

JEEYAE CHOI

University of North Carolina Wilmington
School of Nursing
College of Health and Human Services

EDUCATION

Columbia University, School of Nursing, New York, NY.
Doctor of Philosophy (PhD), Nursing Informatics. May, 2006.

Boston University, College of Engineering, Boston, MA.
Master of Science, Computer Systems Engineering. January 1999.

University of Illinois at Chicago, College of Engineering, Chicago, IL.
Bachelor of Science, Electrical Engineering. August 1995.

Seoul National University, College of Nursing, Seoul, Korea.
Bachelor of Science, Nursing. February 1983.

CONTINUING EDUCATION

- Clinical and Translational Science Institute (CTSI) Genomics and Personalized Medicine Conference, December 17, 2012
- Completed the Web-based Genetics Institute, hosted in Cincinnati, Ohio via Internet, provided by Genetic Education Program for nurses of Cincinnati Children's Hospital Medical Center (July 2012 – Nov. 2012)
- Clinical and Translational Science Institute (CTSI) Collaborative Workshop in Milwaukee, WI December 16, 2011

WORK EXPERIENCE

School of Nursing, Univ. of North Carolina Wilmington, Wilmington, NC (August 2016 to Date):
Associate Professor

Clinical and Translational Research Institute, Medical College of Wisconsin, Milwaukee, WI (July 2014 to May 2016)
Adjunct Faculty

Dept. of Computer Science, College of Engineering and Applied Science, Univ. of Wisconsin-Milwaukee, Milwaukee, WI (November 2013 to May 2016):
Adjunct Faculty

Zablocki Veterans Affairs Medical Center, Milwaukee, WI (November 2013 to May 2016):
Adjunct Faculty

College of Nursing, Univ. of Wisconsin-Milwaukee, Milwaukee, WI (June 2011 to May 2016):
Assistant Professor

Brigham & Women's Hospital and Harvard Medical School Boston, MA (Mar. 2008 to Feb. 2009):
Adjunct Faculty, Decision Systems Group

School of Nursing, Univ. of Massachusetts, Amherst, MA (Nov. 2006):
Guest Lecturer

Spaulding Rehabilitation Hospital, Boston, MA (May 2006 to June 2011):
Clinical Informatician, Professional Development

Columbia University, New York, NY (Sep. 2003 to May 2006):
Graduate Research Assistant, Center for Evidence-Based Practice in School of Nursing

Columbia University, New York, NY (Sep. 2002 to Aug. 2003)
Graduate Research Assistant, Department of Biomedical Informatics

Brigham and Women's Hospital and Harvard Medical School, Boston, MA (Jan. 1999 to Jul. 2001):
Research Assistant, Decision Systems Group

Boston University, Boston, MA (Jan. 1997 to May 1999):
Graduate Teaching Fellow, Computer Systems Engineering in College of Engineering

Youville Hospital and Rehabilitation, Cambridge, MA (Jan. 1996 to Jan. 1998):
Staff Nurse, Oncology Unit

Fairmount of Oak Park, Oak Park, IL (Nov. 1991 to Aug. 1995):
Supervisor (Registered Nurse)

Seoul National University Hospital, Seoul, Korea (Mar. 1983 to Jul. 1989):
Charge Nurse in Respiratory Intensive Care Unit

SERVICE

- Editor at Asian Oncology Nursing (AON), Korea (June 2011 to Date)
- Advisor of DNP students at College of Nursing, Univ. of Wisconsin-Milwaukee (UWM), Milwaukee, WI (Sep. 2012 to Date)
- Dissertation Committee Member, UWM (2011)
- Internal Review Board Member at Spaulding Rehabilitation Hospital, Boston, MA (Mar. 2008 to June 2011)

INVITED LECTURER

- Prenatal Genetic Nursing Program in Korea (August, 2013): Topic: Genetic informatics and international genetic nursing trends
- Cancer Genetics in Nursing in Korea: Cancer Genetic Counseling Program for Nurses (June, 2006)
Topic: Informatics in Genetics

