# Alicia Boyd, PhD (she/her)

Associate Research Scientist
Yale University, New Haven, Connecticut

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Publications: Google Scholar

## Research Interests

responsible AI, biometrics, reflexivity, intersectionality, policy, software equity, procurement, privacy, data science, machine learning, generative AI technologies, bioinformatics

## Work Experience

Associate Research Scientist; Yale University (September 2024- present)
Associate Postdoctoral Researcher; New York University (September 2022 – August 2024)
Researcher; Independent Contract (May 2021 - August 2022)
Global Data Justice Consultant; Alan Turing Institute (November 2021 – April 2022)
Artificial Intelligence Intern; Prove (November 2021 - January 2022)
Data Engineering Intern; COMED (June 2020 - August 2020)
Teaching Assistant; DePaul University (January 2017 - June 2021)
Database Engineer; American Board of Nuclear Medicine (February 2015 - December 2016)
Assistant Research Scientist; Washington University School of Medicine (January 2012 - January 2015)
Graduate Research Assistant; University Missouri-Saint Louis (October 2008 – December 2011)
Program Specialist; St Louis Children's Hospital (January 2007 – November 2009)

## Education

**Doctor Philosophy Computer Science**, *DePaul University*  August 2021

**Masters Arts Mathematics**, *University Missouri-Saint Louis*  May 2012

**Masters Higher Education**, *University Missouri-Saint Louis*  December 2009

**Bachelors of Science**, *Fontbonne University*  May 2008

**Associates in Applied Science**, *Saint Louis Community College*  June 2006

## Grant Awards

2024 - Awarded $60,000 from Google for a research proposal for "Improving Disability Representation in Large Language Models Through Reflexive and Collaborative Annotation."

# Papers and Tutorials (selected)

**Navigating Equity and Reflexive Practices in Gigwork Design—A Journey Mapping Experience.**
**Alicia Boyd**, Danielle Cummings, Angie Zhang
FAccT 2024

**Should they? Mobile Biometrics and Technopolicy Meet Queer Community Considerations.**
Anaelia Ovalle, Davi Liang, Alicia Boyd
EAAMO 2023

**Harmful Terms in Computing: Towards Widespread Detection and Correction**
Hana Winchester, **Alicia Boyd,** Brittany Johnson
ICSE 2023

**Reflexive Practices in Software Engineering**
Alicia Boyd
ICSE 2023

**Viral paradox: The intersection of "me too" and #MeToo**
**Alicia Boyd**, Bree McEwan
New Media and Society 2022

**An Exploration of Intersectionality in Software Development and Use**
Hana Winchester, **Alicia Boyd,** Brittany Johnson
Gender Equality, Diversity, and Inclusion in Software Engineering Workshop 2022

**Quintessence: An Intersectional Reflexivity Tool for Data-Centric Research & Development**
**Alicia Boyd**, Jibiana Jakpor**,** Brittany Johnson
VL/HCC 2022

**Intersectionality and Reflexivity—Decolonizing Methodologies for the Data Science Process**
Alicia Boyd
Patterns, 2021

# Invited Talks (selected)

2024 – Social Justice Informatics, University of Texas-Austin
2024 - Queer Representations of AI, University of London
2023 - Silver Center on Data Science and Social Equity, New York University
2023 - Should they? Gender Recognition, Privacy and Accelerometers, Yale Law University
2023 - Blockchain: The Visuals in Utilities, New York University
2023 - Striking Balance Between Public Procurement and Innovation, New America, [link](link)
2022 - Honest Career Conversations. BlackComputeHer Fellows Organization, New York City
2022 - Quantitative Intersectional Data (QUINTA) and #metoo, WiNS & Diversity NetScience
2022 - New Agendas for Data Justice, United Kingdom
2021 - Quantitative Intersectional Data. University of Alberta, Canada

2021 - The Hustle Economy Academic Workshop, Data & Society
2021 - Intersectionality and Public Health Symposium, The University of Chicago. Chicago, IL
2021 - Intersectionality and Data Science, Women in Data Science (WiDS)-Chicago
2020 - Policy and Ethical Standards of Research, University Missouri Saint Louis, MO
2020 - Critical Conversations: #MeToo and #ChurchToo. Cecil Murray Center for Community Engagement. Los Angeles, CA

# Languages

English (native)
Spanish (reading proficiency)
Italian (reading proficiency)

# Technical Skills

Programming          Python, R, LaTeX, MATLAB, MySQL, C/C++, JAVA, Gephi
Empirical Methods    Mixed Methods, Qualitative & Quantitative Analysis, Inductive Coding