

# April Savoy, PhD

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## Education

PURDUE UNIVERSITY –West Lafayette, IN  
**Doctorate of Philosophy, *Industrial Engineering***, 2008  
Human Computer Interaction Research Program

PURDUE UNIVERSITY – West Lafayette, IN  
**Masters of Science, *Computer Science***, 2004

XAVIER UNIVERSITY OF LOUISIANA – New Orleans, LA  
**Bachelors of Science, *Computer Science***, 2002

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## Research Interests

### Health Information Systems' User-centered Design and Evaluation

- Assessing Health Information Technology's Impact on Patient and Physician Communication During Care Coordination
  - Assessing the Impact of Mobile Technology-Integrated Clinical Workflows
  - Usability Evaluation of Health Information Technology: Emphasizing Cognitive Requirements for Decision Making
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## Work Experience

### Assistant Professor of Computer Information Technology

2018 – Present, Indiana University Purdue University Indianapolis  
School of Engineering and Technology

### Director of Human Computer Interaction and Simulation Lab

2014 – Present, Richard L. Roudebush Veterans Affairs Medical Center  
Center for Health Information and Communication

### Assistant Professor and Director of Informatics

2012 – 2018, Indiana University East  
School of Business and Economics

### Program Manager- Research Associate

2008-2012, SA Technologies, Inc.

Company specializing in Situation Awareness research , design, training, modeling, and measuring.

### Adjunct Professor

2010-2012, American InterContinental University  
Department of Information Technology

### Graduate Research Assistant

2003 – 2004, Purdue University,  
Department of Computer Science

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## Internships & Co-Op

### Co-op Pre-Professional Engineer

2004 – 2005, International Business Machines

### Co-op Pre-Professional Engineer

Summer 2002, IBM T.J. Watson Research Center

### Co-Op Pre-Professional Engineer

Summer 2001, IBM T.J. Watson Research Center

**Research  
Grants  
Awarded**

**Coordinating Hub to Promote Research Optimizing Veteran-Centric Electronic Health Record (EHR) Networks (PROVEN)**

2020-Present, Co-Investigator

*Solicitation:* VA Health Services Research and Development

*Research & Technical Area:* Health Services and Informatics

**Early Career Investigator Award**

2019-Present, Principal Investigator

*Solicitation:* Indiana Clinical and Translational Sciences Institute

*Research & Technical Area:* Health Services and Human Factors Engineering

**Care Coordination and Outcomes in the VA Expanded Choice Program**

2018- Present, Co-Investigator

*Solicitation:* VA Quality Enhancement Research Initiative

*Research & Technical Area:* Health Services and Informatics

**Improving Patient Care and Physician Resilience through Effective Veteran-Centered Communication and Documentation Practices**