CONSULTATION

- Intelligent Search expansion (iSee) and Document Exploration and Visualization Engine (DELVE) project by Department of Biomedical Informatics at University of California San Diego. (May 2015 – June 2015)
- Encoding quality of the hypertension guideline for a clinical decision support system developed by Center for Interoperable Electronic Health Record, Seoul National University College of Medicine, Seoul, Korea (2008)
- Web-based Discharge Instructions Using Pictographs: A Pilot Study by School of Nursing, Univ. of Massachusetts Amherst. (September 2011 – August 2013)

PUBLICATION

Nursing Informatics

1. Kim H., **Choi J.**, Jang I., & Ohno-Machado L. Feasibility of Representing Data from Published Nursing Research Using the OMOP Common Data Model. *AMIA Annu Symp Proc.*, 2017 Feb 10; 715-723.
2. Kim H., Jang I., Quack J., Richardson A., Kim J., & **Choi J.** Explorative Analyses of Nursing Research Data. *Western Journal of Nursing Research*. 2016. Epub ahead of print.
3. **Choi J.** & Choi JE. Enhancing Patient Safety Using Clinical Nursing Data: A Pilot Study. *IOS Press, Stud Health Technol Inform.* 2016; 225:103-107.
4. **Choi J.**, Jansen K., & Coenen A. Modeling a Nursing Guideline with Standard Terminology and Unified Modeling Language for a Nursing Decision Support System: A Case Study. *AMIA Annu Symp Proc.*, 2015 Nov 5; 426-33.
5. **Choi J.**, Lapp C., & Hagle M. Developing a Web-based Nursing Practice and Research Information Management System: A Pilot Study. *Computers, Informatics, Nursing*, 2015, Vol. 33 (9), p410-416.
6. **Choi J** & Kim H. Effectiveness of Interventions Utilized in Genetic Counseling, *Advances in Nursing*, 2014, Vol. 2014 (Available at <http://dx.doi.org/10.1155/2014/725968>)
7. **Choi J** & Choi JE. Representing Nursing Guideline with Unified Modeling Language to Facilitate Development of a Computer System: A Case Study. *IOS Press, Stud Health Technol Inform.* 2014; 201: 181-187.
8. Bakken, S., Jia, H., Chen, E. S., **Choi, J.**, John, R. M., Lee, N.-J., . . . Currie, L. M. The effect of a mobile health decision support system on diagnosis and management of obesity, tobacco use, and depression in adults and children. *The Journal for Nurse Practitioners*, 2014, 10(10), p774-780.
9. Kim H., Chung H., Wang S., Jiang X. & **Choi J.** SAPPIRE: a Prototype Mobile Tool for Pressure Ulcer Risk Assessment. *IOS Press, Stud Health Technol Inform.* 2014; 201: 433-440.
10. Choi JE, **Choi J.** & Kim H. Nurses' interpretation of patient status descriptions on the Braden scale. *Clinical Nursing Research*, 2014, Vol. 23 (3), p335-345.
11. Wang S, Jiang X, Ji Z, El-Kareh R, **Choi J.** & Kim H. "When you can't tell when it hurts" A preliminary algorithm to assess pain in patients who can't communicate. *AMIA Annu Symp Proc.* 2013, p1429-1437.
12. **Choi J.** Designing a Computerized Genomic Information System for Nurses: What are essential components? *AMIA Annu Symp Proc* 2013 (Poster presentation).
13. **Choi J** & Kim H. Enhancement of Decision Rules to Increase Generalizability and Performance of the Rule-Based System Assessing Risk for Pressure Ulcer. *Applied Clinical Informatics*, 2013, Vol. 4 (2), p251-266.
14. **Choi J.** Exploring the Possibility of Modeling a Genetic Counseling Guideline Using Agile Methodology. *IOS Press, Stud Health Technol Inform.* 2013; 192:1200. (Medinfo 2013: Proceedings of the 14th World Congress on Health (Medical) Informatics, Copenhagen, Denmark).

