Phoebe Martinez

Research Statement

My research interests are in human-computer interaction (HCI), personal and health informatics. Within these research fields, I hope to design and develop various technology tools aimed to support healthcare journeys. More specifically, I work towards designing, building, and evaluating technologies to support the needs of individuals over their entire personal healthcare journey. To do this, I am currently a part of the Healthcare Journey’s Lab working towards understanding the healthcare journey in relation to women pregnancy.

Education

2020 - present  
Ph.D. Student in Health Informatics  
Indiana University, Bloomington, Indiana  
Luddy School of Informatics, Computing, and Engineering  
GPA: 4.0

2016 - 2020  
B.A. Computer Science and Psychology  
DePauw University, Greencastle, Indiana

Honors and Awards

2021  
Luddy Summer Research Award

2020-2021  
Excellence in Teaching Assistance

Projects - In Progress

Martinez, P. Chung, C. Mindful Bullet Journaling: Design Implications for Supporting Analogue with Digital Methods.  
The purpose of this study is to understand individuals’ bullet journaling habits in relation to analogue versus digital methods. In particular, we plan to understand how digital methods can be used to help support analogue methods instead of replacing them.

In conducting this study, we wanted to investigate any potential effects of the COVID-19 pandemic on doula work and practices. An Asynchronous Remote Communities (ARC) method was utilized to study the changes in doula practices during the pandemic.
Women's Perceptions and Experiences with Birth Rights While Delivering Under COVID-19 Restrictions

This study investigates how women perceive their birthrights, allowing women a space to share their stories regarding treatment by maternal healthcare providers.

Professional Experience

Aug. 2020 - present
Undergraduate/Graduate Associate Instructor
Indiana University Bloomington, IN
Assist with class management, help with assignments and grading, conduct weekly office hours.

Aug. - Nov. 2020
Diplomacy Lab Project
Indiana University Bloomington, IN
Worked for the state department to create a smartphone application as an educational resource for Ponta Delgada containing U.S. History in the Azores. Ultimately aiming to help the U.S. Consulate meet strategic objectives of reinforcing the historic U.S. - Portugal relationship.

May - Aug. 2019
IMHCI-REU
University of Florida Gainesville, FL
Conducted research to investigate how novice debugging strategies differ between block-based and hybrid environments.

Research Skills

- Semi-Structured Interviews, Inductive & Deductive Qualitative Coding, Think Aloud Method, Literature Review, Experimental Study
- Relevant Courses: Intro to Informatics, Human-Centered Research Methods, Field Deployments, and Advanced Health Informatics Seminar

Technical Skills

- Operating Systems and Environment: Windows, Linux, BlueJ, Visual Studio, Eclipse, Ruby on Rails, React Native, GitHub
- Programming Language: JAVA, C++, JavaScript, Ruby, Python, HTML, CSS
- Relevant Courses: Cross-Platform Mobile Programming and Pervasive Computing

Services

- Conducting CeWit Interviews for Healthcare Journeys Lab, Fall 2021
- Graduate Mentor for Undergraduate Researchers at the Healthcare Journeys Lab, Spring 2021-Present
- Healthcare Journeys Lab Community Involvement Outreach, Spring 2021-Present
- ProHealth Lab Reading Group Organizer, Fall 2020-Present
### Teaching

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<tr>
<th>Semester</th>
<th>Instructor</th>
<th>Course</th>
<th>University</th>
<th>Students</th>
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<td>Fall 2021</td>
<td>Graduate Associate Instructor for Christina Chung</td>
<td>INFO I-590 : Cross-Platform Mobile Programming</td>
<td>Indiana University</td>
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<td>Spring 2021</td>
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<td>INFO I-399 : JavaScript</td>
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<td>INFO I-400 : Mobile HCI and Design</td>
<td>Indiana University</td>
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<tr>
<td>Fall 2020</td>
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<td>INFO I-549 : Advanced Prototyping</td>
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### Publications

**Posters**