2018-Present, Co-Investigator

*Solicitation:* VA Health Services Research and Development

*Research & Technical Area:* Health Services and Informatics

**Human Factors Investigation of HIE: Tools to Support Providers' Coordination of Medications Team Meeting**

2018-Present, Co-Investigator

*Solicitation:* VA Health Services Research and Development

*Research & Technical Area:* Health Services and Informatics

**iPad Functionality Leveraged to Optimize Workflows (iFLOW)**

2017, Principal Investigator

*Solicitation:* VA Health Services Research and Development

*Research & Technical Area:* Health Services and Informatics

**Young Investigator Award: Mobile Computing in Primary Care**

2016, Principal Investigator

*Solicitation:* Indiana Institute of Medical Research

*Research & Technical Area:* Health Informatics

**Improving Consultation Management between Primary Care and Sub-Specialty Clinics (CONSULTS)**

2014, Co-Investigator

*Solicitation:* VA Health Services Research and Development

*Research & Technical Area:* Health Services and Informatics

**Center for Health Information and Communication**

2014, Co- Investigator

*Solicitation:* VA Health Services Research and Development

*Research & Technical Area:* Health Services and Informatics

**IU Online 3.0**

2013, Principal Investigator

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	<p><i>Solicitation:</i> Indiana University</p> <p><i>Research &amp; Technical Area:</i> Usability of Course Management Systems</p> <p><b>Cyber Security High Abstraction Contextual Visualization and Decision Support System</b></p> <p>2012, Co-Principal Investigator</p> <p><i>Solicitation:</i> Department of Defense Small Business Innovation Research</p> <p><i>Research &amp; Technical Area:</i> Information Systems</p> <p><b>Enhancing Decision Making through Adaptive Trustworthiness Cues</b></p> <p>2012, Co-Principal Investigator</p> <p><i>Solicitation:</i> Department of Defense Small Business Innovation Research</p> <p><i>Research &amp; Technical Area:</i> Information Systems</p>
<b>Quality Improvement Grants Awarded</b>	<p><b>Electronic Capture of Patient-Centered Data to Improve Quality of Care</b></p> <p>2017, Co-Principal Investigator</p> <p><i>Solicitation:</i> Richard L. Roudebush Veteran Medical Center</p> <p><i>Research &amp; Technical Area:</i> Health Services and Informatics</p> <p><b>Measuring Efficiency of Key Clinical Tasks</b></p> <p>2016, Principal Investigator</p> <p><i>Solicitation:</i> VA Office of Informatics and Analytics</p> <p><i>Research &amp; Technical Area:</i> Health Services and Informatics</p> <p><b>Information Visualization Insights for Developers</b></p> <p>2016, Principal Investigator</p> <p><i>Solicitation:</i> VA Office of Informatics and Analytics</p> <p><i>Research &amp; Technical Area:</i> Health Services and Informatics</p> <p><b>Veteran Affairs Video Access (VA<sup>2</sup>)</b></p> <p>2015, Principal Investigator</p> <p><i>Solicitation:</i> VA Health Services Research and Development</p> <p><i>Research &amp; Technical Area:</i> Health Services and Informatics</p>
<b>Fellowships &amp; Scholarships Awarded</b>	<p><b>Enhanced Mentoring Program with Opportunities for Ways to Excel in Research</b></p> <p>2019, Principal Investigator</p> <p><i>Solicitation:</i> Indiana University-Purdue University Indianapolis</p> <p><i>Research &amp; Technical Area:</i> Human Factors Engineering</p> <p><b>Sony Electronics Faculty Scholar</b></p> <p>2014, Principal Investigator</p> <p><i>Solicitation:</i> Sony Corporation in America</p> <p><i>Research &amp; Technical Area:</i> Informatics</p> <p><b>American Association for the Advancement of Science Fellow (AAAS)</b></p> <p>2007-2008, Principal Investigator</p> <p><i>Solicitation:</i> AAAS</p> <p><i>Research &amp; Technical Area:</i> Computer Science</p> <p><b>Alliance for Graduate Education and the Professoriate (AGEP) Fellow</b></p> <p>2006-2008, Principal Investigator</p> <p><i>Solicitation:</i> Purdue University</p> <p><i>Research &amp; Technical Area:</i> Computer Science</p> <p><b>Purdue Doctoral Fellowship</b></p> <p>2005-2008, Principal Investigator</p> <p><i>Solicitation:</i> Purdue University</p> <p><i>Research &amp; Technical Area:</i> Computer Science</p>

## **Publications**

### **Books and Book Chapters**

- Holden, R., Volda, S., **Savoy, A.**, Jones, J. & Kulanthaivel, A. (2016). Human Factors Engineering and Human-Computer Interaction: Supporting User Performance and Experience. In *Clinical Informatics Study Guide*: Springer International Publishing.
- Onal, E., **Savoy, A.**, and McDonald, S. (2012, July). Augmented navigation: A cognitive approach. In K. M. Stanney & K. S. Hale (Eds.), *Advances in Cognitive Engineering and Neuroergonomics* (13-22). Boca Raton, FL: CRC Press.
- Liao, H., Guo, Y., **Savoy, A.**, and Salvendy, G. (2009). *Content preparation guidelines for the web and information appliances: Cross-cultural comparisons*. Boca Raton, FL: CRC Press.