15. **Choi J** & Kim H. Developing a Computer Interpretable Guideline with Nursing Knowledge: A Pilot Study of a Pressure Ulcer Risk Assessment and Prevention. *Online Journal of Nursing Informatics*, 2013, Vol. 17 (1) (Available at <http://ojni.org/issues/?p=2393>).
16. Bakken S, Chen E, **Choi J**, Jia H, John R, Lee N, Mendonca E, Roberts D, Velez O, & Currie L. mHealth Decision Support System for Guideline-based Care: An RCT, AMIA Annu Symp Proc 2012 (Podium Presentation).
17. **Choi J** & Kim H. A Workflow Oriented Framework (WOF) driven Implementation and Local Adaptation of Clinical Information Systems: A case study of nursing documentation system implementation at a tertiary rehabilitation hospital. *Computers, Informatics, Nursing*, 2012, Vol. 30 (8), p409-414.
18. Bakken S & **Choi J**. Formal Nursing Languages, *Encyclopedia of Nursing Research*, Editor, Joyce Fitzpatrick, 3rd Edition, 2012, p191-195.
19. **Choi J**, Choi JE, & Kim H. Developing a Computer Interpretable Guideline with Nursing Knowledge: A Case Study of a Pressure Ulcer Risk Assessment and Prevention Guideline at Spaulding Rehabilitation Hospital. 11th International Congress on Nursing Informatics, Montreal, Canada, 2012 (Abstract).
20. **Choi J**, Choi JE, & Fucile JM. Power up your staffing model with patient acuity. *Nursing Management*, 2011, Vol. 42 (9), p40-43.
21. Choi JE, **Choi J**, & Kim H. A Survey on Nurses Interpretations on the Braden Scale Parameters. AMIA Annu Symp Proc 2011 (Abstract).
22. Kim H, **Choi J**, Secalag L, Dibsie L, Boxwala A, & Ohno-Machado L. Building an Ontology for Pressure Ulcer Risk Assessment to Allow Data Sharing and Comparisons Across Hospitals. AMIA Annu Symp Proc 2010; 2010: 382-386.
23. Kim H, **Choi J**, Thompson S, Meeker, L, Dykes P, Goldsmith D, & Ohno-Machado L. Automating pressure ulcer risk assessment using documented patient data. *International Journal of Medical Informatics*. 2010, Vol. 79(12), p840-8.
24. **Choi J**. Refinement of a Framework for Effective Implementation and Local Adaptation of Health Care Systems. American Nursing Informatics Association Annual Conference, Boston, MA, April, 2010 (Abstract).
25. Kim H, Dykes P, Mar P, Goldsmith D, **Choi J**, Goldberg H. Towards a standardized representation to support data reuse: representing the ICNP semantics using the HL7 RIM. *IOS Press, Stud Health Technol Inform*. 2009; 146: 308-313.
26. **Choi J**, Schuster L, Frost D, & LaRocca AM. Exploring the Encodability of Comprehensive Discharge Information with the Unified Modeling Language. *IOS Press, Stud Health Technol Inform*. 2009; 146:789.
27. Dykes PC, Kim H, Goldsmith DM, **Choi J**, Esumi K, & Goldberg HS. The Adequacy of ICNP Version 1.0 as a Representational Model for Electronic Nursing Assessment Documentation. *JAMIA*, 2009, 16(2):238 –246.
28. **Choi J**, & Choi JE. A Framework for Effective Implementation and Local Adaptation of Decision Support Systems. AMIA Annu Symp Proc 2008, Nov 6;907.
29. Goldsmith DM, Kim H, **Choi J**, Goldberg HS, Dykes PC. Representing Nursing Assessment Documentation with ICNP. AMIA Annu Symp Proc 2008, Nov 6;954.
30. **Choi J**, Currie L, Wang D, & Bakken S. Encoding a Clinical Practice Guideline Using Guideline Interchange Format: A Case Study of a Depression Screening and Management Guideline. *International Journal of Medical Informatics*, 2007, Vol. 76, p S302-S307.
31. Lai T, **Choi J**, Sapp J, Velez O, Currie L, & Bakken S. Applying Tailoring Techniques for the Development of Consumer-focused and Clinician-focused Adult Depression Management Systems. *Medinfo 2007: Proceedings of the 12th World Congress on Health (Medical) Informatics*, Brisbane, Australia.
32. Bakken S, Chen E, **Choi J**, Currie LM, Lee NJ, Roberts WD, Soupios M. Mobile decision support for advanced practice nurses. *Stud Health Technol Inform*. 2006;122:1002.

