

**CURRICULUM VITAE**

Yuh-Fong Hong  
 The University of Texas Health Science Center at Houston  
 School of Nursing  
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**EDUCATION (highest level first)**

Degree	Institution (location)	Date
Ph.D.	The University of Texas at Austin, Science Education Center, Austin, Texas Dissertation: The impact of teachers' approaches to teaching and students' learning styles on students' approaches to learning in college online biology courses.	2005
Ph.D.c	University of Nebraska Lincoln, School of Biological Science, Lincoln, Nebraska, Study focus: Identifying membrane glycoproteins that influence phagocytosis.	1997
M.S.	Pittsburg State University, Department of Biology, Pittsburg, KS Thesis: Cloning and sequencing of the lux operon of <i>Vibrio Fischeri</i>	1994
B.S.	Kaohsiung Medical University, Department of Medical Technology, Kaohsiung, Taiwan	1991

**CERTIFICATE**

		Date
Applied Health Informatics	University of Texas Health Science Center at Houston, School of Biomedical Informatics	2013
Radiation Safety Certification	University of Nebraska-Lincoln, School of Biological Sciences	1994-1997

**PROFESSIONAL EXPERIENCE** (Current to Past)

Institution	Position title	Inclusive Dates
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The University of Texas Health Science Center at Houston, School of Nursing, Houston, Texas.	Assistant professor	2004 - Present
University of Nebraska Medical Center College of Nursing	Consultant for Health Promotion Project	1996 - 2004
The University of Texas at Austin School of Nursing	Teaching assistant	1997-2003
University of Nebraska Lincoln, School of Biological Sciences	Teaching/Research Assistant	1995-1997
Pittsburg State University	NSF in-service teacher workshop assistant	1993
Kaohsiung Medical University Teaching Hospital	Clinical Medical Technologist	1990-1991

### **HONORS & AWARDS** (current to past)

- International Programs Award University of Texas HSC at Houston 2007
- International Student Fellowship Pittsburg State University 1993

### **GRANTS**

#### **Educational Grants**

- Title: Advancing Nursing Diversity through Financial, Academic, and Social Support (ANDFAST). Grant source: HRSA: Nursing Workforce Diversity Program. PI: Marie McBee. Role: Develop and teach scholarship preparation, computer skills and information literacy courses for under-prepared students (submitted on Nov. 2016).
- Title: Using Digital Technology to Learn, Instruct, and Communicate (D11HP09754-01). Grant source: HRSA. Major role was to participate designs, development and revision of 10 nursing informatics fundamental modules and interpretation of test score and feedbacks for product revision (PI: Renae Schumann, Ph.D.). Amount: \$747, 217. Date: July 1, 2008 — June 30, 2012

## **PUBLICATIONS**

- **Hong, Y.-F.** (2016). Integrating informatics and technology in nursing residency program [Abstract]. *Journal of Health and Medical Informatics*, 7(Suppl. 5), 24. doi: 10.4172/2157-7420.C.012
- **Hong, Y.-F., Snow, F., & McEwen, M.** (2020). Development and evaluation of an online instructional design courses for nursing educators. *Journal of Nursing education* (In Review)

## **PRESENTATIONS**

### **International** (Current to Past)

- **Hong, Y.-F.** (Oct. 2016). Integrating Informatics and Technology in Nursing Residency Program. 4<sup>th</sup> International Conference on Medical Informatics & Telehealth. London, UK.
- **Hong, Y.-F.** (March 28-29, 2016). Lectures on Nursing Informatics, Health Technology, and Information Management. Kaohsiung Medical University and Chung-Ho Memorial Hospital, Kaohsiung, Taiwan (Invited Speaker).
- **Yu, E. & Hong, Y.-F.** (April 18-19, 2013). Genetics and Genomics in Nursing: From Base Pairs to Bedside Practice. Translational research conference, Taipei Medical University, College of Nursing, Taipei, Taiwan (Invited Speaker).
- **Hong, Y.-F.** (2009). An Online Computer and Informatics Master Course: Essential or Redundant. The 25th Annual Conference on Distance Teaching and Learning, Madison, Wisconsin.
- **Hong, Y.-F.** (2008). Nursing Informatics: Past, Today and Tomorrow, Taipei Medical University, Taiwan (Invited Speaker).
- **Hong, Y.-F.** (2006). Multimedia-oriented Online Modules in a Nursing Research Course. The 22nd Annual Conference on Distance Teaching and Learning, Madison, Wisconsin.

### **National** (Current to Past)

- **Hong, Y.-F., & Yu, E.** (2020). *Using microlearning to integrate informatics and technology competencies in a nurse residency program*. NLN Education Summit 2020. <https://summit.nln.org/>
- **Hong, Y.-F., & Yu, E.** (2019). *Instructional Design for Developing a High-quality Online Course*. NLN Education Summit 2019. National Harbor, MD
- **Hong, Y.-F., & Yu, E.** (2018). *Utilizing Big Data in Graduate Student Research Project: Strategies, Challenges, and Recommendations*. AACN Master's Education Conference, 2018. Garden Grove, CA
- **Hong, Y.-F., & Yu, E.** (2018). *Integrate Big Data Concepts in Graduate Student Research Projects: Gaps, Results, and Recommendations*. SNRS Conference, Atlanta, GA.