### **Journal Articles (Peer-Reviewed)**

- Patel, H., Damush, T. M., Miech, E. J., Rattray, N. A., Martin, H. A., **Savoy, A.**, Plue, L., Anderson, J., Martini, S., Graham, G. D., & Williams, L. S. (2021). Building Cohesion in Distributed Telemedicine Teams Findings from the Department of Veterans Affairs National Telestroke Program. *BMC Health Services Research*.
- Savoy, A.**, Frankel, R., & Weiner, M. (2021). Critical thinking via electronic note templates: Who benefits? *Journal of General Internal Medicine*.
- Weiner, M., **Savoy, A.**, & Barry, B. (2020). Gains, losses, and uncertainties from computerizing referrals and consultations. *Applied Ergonomics*.
- Savoy, A.**, Weiner, M., & Damush, T. (2020). Closing the cross-institutional referral loop: Applying human factors to improve consultations. *Journal of Clinical and Translational Science*.
- Savoy, A.**, Militello, L., DiIulio, J., Midboe, A. M., Weiner, M., Abbaszadegan, H., & Herout, J. (2019). Cognitive requirements for primary care providers during the referral process: Information needed from and interactions with an electronic health record system. *International Journal of Medical Informatics*.
- Savoy, A.**, Militello, L., Patel, H., DiIulio, J., Flanagan, M., Daggy, J., Russ, A., Weiner, M., and Saleem, J. (2018). A cognitive systems engineering approach to improve the usability of electronic order forms for medical consultations. *Journal of Biomedical Informatics*.
- Militello, L., **Savoy, A.**, Patel, H., DiIulio, J., Flanagan, M., Daggy, J., Russ, A. and Weiner, M. (2018). Hidden complexities in information flow between primary and specialty care clinics. *Cognition, Technology, and Work*, 1-10.
- Savoy, A.**, Patel, H., Flanagan, M., Daggy, J., Russ, A. and Weiner, M. (2018).

Comparative usability evaluation of consultation order templates in a simulated primary care environment. *Applied Ergonomics*, 73, 22-32.

Saleem, J. J., **Savoy, A.**, Etherton, G., and Herout, J. (2018). Investigating the need for clinicians to use tablet computers with a newly envisioned electronic health record. *International Journal of Medical Informatics*, 110(2), 25-30.

**Savoy, A.**, Patel, H., Flanagan, M., Weiner, M., and Russ, A. (2017). Systematic heuristic evaluation of computerized consultation order templates: Clinicians' and Human Factors Engineers' Perspectives. *Journal of Medical Systems*.

**Savoy, A.** and Salvendy, G. (2016). Factors for Customer Information Satisfaction: User Approved and Customer Validated. *International Journal of Human-Computer Interaction*.

McLeod, A. & **Savoy, A.** (2015). The building blocks for enhanced technological literacy. *The Career and Technical Education Journal*.

Guo, Y., **Savoy, A.**, and Byrd, K. (2009) Development and validation of an instrument to evaluate the content effectiveness of video games: A pilot study. *Theoretical Issues in Ergonomics Science*, 10(2), 107-133.

**Savoy, A.**, Proctor, R. W., & Salvendy, G. (2009). Information retention from PowerPoint™ and traditional lectures. *Computers and Education*, 52(4), 858-867.

**Savoy, A.** and Salvendy, G. (2008). Foundations of content preparation for the web. *Theoretical Issues in Ergonomics Science*, 9(6), 501-521.[Based on Dissertation]

**Savoy, A.**, Guo, Y., and Salvendy, G. (2008). Effects of detectability and importance of usability problems on sample size requirements. *International Journal of Human-Computer Interaction*, 25(5), 430-440.

