Curriculum Vitae

Name: Dan Li

Education and Training

Undergraduate

1997-2001	Shenyang University, Shenyang, P. R. China	BSME
1997-2001	Northeastern University, Shenyang, P. R. China	BSc CIS
2006-2007	University of Miami, School of Nursing, Miami, USA	BSN

Graduate

2008-2013	University of Miami, School of Nursing, Miami, USA	Ph.D

Appointments and Positions

Academic

2014-current	University of Pittsburgh, School of Nursing Pittsburgh, USA	Assistant Professor & Interim Coordinator
2011-2012	University of Miami, School of Medicine Miami, U.S.A	Research Nurse

Non-Academic

2007-2008	North Shore Medical Center, Miami, U.S.A	RN, Staff nurse
2001-2003	XinFei Electric Company, Shenyang, P.R.China	Data Scientist

Membership in Professional and Scientific Societies

2008-	Member, Sigma Theta Tau International Honor Society of Nursing
2015-	Member, American Medical Informatics Association
2015-	Member, American Nurses Association
2016-	Member, Healthcare Information and Management System Society (HIMSS)
2016-	Member, American Nursing Informatics Association
2016-	Member, Healthcare Information and Management Systems Society
2017-	Member, Wound, Ostomy, Continence Nurses Society
2017-	Member, Marquis Who's who

Honors

1997-2001	Honors Student Fellowship, Shenyang University, Shenyang, P.R. China
2008-current	Sigma Theta Tau International Honor Society

Publications

Refereed Articles   * = Data Based
1. *** Li, D**., & Korniewicz, D. M. (2013). Determination of the effectiveness of electronic health records to document pressure ulcers. *Medsurg Nursing, 22*(1), 17-25.
2. ***Li, D.** (2016). The relationship among pressure ulcer risk factors, incidence and nursing documentation in hospital-acquired pressure ulcer patients in intensive care units. *Journal of Clinical Nursing*, *25*(15-16), 2336-2347. doi:10.1111/jocn.13363
3. *** Li, D**., & Mathews, C. (2017). Automated measurement of pressure injury through image processing. *Journal of Clinical Nursing*, doi:10.1111/jocn.13726
4. **Li, D,** Henker, RA, Zhang, F (in press). Perianesthesia Measurement during Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy Procedure: a Case Report and Review of Literature. *Journal of PeriAnesthesia Nursing*
5. *** Li, D**., Mathews, C, & Zhang, F (in press). The Characteristics of Pressure Injury Photographs from the Electronic Health Record in Clinical Settings. *Journal of Clinical Nursing*

Published Abstracts
1. **Li, D**. (2015). The relationship between nursing documentation in EHR and the incidence of pressure ulcers in the intensive care units (ICUs) [Abstract]. Oral session presented at 25th Annual Summer Institute in Nursing Informatics Conference: Realizing the Benefits: Health Care and Information Technology (SINI 2015), Baltimore, MD.
2. **Li, D.,** & Mathews, C. (2017). Outstanding Research—Podium: The Characteristics of Pressure Injury Photographs From the Electronic Health Record in Clinical Settings. CIN: Computers, Informatics, Nursing, *35*(9), 443.

Research

Principal Investigator: Dan Li
1. Funding Agency and Grant Number: **American Nurses Foundation**
    Title of Grant: Automated Pressure Ulcer Information Retrieval through Image
    Processing Technologies
    Years Inclusive and Percent Effort: 09/01/2015-08/31/2017; 20%
    Total Amount of Award: *$8706 (Direct Costs)*

2. Funding Agency and Grant Number: **University of Pittsburgh Central Research Development Fund (CRDF)**
    Title of Grant: Predictive Modeling for Anesthesia Outcomes of Cytoreductive Surgery with Hyperthermic Intraperitoneal Chemotherapy (CRS+HIPEC) from
    Electronic Health Record via Machine Learning Algorithms
    Years Inclusive and Percent Effort: 7/31/2016 – 6/30/2018; 20%
    Total Amount of Award: *$16,000 (Direct Costs)*

Co- Investigator
    Principal Investigator and Institution: Julia Driessen, Graduate School of Public Health at the University of Pittsburgh
    Funding Agency and Grant Number: **AHRQ PA-15-339 R01**
    Title of Grant: Adoption, Use, and Impact of Telemedicine for Reducing Potentially Avoidable Hospitalizations in Nursing Homes
    Years Inclusive and Percent Effort: 12/1/2016 - 11/30/2019, 5%

Total Amount of Award*: Pending*

Other Scholarly Activities
Manuscript Reviewer
2015-Current   Journal of Wound, Ostomy and Continence Nursing
2017-Current   BMJ Open
2017-Current   IEEE Transactions on Medical Imaging
2017-Current   The Open Nursing Journal

Consultation
  2015   Patent review: Pitt Ref No.: 03652 Technology
                      Title: PUMP - Pressure Ulcer Monitoring Platform

Unpublished Presentations
International:
1. **Li, D**. (2008). *Concept Analysis: Simulation in Nursing Education.* Poster session presented at 20th International Nursing Research Congress Focusing on Evidence-Based Practice, Vancouver, British Columbia, Canada.