- Singleton, L., & **Hong**, Y.-F. (2017). *Care Quality of Self-Pay Patients in Primary Care: Investigation of Provider Time and Services Ordered*. SNRS, Dallas, TX.
- Meyer, M., & **Hong**, Y.-F. (2017). Screening for Depression in Patients with Chronic Kidney Disease. SNRS, Dallas, TX.
- **Hong**, Y.-F., & Yu, E. (2016). Effects of Test-enhanced Learning on Student Learning Outcome: Polite Study SNRS, Williamsburg, VA.
- Collins, P., & **Hong**, Y.-F. (2016). Challenges and Concerns of Using EHRs: Nursing Students' Perspectives. SNRS, Williamsburg, VA.
- Yu, E., & **Hong**, Y. -F. (2015) The Predicting Value of Admission Criteria on First Semester Success in an Accelerated BSN Program. American Association of College of Nursing Conference- Baccalaureate Education Conference, Orlando, FL.
- **Hong**, Y.-F., & Yu, E. (2011). Development and Evaluation of a Genetic Course for Practicing Nurses. 2nd Annual NYP Research Conference, New York, NY.
- **Hong**, Y.-F., & Yu, E. (2011). Innovative Design of Mobile Learning in Nursing Education: Development, Considerations and Students' Perceptions. American Association of College of Nursing Conference- Hot Issue Conference, Baltimore, MD.
- **Hong**, Y.-F. (2010). The Impact of a Condensed Course Design on Student Learning Outcomes in an accelerated Baccalaureate Nursing Program: A Case Study. American Association of College of Nursing Conference- Baccalaureate Education Conference, Orlando, FL.
- Yu, E., & **Hong**, Y.-F. (2009). Use Electronic Health Record to Enhance Student Learning. American Association of College of Nursing Conference- Hot Issue Conference, Utah.
- **Hong**, Y.-F. (2008). Development and Evaluation of an Online Computer and Information Course in Nursing Curriculum. American Association of College of Nursing Conference- Master Education Conference. Newport Beach, CA.
- Yu, E., & **Hong**, Y.-F. (2006). Evaluating Students Perceptions of Use of Simulations in Nursing Curriculum. American Association of College of Nursing Conference, Orlando, FL.
- **Hong**, Y.-F. (2000). Effectiveness of Online Supplemental Instruction. National Association for Research in Science Teaching. New Orleans, LA.

#### **Regional/State** (Current to Past)

- **Hong**, Y.-F., Snow, F. & McEwen, M. M. (2020). Development and Evaluation of an Evidence-based Instructional Design Course for Online Teaching Using the ADDIE Model. The 2020 Innovations in Health Science Education Annual Conference, Austin, TX
- Christopherson, K., **Hong**, Y.-F., & Cole, L. (2019). Multimodal Process of Graduate Online Course Evaluation. The UThHealth 2019 Advances in Teaching and Learning Day, Houston, TX

- **Hong, Y.-F., & Yu, E. (2019).** Integrating Informatics and Technology Competency in Nursing Residency Program. The UTHealth 2019 Advances in Teaching and Learning Day, Houston, TX
- Christopherson, K., **Hong, Y.-F., & Cole, L. (2019).** Multimodal Process of Graduate Online Course Evaluation. The 2019 Innovations in Health Science Education Annual Conference, Austin, TX
- **Hong, Y.-F., & Yu, E. (2018).** Utilizing Big Data in Graduate Student Research Project: Challenges and Recommendations. Creating Excellence in Nursing Practice and Education Conference, Galveston, Texas.
- **Hong, Y.-F., & Yu, E. (2018).** Utilizing Big Data in Graduate Student Research Project: Challenges and Recommendations. The 2018 Innovations in Health Science Education Annual Conference, Austin, TX
- **Hong, Y.-F., & Yu, E. (2017).** Integrating Informatics and Technology Competency in Nursing Residency Program. The 2017 Innovations in Health Science Education Annual Conference, Austin, TX
- Yu, E. & Hong, Y. F. (2017). The Predicting Value of Admission Criteria on First Semester Success in an Accelerated BSN Program, 2017 Innovations in Health Science Education Annual Meeting, Austin, TX
- **Hong, Y.-F., & Cook, J. (2016).** What All Nurse Faculty Need to Know about Big Data. UTHealth CNE seminar, Houston, TX.
- **Hong, Y.-F. (2016).** Create an Interactive Microsoft Mix Presentation. UTHealth Faculty development Day. Houston, TX.
- Hall, M., Aguirre, M., Applegate, J., **Hong, Y.-F.,** Guerrero, S., Bernstam, E. V., Frazier, F., & Sanner, J. (2016). Sample Location and Enhanced Distribution (SLED): A research biorepository query and request tool. ISBER 2016 Regional Meeting, Bethesda, MD.
- **Hong, Y.-F., Yu, E., & Collins, P. (2016).** Effects of Testing-enhanced Learning on Promoting Student Learning, The 2016 Innovations in health Science Education Annual Conference, Austin, TX.
- **Hong, Y.-F., & Yu, E. (2015).** Integrating and aligning modularized nursing informatics into BSN curriculum. 11th Annual Innovation in Health Science Education Conference. Austin, TX.
- **Hong, Y.-F., & Yu, E. (2015).** The Usefulness of Utilizing Bloom's Taxonomy into Multiple Choice Questions to Evaluate Student Learning Outcomes. SON Research Day 2015, Houston, Texas.
- **Hong, Y.-F., & Yu, E. (2014).** The Usefulness of Utilizing Bloom's Taxonomy into Multiple Choice Questions to Evaluate Student Learning Outcomes. 10th Annual Innovation in Health Science Education Conference. Austin, TX.
- **Hong, Y.-F., & Yu, E. (2013).** Amplify an Existing Online Curriculum with Second Life for Engaged and Collaborative Learning. 9th Annual Innovation in Health Science Education Conference. Austin, TX.