33. Bakken S, Jenkins M, **Choi J**, Hyun S, John R, Joyce M, Lee NJ, Roberts WD, Soupios M. Usefulness of a personal digital assistant-based advanced practice nursing student clinical log: Faculty stakeholder exemplars. *Stud Health Technol Inform.* 2006;122:698-702
34. **Choi J** & Bakken S. Comparison of Primary Care Expert and Computer-Interpretable Depression Screening Guideline Recommendations. *AMIA Annu Symp Proc* 2006; 2006:887.
35. **Choi J** & Bakken S. Formal Nursing Languages, *Encyclopedia of Nursing Research*, Editor, Joyce Fitzpatrick, 2nd Edition, 2006, p215-219.
36. **Choi J** & Bakken S. Creation of a Gold Standard for Validation of a Computer-Interpretable Depression Screening Guideline. *IOS Press, Stud Health Technol Inform.* 2006; 122: 95-99.
37. **Choi J**, Sapp J, & Bakken S. Encoding a Depression Screening Guideline Using GLIF. *IOS Press, Stud Health Technol Inform.* 2006; 122: 905.
38. **Choi J**, Lussier YA, Mendonça EA, & Bakken S. Improving the Human Readability of Arden Syntax Medical Logic Modules Using a Concept-oriented Terminology and Object-oriented Programming Expressions. *Computers, Informatics, Nursing.* 24(4):220-225, July/August 2006.
39. **Choi J**, Boccuzzi N, & Bakken, S. Automated Depression Screening System in Primary Care Setting. *ENRS 2005 Annual Conference (Abstract).*
40. **Choi J**, Lussier YA, & Mendoca EA, Bakken, S. Arden Syntax for MLMs: Implications for Automating Nursing Guidelines. *14th Annual Summer Institute in Nursing Informatics 2004 Annual Conference (Abstract).*
41. **Choi J**, Lussier YA, & Mendoca EA. Adapting current Arden Syntax knowledge for an object oriented event monitor. *AMIA Annu Symp Proc* 2003; 2003:814.
42. **Choi J** & Boxwala A. Representing domain-level knowledge components using primitives. *AMIA Annu Symp Proc* 2001; 2001:879.

Nursing

1. Dressel A, Glass L., Jun M, & **Choi, J.** (2016). U.S. influence responsible for S. Korea's nurses. *Army Magazine*, 66(5), 64-66. (Note: the work of Lt. Col. Harriet H. Werley who was Chief Nurse of the U. S. Eighth Army in Seoul is discussed).
2. **Choi J.** Tasks of Korean Society of Genetic Nursing (KSGN): How can we accomplish collaborative genetic services with other disciplines? 25th Annual International Society of Nurses in Genetics Conference, Oct 26-27, Philadelphia, PA 2012; Podium presentation.
3. **Choi J**, Schuster L, Eckler M, Frost D, & LaRocca A M. Implementation of a Comprehensive System to Reduce Use of Restrictive Restraints and Fall Rates. *NDNQI Data Use Conference 2009; Abstract.*
4. **Choi J**, Schuster L, LaRocca A M, & Frost D. The Effects of Nurses' Workload on Patient Falls in a Rehabilitation Hospital. *ENRS 2007 Annual Conference; Abstract.*
5. Han S, Hur H, Buckle J, **Choi J**, & Lee M. Effect of Aromatherapy on Symptoms of Dysmenorrhea in College Students: A Randomized Placebo-Controlled Clinical Trial. *Journal of Alternative and Complementary Medicine* 2006: 12(6): p535-542.