National:
2. **Li, D**., & Mathews, C. (2017). *Automated Measurement of Pressure Injury/Ulcer through Image Processing*. Poster session presented at the WOCN Society's 49th Annual Conference, Salt Lake City, UT.
3. **Li, D**., & Mathews, C. (2017). *Pressure Injury Measured from Digital Clinical Photographs Using Image Processing Technology.* Poster session presented at American Nursing Informatics Association 2017 Conference, New Orleans, LA
4. **Li, D**. (2015). *The Relationship between Nursing Documentation in EHR and the Incidence of Pressure Ulcers in the Intensive Care Units (ICUs).* Oral session presented at 25th Annual Summer Institute in Nursing Informatics Conference: *Realizing the Benefits: Health Care and Information Technology* (SINI 2015), MD
5. Baltimore, Porteous, H., Manjarrez, E., Laboon, A., Gonzalez, A., Cutting, W., Shah, N., Cordova, C., **Li, D**., & Meneghini., L. (2012). *The impact of hospitalists and insulin order sets on glycemic control and clinical outcomes on hospitalized patients at a regional cancer center.* Poster session presented at the Florida Chapter 2012 Associates meeting of American College of Physicians, Orlando, FL.
6. Schwartz, P.H., Kalidindi, V., **Li, D.,** & Jaffer, A.K. (2012). *The practice and utility of daily CBCs on hospitalized patients.* Poster session presented at the annual meeting of Society of Hospital Medicine, San Diego, CA.
7. Zuleta, J., **Li, D**., & Jaffer, A. K. (2012). *Hospital medicine full circle: impact of incorporating housestaff into a productive non-teaching hospitalist group*. Poster session presented at the annual meeting of Society of Hospital Medicine annual, San Diego, CA.

Local:
8. **Li, D**., & Korniewicz, D. M. (2010). *Pressure Ulcer Documentation: Comparison between Medical Record (EMR) and Paper-based Record: A Pilot Study.* Oral session presented at 4th Annual South Florida Research Consortium Conference, Miami, FL.

<h1 style="text-align:center"><u>Teaching</u></h1>

Mentoring Activities
1. **Informatics Practicum**
   - Ryan, Malgorzata Anna, practicum mentor, 2014 fall, project title: Implementation of Cerner's eQuality Check in Concurrent Collection of Clinical Core Measure Data
   - Ryan, Malgorzata Anna, practicum mentor, 2015 spring, project title: The Human Factors Evaluation and Comparison of Three Different Models of External Defibrillators: Medication education and patient safety (MEPS) (research proposal)
   - Steven Wetherill, practicum mentor, 2014 fall, project title: CareCompass: overview and Survey Results
   - Steven Wetherill, practicum mentor, 2015 spring, project title: Transition of Care
   - Colleen Tipping, practicum mentor, 2014 fall, project title: Design and implementation of a standardized maternal and newborn product for electronic medical record documentation: Cerner Powerchart maternity's gestation at Magee-Women's Hospital at UPMC
   - Danielle Siarri, practicum mentor, 2015 summer, project title: UA testing for gaps in care
   - Danielle Siarri, practicum mentor, 2016 spring, project title: Precertification Spinal Surgery Project
   - Ran Sun, practicum mentor, 2016 summer, project title: Is there an association between patient mobility level and discharge location?
   - Warren Ward, practicum mentor, 2016 spring, project title: Cerner Bridge Transfusion
   - Sheri Walker, practicum mentor, 2016 fall, project title: Reducing Errors in Lab Specimen Labeling: A Workflow Assessment of Workarounds
   - Nickolai Stefko, 2016 fall, project title: Design considerations of Infusion Interoperability: Streamlining EHR and Infusion Pump Functionality
2. **Undergraduate Mentorship**
   - Jasmine Brown and Zijing Chen (URMP), undergraduate research mentorship, 2015 fall-Current, Automated Pressure Ulcer Information Retrieval Through Image Processing Technologies
   - Alyssa Miranda, undergraduate research mentorship, 2017 fall-Current, Predictive Modeling for Anesthesia Outcomes of Cytoreductive Surgery with Hyperthermic Intraperitoneal Chemotherapy (CRS+HIPEC) from Electronic Health Record via Machine Learning Algorithms

<h1 style="text-align:center"><u>Service</u></h1>

University Committees
06/2015—03/2016   Education & Curriculum Committee   member
Purpose: to develop a new academic unit at University of Pittsburgh focusing on computing and information.

School Committees
08/2014—08/2015   BSN council   member
08/2014—current   MSN council   member
08/2014—current   Department meeting   member
08/2014—current   School-wide curriculum committee   member
08/2014—current   Total faculty meeting   member

Other Professional Activities
08/2014—current   UPMC System Informatics Council   member
Purpose: to discuss the current technology used in the UPMC system
06/2017—current   UPMC wound care nurse Council   member
Purpose: to discuss the issues and provide update on wound care in the UPMC system