#### **Conference Proceedings (Peer-Reviewed)**

Militello, L. **Savoy, A.**, Flanagan, M., Wu, J., Adams, J., Rehman, S., Abbaszadegan, H., and Weiner, M. (2017). Exploring Information Flow: Consultations between Primary and Specialty Care Clinics. *International Conference on Naturalistic Decision Making*.

Moayed, F. A., **Savoy, A.**, and Turpen, C. (2017). Study of Suitability of Computer Workstations Design for Nurses' Work Content. In G. V. Duffy & N. Lightner (Eds.), *Advances in Human Factors and Ergonomics in Healthcare: Proceedings of the AHFE 2016 International Conference on Human Factors and Ergonomics in Healthcare, July 27-31, 2016, Walt Disney World®, Florida, USA* (pp. 89-101). Cham: Springer International Publishing.

**Savoy, A.**, and McLeod, A. (2014, June). The Value of User Centered Design in Product Marketing: A Simulated Manufacturing Company Product Offering Market Strategy. In F.-H. Nah (Ed.), *HCI in Business* (Vol. 8527, pp. 575-582): Springer International Publishing.

- Savoy, A.** (2013, March). Investigating the Usability of Conceptual Models: User's Perspective. *Association for Industry, Engineering, and Management Systems Conference*, Cocoa Beach, FL
- Savoy, A.,** and McLeod, A. (2013). A Precursory Look at Potential Interaction Objectives Affecting Flexible Robotic Cell Safety. In S. Yamamoto (Ed.), *Human Interface and the Management of Information. Information and Interaction for Health, Safety, Mobility and Complex Environments* (Vol. 8017, pp. 198-206): Springer Berlin Heidelberg.
- Robinson, J., **Savoy, A.,** Strater, L., Endsley, M., and Hyatt, J. (2011, October). The networked patrol leader: The need for technologies with a user focus. Paper presented at the *IEEE 6<sup>th</sup> Annual Network Science Workshop*, West Point, NY.
- McLeod, A., and **Savoy, A.** (2009, June). Problem-based learning in an introductory level lean manufacturing systems course. Paper presented at the *American Society of Engineering Education Annual Conference & Exposition*, Austin, TX. [Best Paper Nominated]
- Savoy, A.,** and Salvendy, G. (2007, July). Effectiveness of content preparation in information technology operations: Synopsis of a working paper. In Jacko, J (Ed.), *Human Computer Interaction: Interaction Design and Usability*, Lecture Notes in Computer Science, 4550, 624-631. Heidelberg, Germany: Springer.
- Savoy, A.** (2000, April). A single strategy for multiple threads. Paper presented at the *National Conference on Undergraduate Research*, Missoula, Montana.

#### **Conference Presentations and Extended Abstracts (Peer-Reviewed)**

- Savoy, A.** (2020). Closing the cross-institutional referral loop: Assessment of consultation note quality. *Indiana Clinical Translational Sciences Institute Annual Meeting*. Indianapolis, IN.
- Savoy, A.** (2019). Closing the cross-institutional referral loop: Applying human factor to improve consultations. *Indiana Clinical Translational Sciences Institute Annual Meeting*. Indianapolis, IN.
- Williams, L., Patel, H., Martin, H., Rattray, N., Miech, E., **Savoy, A.,** Graham, G., Martini, S., Anderson, J., and Damush, T. (2019). Effective communication and engagement increases satisfaction among virtual telestroke providers. *Stroke* (50).
- Savoy, A.** (2019). Varying perspectives and data challenges that impact usability. *Indiana University-Purdue University Indianapolis Data Summit*. Indianapolis, IN.
- Savoy, A.,** Patel, H., Flanagan, M., and Weiner, M. (2019). Cognitive requirements for referring primary care providers. *Veterans Health Administration's Health Services Research and Development National Meeting*. Washington, DC.