TEACHING EXPERIENCES

University of North Carolina Wilmington, School of Nursing

- Fall 2016: NSG 415 – Nursing Research (RN-BSN online program)
- Spring 2017: NSG 415 – Nursing Research (RN-BSN online program)

University of Wisconsin-Milwaukee, College of Nursing

- Spring 2016: N453 – Information Management and Healthcare Technology (Statewide RN to BSN at Home online program)
- Fall 2015: NURS 706 – Clinical Outcomes Management and Information Systems
- Fall 2015: NURS 251 – Genetics and Genomics in Healthcare (Online program)
- Spring 2015: N453 – Information Management and Healthcare Technology (Statewide RN to BSN at Home online program)

- Fall 2014: NURS 706 – Clinical Outcomes Management and Information Systems
- Fall 2014: N453 – Information Management and Healthcare Technology (Statewide RN to BSN at Home online program)
- Spring 2014: NURS 440 – Genetics and Genomics Nursing
- Spring 2014: CNP434 - Introduction to Nursing Research (Statewide RN to BSN at Home online program)
- Fall 2013: NURS 706 – Clinical Outcomes Management and Information Systems
- Fall 2013: CNP434 - Introduction to Nursing Research (Statewide RN to BSN at Home online program)
- Spring 2013: CNP434 - Introduction to Nursing Research (Statewide RN to BSN at Home online program)
- Fall 2012: CNP434 - Introduction to Nursing Research (Statewide RN to BSN at Home online program)
- Spring 2012: CNP434 - Introduction to Nursing Research (Statewide RN to BSN at Home online program, A lead professor)
- Fall 2011: CNP434 - Introduction to Nursing Research (Statewide RN to BSN at Home online program)

RESEARCH PROJECTS EXPERIENCES

- **Developing a Pain Management Mobile Application for Cancer Patients on Android based Smart Phones: Usability Study (Corbett Charitable Trust Research Award, PI, Dec. 2016 – Sept. 2017):** Purpose of this usability study is to develop a comprehensive pain management application on Android based smartphones for patients to use outside of the healthcare setting.
- **Web-based Medication Management System for the Community-Dwelling Adults: A Usability Study (Harriet Werley Research Award, PI, Sept. 2014 – Mar. 2015):** This study is to explore the feasibility of using a web application to facilitate nurses to identify actual or potential medication management problems and to target individualized interventions to improve outcomes for older adults living in the community.
- **Developing a Nursing Practice and Research Information Management System: A Pilot Study (Startup fund, PI, Sept. 2013 – Dec. 2014):** A well-functioning Health Information System (HIS) is indispensable to nurses and other care providers. However, HISs are rarely designed and built to capture clinical nursing data to support evidence-based practice, research, or quality improvement efforts. As a potential solution, this pilot study developed a prototype Nursing Practice and Research Information Management System (NPRIMS) to capture nursing data and measure performance of nursing care provided and patient outcomes.
- **Skin Assessment for Pressure ulcer Prevention: Integrated Recording Environment (SAPPIRE) (a challenge from the Office of the National Coordinator for Health Information Technology, July 2013):** SAPPIRE is an Android-based mobile application that supports recording of assessment data conforming to the relevant terminology and information models, exchanging and integrating data in Continuity of Care Records standard, and displaying patient data relevant to specific risk parameters to promote more accurate pressure ulcer risk assessment with the Braden Scale.
- **Data Acquisition at Aurora Health Care: A Report (Sept. 2011 – May 2012):** Through trial and errors, a Knowledge Based Nursing Initiative data extracting method for analysis, which is considered as the best in current health information system at Aurora Health care, is identified. This report describes how this method works, limitations of use, and future plans for analysis.
- **Validation and Enhancement of the Braden Risk Assessment Automated Tool (BRAAT) (Partners Siemens Research Council, PI, 8/1/2010-7/31/2011):** A prototype of the BRAAT was recently

developed for data reuse and efficient documentation. Although this system implied that algorithmic determination of pressure ulcer using patient data documented by nurses was possible and promising, results indicate that rules of the BRAAT is needed to be refined further and validated for generalizability. In this study, the BRAAT was enhanced and validated in a large health care setting.