- **Hong, Y.-F.** (2007). Tailored Instructional Methods for Students with Diverse Levels of Computer Knowledge and Skills. The 8th Advances in Teaching and Learning Regional Conference.
- **Hong, Y.-F.** (2006). An Innovative Instructional Design for Graduate Level Nursing Research. The 7th Advances in Teaching and Learning Regional Conference
- **Hong, Y.-F.** (2006). Asynchronous Online Course Design. Workshop, The University of Texas-HSCH, School of Nursing
- **Hong, Y.-F.** (2005). An Innovative and effective content delivery program for multimedia-oriented Online Courses. The 6th Advances in Teaching and Learning Regional Conference
- **Yu, E., & Hong, Y.-F.** (2005) Taking Education to Next Level: Using High-Fidelity Simulators in Nursing Curriculum. The 6th Advances in Teaching and Learning Regional Conference
- **Hong, Y.-F.** (2005). Use MS Producer to Create Dynamic and Rich-media Presentation. Workshop, The University of Texas-HSCH, School of Nursing.
- **Hong, Y.-F.** (2004). From Tradition to Web-Based Instruction. Symposium. The University of Texas-HSCH, School of Nursing.
- **Hong, Y.-F.** (2004). The Impacts of Learning Styles on Approaches to Learning in Online Courses. The University of Texas Health Science Center. The University of Texas HSC Research Day.
- **Hong, Y.-F.** (1996). The Role of Gp150 in Phagocytosis. Molecular Biology Symposium, University of Nebraska, Lincoln, NE.

### **PROFESSIONAL SERVICE**

Organization	Location	Role	Inclusive dates
UTHealth SON	Houston	Honor Student Advisor	2015-present
Taipei Medical University, College of Nursing	Taipei	Host visiting nursing faculty and students	Summer 2008- present
Kaohsiung Medical University, College of Nursing	Kaohsiung	Host visiting nursing faculty and students	Summer 2011- present
Methodist Hospital	Houston	Development of Nursing Informatics Modules for NRP	2016-2017

The University of Texas  
Health Science Center at  
Houston, School of  
Nursing

Houston

Translator and  
coordinator for  
visitors from China

2014 Sept-2015 Jan.

### **Professional Memberships**

American Association of College of Nursing Conference

Southern Nursing Research Society

### **Institutional Service**

Committee	Role	Inclusive Dates
MC Course Evaluation Committee	Chair & Evaluator	2020-current
	Member & Evaluator	2017-2020
Faculty Assembly	Secretary	2017-2018
Master Council	Member	2009-Current
Baccalaureate Council	Member	2010-2011
Chemical Safety Committee	Member	2010-2011
Faculty Life	Member	2007-2008

### **OPTIONAL APPENDICES**

#### **Course Taught** (Current to Past)

Course Title (number)	Credits	Role	Inclusive dates
Nursing Informatics: Introduction to Concepts and Health Information Technologies (N6014W)	2	Co-teach	Fall 2017- Present
Introduction to Applied Health Informatics (N3564)	3	Lead instructor, Creator	Summer 2015- present
Informatics and Healthcare Technologies (N6103W)	3	Co-teach	Fall 2014 - present
Electronic Communication and Technology in Education (n6131W)	3	Lead instructor, Re-design	2015-present

		Co-teach	2011-2014
Information Systems/Preparation of Scholarship for ANP (N6102W)	1	Lead instructor, Creator	2008-present
Emerging Science for Clinical Practice for DNP (N6805)	3	Creator, co-teach	2008-2012
Evaluation and Application of Research (N6105W)	3	Co-teach	2006-2012
Research Critique and Utilization (N3605W)	2	Lead instructor, Creator	2007-2012
Research Application I (N5507)	3	Co-Teach	2004-2006
Research Application II (N5508)	2	Co-teach	2004-2006