- Savoy, A.**, (2019). Interacting with clinical information: Pilot time and motion study of hospitalists. Healthcare Systems Process Improvement. *Society of Healthcare Systems Annual Meeting*.
- Savoy, A.**, Patel, H., Flanagan, M., Daggy, J., Barker, B., Slaven, J. Russ, A. and Weiner, M. (2017). Comparison of Two Electronic Order Forms for Medical Consultation: Think-Aloud Usability Assessment With Referring Clinicians. *Human Factors and Ergonomics Annual Meeting*.
- Savoy, A.**, Patel, H., Flanagan, M., Weiner, M., and Russ, A. (2017). Usability Evaluation of VA Consultation Order Templates: Identifying Problems to Prioritize Redesign Efforts. *Veterans Health Administration's Health Services Research and Development National Meeting*. Washington, DC.
- Savoy, A.** (2017). Practitioners' and User-centered Design Specialists' Varying Perspectives on the Impact of Usability Priorities and Design. *The Patient, The Practitioner, and The Computer: Holding on to the Core of Our Healing Professions in a Time of Technological Change*. Warren Alpert Medical School Conference. Brown University.
- Militello, L., DiIulio, J., Russ, A., **Savoy, A.**, Flanagan, M., Patel, H., and Weiner, M. (2016). Design Concepts to Support Management of Outpatient Consultations in the Veterans Health Administration. *Human Factors and Ergonomics Annual Meeting*.
- Savoy, A.**, Patel, H., Flanagan, M., Russ, A., Weiner, M. (2016). Templates for Ordering Specialty Care Consultations Lack Minimalism and Error Prevention: Results of a Heuristic Evaluation. *American Medical Informatics Association*. Chicago, IL.
- Wu, J., Militello, L., Flanagan, M., Barker, B., Rehman, S., Porter, B., Adams, J., **Savoy, A.**, Russ, A., Weiner, M. (2016). Barriers and Facilitators to Using Electronic Health Records for Referrals between Primary and Specialty Care Clinics. *American Medical Informatics Association*. Chicago, IL.
- Savoy, A.** (2016). Error Message Design. *Applied Human Factors and Ergonomics International Conference*. Orlando, Florida.
- Weiner M, Barker B, Midboe A, Porter B, Adams J, Wu J, Flanagan M, **Savoy A**, Rehman S, Abbaszadegan H, Russ A, Thurmond C, Haggstrom D, Frankel R, Militello L. (2016). Cognitive challenges, technological factors, and communication of medical referrals and consultations. *International Symposium on Human Factors and Ergonomics in Health Care: Shaping the Future*, San Diego, CA.
- Savoy, A.** (2013) Providing Useful Information on Websites: Understanding the Impact of Demographics on Customer Information Satisfaction. *19<sup>th</sup> Academy of Business Research Fall International Conference*, Montego Bay, Jamaica. [Best Paper Award]
- Savoy, A.** (2013). Investigating the Usability of Conceptual Models: Users' Perspective. *19<sup>th</sup> International Annual Industry Engineering and Management Systems Conference*, Cocoa Beach, FL.

## Media Articles & Features

Indiana Clinical and Translational Sciences Institute. (2021). February Newsletter.

Fox, C. (2021). Regenstrief faculty members discuss user-centered design at Brown conference series. <https://www.regenstrief.org/article/savoy-holden-brown-conference-designing-hit-patients/>

Patel, H., Savoy, A., & Weiner, M. (2017). Applying usability heuristics to improve outpatient consultation orders. *The Human Factors Quarterly*. (18).

Savoy, A. (2016). At the Intersection of Human Computer Interaction, Human Factors, and Informatics: An Interview with April Savoy, PhD. *The Human Factors Quarterly*. (14).

## Invited Talks

Savoy, A., Danielpour, L. & Holden, R. (2021). Designing Health IT to Empower Patients. *The Patient and the Practitioner in the Age of Technology: Promoting Healing Relationships*. Warren Alpert's Medical School of Brown University. Providence, RI.

Edwards-Tucker, Brownsyne., and Savoy, A. (2020) Diversity and Inclusion. *Early Career Investigators' Meeting*. Indiana Clinical Translational Sciences Institute Annual Meeting. Indianapolis, IN.

