at the Annual AMIA Symposium	Nursing Informatics Working Group	2009

Professional Development (past to current)

2010   2-Part Quality Matters Course
       Kansas City, KS
2017   AQI training