- **Exploring reusability of the documented data for pressure ulcer risk assessment to improve documentation quality and efficiency (Partners HealthCare, Co-I, 10/1/2008 – 11/30/2009):** This study developed a prototype tool that automatically determines the pressure ulcer risk using data routinely documented in the current paper-based records of the Brigham & Women’s Hospital.
- **Data Modeling Study: The Adequacy of Evolving Information Models to Support Sharing and Reuse of Nursing Observations Across Heterogeneous Clinical Systems (Partners HealthCare, Co-I, 4/1/2007 – 3/31/2008):** Evaluating the adequacy of three evolving information model standards for leveraging term sets across standard vocabularies to support a nursing observation use cases from across the continuum of care at Partners. Nursing terminologies were evaluated with respect to their expressiveness and flexibility for representing nursing observation concepts within the information models. Findings were translated into a set of recommendations for model extension to support clinical documentation and to link organization specific data with the standard information models.
- **Development and Evaluation of a Computer-Interpretable Guideline for Depression Screening and Initial Management in Primary Care (Dissertation, 2006):** Clinical practice guidelines (CPGs) are designed to improve the quality of care by promoting proven interventions and consistency of care. The overall goal of this study was to develop a web-based decision support system for depression screening and initial management that would be perceived as easy to use and potentially useful by system end-users (Advance Practice Nurses). Translation of a CPG into a computer-interpretable guideline was an essential step.
- **Mobile Decision Support for APNs (MODS-APNs):** Developing a computer-interpretable guideline for depression screening in the primary care setting. Clinical practice guidelines (CPGs) are a significant source of evidence, but studies indicate that frequently clinicians either do not adhere to CPG recommendations or fail to document CPG-based care. Informatics tools that integrate CPGs into point of care documentation have demonstrated the improved adherence to recommendations, but for the most part these tools have been integrated into desktop rather than mobile systems. The overall goal of this project is to determine if mobile decision support improves adherence to selected CPG recommendations.
- **Vigilens Project (Columbia University):** Developing a model that can improve curly braces problem using Java. In a process of adapting the current Medical Logic Modules for an object-oriented event monitor in New York Presbyterian Hospital (NYPH), two problems that may influence the “curly braces” were identified. The purpose of the project is to solve these problems while replacing multi-coded Medical Entity Dictionary code to class-based ones and mapping cryptic query expressions to Java methods.
- **GLIF Authoring Environment Project (Medical Informatics at Harvard Medical School and Brigham and Women’s Hospital):** Developing an advanced guideline-authoring tool using the Unified Modeling Language and implemented using in Swing components in Java. This team project is based on GLIF (Guideline Interchange Format).
- **Software Engineering Project (Boston University):** Developed a medical data delivery software system for health care providers using Java. (A semester-length project composed of two members. Designing and implementing a server for the system was my part.)

- **Advanced Data Structures (Boston University):** Developed a software system ("The ImmuTrack System") using Java, tracking children's immunization records for parents and health care provider. (A semester team project composed of two members. Design and implementation of the GUI was my part.)
- **Software Architecture (Boston University):** Developed a Traffic Control System using ObjecTime. (A semester team project composed of two members. Top to detailed level of design of the system developed by all members.)
- **Multimedia (Boston University):** Designed a groupware for a small business company. (A semester team project composed of 3 members. Specifications and requirements of the software developed by all members.)
- **Software System Design (Boston University):** Developed an Automated Bank Transaction System using ObjecTime. (A semester project composed of 5 members. Designing top-level design of the system was my part. Detailed level design, GUI layout, implementing in C language, writing a report were on others.)
- **Local Area Networks (Boston University):** Developed an automatic token recovery protocol using Assembly language. (A single member semester project.)
 - **Senior Design Project (University of Illinois):** Identified an upper arm EMG signal to derive a reliable multifunctional control signal. (Two-semester team project composed of two members. Constructing hardware was my part.)

