

# Ciabhan CONNELLY

Undergraduate researcher in computer science looking to expand into interdisciplinary research focused on social or political issues.

## CONTACT INFORMATION

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## RESEARCH EXPERIENCE

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<i>Current</i>	<b>HCI Researcher at Indiana University</b> <i>PI: Dr. Patrick Shih</i> This work applies the emerging <a href="#">Asynchronous Remote Community (ARC) Method</a> to the population of individuals living with HIV. Core elements include HCI study design, data analysis, and paper writing. Continuing research from Indiana University's Pro Health REU 2017. This research has produced a paper that has been accepted into CHI 2018 [1].
<i>Current</i>	<b>Researcher at the Indiana University Ostrom Workshop</b> <i>PI: Professor Anjanette Raymond</i> Linguistic analysis of judicial decisions and court transcripts to identify any linguistic markers for judicial bias.
SUMMER 2017	<b>HCI Researcher at Indiana University</b> <i>PI: Dr. Patrick Shih</i> Work towards a poster [4] and publication [3] analyzing past implementations of the ARC method to grant insights to future researchers attempting to design a study. Additionally, an ongoing ARC study through Facebook.
SUMMER 2016	<b>Machine Learning Researcher at Indiana University</b> <i>PI: Dr. Sriraam Natarajan</i> Project used machine learning to draw potential drug interaction pairs from a large pool of medical abstracts [5]. In particular, I developed data processing and cleaning skills over the course this experience.
SPRING 2016	<b>Independent Research</b> <i>Advisor: Dr. Michael Ryan</i> Traveled across Europe for two months distributing a survey on attitudes towards the European Union, and analyzed the data gathered.
SUMMER 2015	<b>Qualitative Data Analyst at Indiana University,</b> <i>PI: Dr. Jean Camp</i> Worked with a team to develop a code-book and qualitatively tag open-ended survey responses to gauge the relationship between computer expertise and computer security expertise [6].

## PUBLICATIONS, PRESENTATIONS, AND POSTERS

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- [1] Juan F. Maestre, Haley MacLeod, **Ciabhan L. Connelly**, Julia C. Dunbar, Jordan Beck, Katie A. Siek, and Patrick C. Shih, *Defining Through Expansion: Conducting Asynchronous Remote Communities (ARC) Research With Stigmatized Groups*. To appear in proceedings of CHI, April 2018.
- [2] Invited to speak on *The Importance of Triangulation in the Asynchronous Remote Community (ARC) Method* at University of Texas Rio Grande Valley, October 2017.
- [3] Julia C. Dunbar, **Ciabhan L. Connelly**, Juan F. Maestre, Haley Macleod, Katie A. Siek, and Patrick C. Shih, *Considerations for Using the Asynchronous Remote Communities (ARC) Method in Health Informatics Research*. In Workshop on Interactive Systems in Healthcare (WISH), November 2017.
- [4] **Ciabhan Connelly**, Julia Dunbar, Juan F. Maestre, Haley MacLeod, Katie A. Siek, and Patrick C. Shih, *Asynchronous Remote Communities (ARC) Method Blueprint: a Guidebook to the ARC Method*. Poster presentation at Indiana University, July 2017.
- [5] Alexander Hayes, Savannah Smith, **Ciabhan Connelly**, Devendra Dhami, and Sriraam Natarajan, *Predicting Drug Interactions: Combining Machine Learning and Natural Language Processing*. Poster presentation at Indiana University, July 2016.
- [6] Joshua Overway, **Ciabhan Connelly**, *Computer and Security Expertise*. Poster presentation at Indiana University, July 2015.

## SKILLS

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Programming		Analysis		Other	
JAVA:	Adept	R:	Adept	EXCEL:	Adept
HTML:	Adept	QUALITATIVE ANALYSIS:	Adept	ACADEMIC WRITING:	Adept
SCHEME/RACKET:	Adept	STATISTICAL ANALYSIS:	Familiar	CREATIVE WRITING:	Adept
JAVASCRIPT:	Familiar	DEDOOSE:	Familiar	LATEX:	Adept
		WEKA:	Familiar	FRENCH LANGUAGE:	Fluent