Savoy, A. (2016). At the Intersection of Human Computer Interaction, Human Factors, and Informatics: An Interview with April Savoy, PhD. *The Human Factors Quarterly*. (14).

Savoy, A. (2014, January). *Usability: The other set of vital signs*. Richard L. Roudebush Veterans Affairs Medical Center, Indianapolis, IN.

Savoy, A. (2013, November). *Research Insights in Human Computer Interaction and Informatics*. Purdue University Human Factors and Ergonomics Society, West Lafayette, IN.

Savoy, A. (2006, July). *2nd generation usability evaluation for gaming: What gamers want and how gamers want it*. David and Lucile Packard Foundation Graduate Scholars Conference, Washington, D.C.

Savoy, A. (2005, July). *Electronic medical record: Human factors improvements for the front-end*. David and Lucile Packard Foundation Graduate Scholars Conference, Monterey, California.

Savoy, A. (2004, July). *Key management for mobile wireless sensor networks*. David and Lucile Packard Foundation Graduate Scholars Conference, Washington, D.C.

Savoy, A. (2002, October). *User interfaces: Utilizing the small screen*. Model Institutions for Excellence Annual Conference, New Orleans, Louisiana.



Savoy, A. (2001, July). *B2B platforms for e-business*. Leadership Alliance Symposium. Stone Mountain, Georgia.

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**Awards &  
Honors**

**Early Investigator Award**

2019-2021, Indiana Clinical Translational Sciences Institute

**Forty Under 40 Nominee**

2018, Indianapolis Business Journal

**Regenstrief Scientist**

2017, Regenstrief Institute

**Young Investigator Award**

2016, Indiana Institute for Medical Research

**Purdue Alumni Excellence Award**

2015, Purdue Black Graduate Student Association

**Sony Scholar Award**

2014, Sony Corporation in America

**Honorary Member**

2014, Delta Mu Delta

**Best Presentation Award**

2013, Academy Business Research International Conference

**Boeing Award Nomination**

2010, Boeing Performance Award

**Best Paper Nomination**

2009, American Society of Engineering Education (ASEE)

**Outstanding Graduate Student – Purdue University**

2008, School of Industrial Engineering

**NASA Systems Engineering Design Champion**

2007, NASA Systems Engineering Design Competition

A member of the first place team in NASA's Exploration Systems Mission Directorate Space Grant Systems Engineering Paper Competition.

**Science Update (online): Spotlight on African American Scientists**

2006, American Association for the Advancement of Science (AAAS)

My research was featured on the show and was featured as one of the top African American Scientists.

**Alpha Pi Mu Honor Society**

2005- Present, Xavier University of Louisiana

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**Course Taught  
& Curriculum  
Development**

**Undergraduate Courses**

2018-Present, Indiana University-Purdue University Indianapolis (3 cr)  
CIT-373 Visual Design for Software  
CIT-374 Systems and Database Analysis

2012-2018, Indiana University East

INFO-I101 Introduction to Informatics (4 cr)

INFO-I202 Social Informatics (3 cr)

INFO-I300 Human Computer Interaction/ Interface Design (3 cr)

INFO-I400 Informatics Special Topics (3 cr)

INFO-I491 Capstone Project/Internship (3 cr)

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INFO-I492 Senior Thesis (3 cr)  
IIM-I300 Foundations and Principles of Integrated Information  
Management (3 cr)

2010-2012, American InterContinental University  
Unix Security  
Human/Computer Interface Interactions  
Intrusion Detection and Prevention for Windows Security  
Topics in Security Management  
Defense in Depth

**Graduate Course(s)**

2010-2012, American InterContinental University  
Introduction to Information Security

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**Professional  
Development**