PRESENTATIONS

- Kim H., **Choi J.**, Jang I., & Ohno-Machado L. Feasibility of Representing Data from Published Nursing Research Using the OMOP Common Data Model. AMIA Annu Symp Proc 2017 (Peer review, Informatics audience, Paper, International)
- **Choi J.**, Choi JE. Enhancing Patient Safety Using Clinical Nursing Data: A Pilot Study, the 13th International Congress on Nursing Informatics, June 2016, Geneva, Switzerland, (Peer review, Informatics audience, Paper, International)
- **Choi, J.**, Jansen K, & Coenen, A. Modeling a Nursing Guideline with Standard Terminology and Unified Modeling Language for a Nursing Decision Support System: A Case Study. AMIA Annu Symp Proc 2015 (Peer review, Informatics audience, Paper, International).
- **Choi J.**, Choi JE. Representing Nursing Guideline with Unified Modeling Language to Facilitate Development of a Computer System: A Case Study, the 12th International Congress on Nursing Informatics, June 2014, Taipei, Taiwan, (Peer review, Informatics audience, Paper, International)
- Jansen K, Coenen, A, & **Choi, J.** A Web-Based Resource for Medication Management of the Community-Dwelling Older Adult. AMIA Annu Symp Proc 2014 (Peer review, Informatics audience, Podium, International).
- **Choi J.** Designing a Computerized Genomic Information System for Nurses: What are essential components? AMIA Annu Symp Proc 2013 (Peer review, Informatics audience, Poster, International).
- **Choi J.** Exploring the Possibility of Modeling a Genetic Counseling Guideline Using Agile Methodology, the 14th World Congress on Medical and Health Informatics (MedInfo) 2013, Copenhagen, Denmark, (Peer review, Informatics audience, Poster, International).
- **Choi J.** Tasks of Korean Society of Genetic Nursing (KSGN): How can we accomplish collaborative genetic services with other disciplines? 25th Annual International Society of Nurses in Genetics

Conference, Oct 26-27 2012, Philadelphia, PA (Peer review, Genetic nurse audience, Podium, International).

PROJECTS AT SPAULDING REHAB HOSPITAL

- MediTech Information System coordinator (August 2009 to June 2011)
- QuadrMed, acuity system, coordinator and system administrator (May 2006 to June 2011)
- Project manager & System administration: A scheduling system, One-Staff, implementation (July 2006 to June 2011)
- Project manager: A wristband project for EMAP system (February 2007 to June 2011)
- Project manager: Medilinks Documentation System implementation project (February 2007 to June 2011)
- Leading researcher in Nursing Dept. of Spaulding Rehabilitation Hospital (June 2006 to June 2011)

ACHIEVEMENTS AND ACTIVITIES

- A member of Oncology Nursing Society
- A member of American Medical Informatics Association
- A member of Sigma Theta Tau Honor Society
- "Boston University Women's Scholarship" Awarded for Good Academic Performance
- University of Illinois Honor Roll, Tau Beta Pi and Korean Student Club
- "The Korean Honor Scholarship" Awarded for Good Academic Performance
- "Scholarship Association Awards 1992" Awarded for Honoring Academic Excellence
- Volunteer at Korean Self Help Center
- 2006 - 21st Century Achievement Award for Education & Academia, Computerworld Honors Program, Columbia University School of Nursing Nurse Practitioner PDA Project, Team Member
- Bronze Award on paper presentation of "Creation of a Gold Standard for Validation of a Computer-Interpretable Depression Screening Guideline." 9th International Congress on Nursing Informatics, 2006, Seoul, Korea
- The Harriet Werley Award on paper of "Building an Ontology for Pressure Ulcer Risk Assessment to Allow Data Sharing and Comparisons Across Hospitals." AMIA Annu Symp Proc 2010, Washington DC, USA

Citizenship: U.S. citizen