**National Science Foundation Career Development Grant Workshop**  
2018, Indiana University

**Quality Matters Certificate**  
2015, Indiana University

**Scientific Writing from the Reader's Perspective with Dr. Gopen**  
2015, Indiana University School of Medicine

**Certificate in Online Teaching**  
2013, Indiana University East

**Statewide Information Technology Conference**  
2013, Indiana University

**Academic Careers Workshop**  
2013, National Science Foundation

**Faculty Online Teaching Workshop Series**  
2013, Indiana University East

**Operational Security (OPSEC) Awareness**  
2011, Center for Development of Security Excellence  
Training for Military Members, DoD Employees and Contractors\*

**Project Management: How to Do it Right**  
2010, National Society of Professional Engineers

**Graduate Teaching Certificate - Purdue University**  
2008, Center for Instructional Excellence

**Compact for Faculty Diversity**  
2007, Institute on Teaching and Mentoring Southern Regional Education Board

**College Teaching Workshop Series**  
2006, Purdue University Center for Instructional Excellence

**Preparing Future Faculty**  
2006, Purdue University

**Expediting Usability Testing**  
2005, 11th International Conference on Human-Computer Interaction

**The Disappearing Computer: Designing Interaction for Smart Artifacts  
HCI Themes: Social Creativity, Meta-Design, and End-User Development**  
2005, 11th International Conference on Human-Computer Interaction

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<b>Professional Affiliations</b>	<b>American Medical Informatics Association</b> 2015-Present <b>Healthcare Information and Management Systems Society</b> 2015-Present <b>Association for Computing Machinery</b> <b>Special Interest Group Computer Human Interaction (SIGCHI)</b> 2011 - Present <b>Human Factors and Ergonomics Society</b> 2005- Present <b>Women in Engineering Program</b> 2005- Present <b>National Society of Black Engineers</b> 1999- Present, Member 2001-2002, Vice President and Academic Excellence Chair <b>Computer Science Women's Network</b> 2002- 2004, Member <b>Alpha Pi Mu</b> 2005- Present, Member
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<b>Academic Service</b>	<b>Engineering Technology Search Committee</b> 2019, Indiana University-Purdue University Indianapolis  <b>Learning Information Technologies Steering Committee</b> 2016-2018, Indiana University East  <b>Chair of Informatics Committee</b> 2015-2017, Indiana University East  <b>Campus Informatics Lead for Single Articulation Pathways</b> 2014-Present, Indiana University –System Wide  <b>Campus Informatics Lead for Joint Informatics Online Degree</b> 2014-Present, Indiana University –System Wide  <b>Innovative Classroom Committee Member</b> 2013, Indiana University East  <b>Career Exploration Faculty Panelist</b> 2013, Purdue University Pre-Professional Seminar  <b>Campus Informatics Lead for Blueprint</b> 2012-2014, Indiana University  <b>Informatics Program Director</b> 2012- 2017, Indiana University East  <b>First Lego League Regional Judge</b> 2011, Aiken Technical College  <b>Industrial Engineering Graduate Student Advisory Board</b>
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2006- 2008, Purdue University

**Industrial Engineering Department Fundraiser**

2006, Purdue University

**Graduate Student Recruiter**

2006, Purdue University

**Engineering Advisory Council**

2005- 2008, Purdue University

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**Professional  
Service**

**Ergonomics Journal Reviewer**

2019 – Present, Ergonomics Journal

**Advisory Board Member**

2014 - Present, Human-Computer Interaction in Business International Conference

**Advisory Board Member**

2013 - Present, Applied Human Factors & Ergonomics International Conference

**Conference Judge and Mentor**

2013- Present, Emerging Researchers National Conference in STEM

**Conference Session Chair**

2013, Academy Business Research International Conference

**Computers and Education Journal Reviewer**

2010- Present

**Electronic Commerce Research and Applications Journal Reviewer**

2010- Present

**Human Factors and Ergonomics Society**

2009-Present, Publication Reviewer

2007-2008, President

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**Community  
Service  
Organizations**

**Delta Sigma Theta Sorority, Inc**

Private, non-profit organization whose members provide voluntary services and programs to diverse communities to promote human welfare.