

Christopher A. Crawford, B.A.

Curriculum Vitae

Indiana University-Purdue University Indianapolis (IUPUI)

Cardiometabolic Behavioral Medicine Laboratory

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Education

Doctoral Student in Clinical Psychology

Indiana University-Purdue University Indianapolis (IUPUI)

Emphasis: Clinical Health Psychology

Mentor: Jesse C. Stewart, Ph.D.

B.A. Psychology, 2016

Minor in English

Indiana University South Bend

Associate of Science, 2012

Concentration in Mathematics

Ivy Tech Community College Elkhart

Peer-Reviewed Journal Articles

Crawford, C. & Juricevic, I. (2021). *Structural and contextual frameworks: Interpretation of metaphorical exaggerated size depictions in classical art*. Manuscript submitted for publication. *Psychology of Aesthetics, Creativity, and the Arts*.

Crawford, C. & Juricevic, I. (2020). Understanding Pictorial Metaphor in Comic Book Covers: A Test of the Contextual and Structural Frameworks. *Studies in Comics, 11*(2), 341-359. https://doi.org/10.1386/stic_00034_1

Sridhar, A., Tariq, M., **Crawford, C. A.**, Elmore, L., & Ware, S. M. (2020). The contribution of cilia-related genes to heterotaxy-related congenital heart defects. *Manuscript submitted for publication*.

Crawford, C., Vujakovich, C., Elmore, S., Fleming, E., Landis, B., Spoonamore, K., and Ware, S. (2020). Adolescents with Congenital Heart Disease: A Patient and Parental Perspective of Genetic Information and Genetic Risk. *Cardiology in the Young, 30*(2), 219-226. <https://doi.org/10.1017/S1047951119002646>

Crawford, C. & Helm, B. (2020). How Can Stoic Philosophy Inspire Psychosocial Genetic Counseling Practice? An Introduction and Exploration. *The Journal of Rational-Emotive and Cognitive Behavioral Therapy, 38*, 155-172. <https://doi.org/10.1007/s10942-019-00330-6>

Crawford, C. & Juricevic, I. (2018). Structural and Contextual Frameworks: Distinguishing Literal from Metaphoric Depictions of Exaggerated Size. *Journal of the Indiana Academy of Social Sciences, 21*, 64-79.

- Crawford, C. & Juricevic, I.** (2016). Two Frameworks for the Interpretation of Metaphoric and Literal Size Depictions in Comic Books. *International Journal Of Comic Art*, 18(1), 561-584.
- Crawford, C.** (2016). “Those fenceless fields the sons of wealth divide”: Enclosures and idyllic nostalgia in Goldsmith’s *The Deserted Village*. *Indiana University Undergraduate Research Journal*, 16, 79-85.
- Crawford, C.** (2015). Addressing the idea of a womanless history of psychology in *Untold Lives*. *New Views on Gender*, 16, 13-20.
- Crawford, C.** (2015). Little Albert: Ethics and pragmatics. *Indiana University Undergraduate Research Journal*, 15, 211-220.
- Crawford, C.** (2014). “I wish I was unhappy”: W.E.B. Du Bois’s *Of the Coming of John* as a Greek tragedy. *Indiana University Undergraduate Research Journal*, 14, 140-149.

Manuscripts in Preparation

Shell, A. L., Gonzenbach, V., Sawhney, M., **Crawford, C. A.**, & Stewart, J.C. Associations between affective traits and heart rate variability in primary care patients with depression.

Oral Paper Presentations

- Crawford, C.**, Vujakovich, C., Elmore, L., Fleming, E., Landis, B., Spoonamore, K., and Ware, S. (2019, April). *Understanding the Genetic Contribution to Heart Disease in Children: An Adolescent and Parental Perspective*. Cardiovascular Genetics Clinical and Research Meeting series at Indiana University School of Medicine, Indianapolis, Indiana.
- Crawford, C.** (2018, February). *Clinical Research Recruitment: Ethical Concerns and Optimization in the NICU/PICU*. Cardiovascular Genetics Clinical and Research Meeting series at Indiana University School of Medicine, Indianapolis, Indiana.
- Crawford, C. & Juricevic, I.** (2018, August). *Understanding Metaphor in Art: Distinguishing Literal Giants from Metaphorical Challenges*. Paper presented as part of a symposium titled “Metaphor and Mind: Processing Visual Information in Art”, at the International Association of Empirical Aesthetics Congress, Toronto, Canada. Recorded.
- Crawford, C. & Juricevic, I.** (2016, October). *Understanding Pictorial Metaphor: The Interaction of Context and Structure*. Paper presented at annual meeting of the Indiana Academy of Social Sciences, Westville, IN.

Poster Presentations

National Conferences

- Sridhar, A., Lajiness, J., **Crawford, C.**, Elmore, L., Tariq, M., & Ware, S. (2017, October). *Genetic Causes of Heterotaxy Identified By Whole Exome Sequencing*. Poster presented at The American Society of Human Genetics (ASHG) Meeting, Orlando, Florida.
- Crawford, C. & Juricevic, I.** (2016, May). *How Are Metaphoric Images Understood? A Test of the Contextual and Structural Frameworks*. Poster presented at the 28th Association for Psychological Science Annual Convention, Chicago, Illinois.

Regional Conferences

Sridhar, A., Lajiness, J., **Crawford, C.**, Elmore, L., Tariq, M., & Ware, S. (2017, May). *Exome Sequencing Reveals Multiple Inheritance Patterns and Novel Gene Candidates in Heterotaxy*. Weinstein Cardiovascular Development and Regeneration 2017 Meeting, Columbus, Ohio.

Local Conferences

Crawford, C., & Helm, B. (2017, October). *How Can Stoic Philosophy Inspire Psychosocial Genetic Counseling Practice? An Introduction and Exploration*. Poster presented at the Indiana Academy of Social Sciences Conference, Crawfordsville, Indiana.

Crawford, C. & Juricevic, I. (2016, April). *Structural and Contextual Frameworks: Interpretation of Metaphorical Exaggerated Size*. Poster presented at the Indiana University South Bend Undergraduate Research Conference, South Bend, Indiana. Received judge's honorable mention for presentation.

Crawford, C. & Juricevic, I. (2015, October). *Two Frameworks for the Interpretation of Literal and Metaphor Size Depictions in Art*. Poster presented at the Indiana Academy of Social Sciences Conference, Evansville, Indiana.

Crawford, C. & Juricevic, I. (2015, April). *Two Frameworks for the Interpretation of Literal and Metaphor Size Depictions in Art*. Poster presented at the Indiana University South Bend Undergraduate Research Conference, South Bend, Indiana. Received judge's honorable mention for presentation.

Research Experience

2021-Present

Graduate Research Assistant (R.A.)

Cardiometabolic Behavioral Medicine Lab, IUPUI

Treating Insomnia to Reduce Inflammation In HIV: A Pilot Trial (PIs: Samir K. Gupta, MD, MS, Jesse C. Stewart, PhD)

The primary objective of this pilot trial is to evaluate the effects of cognitive behavioral therapy for insomnia on changes in biomarkers of inflammation in virologically-suppressed, HIV-positive adults with insomnia.

Responsibilities: REDCap database programming, screening patients for eligibility, administering SCISD-R to assess insomnia, implementing suicidal ideation protection protocol as appropriate; working within a multidisciplinary team for assessment visits; data cleaning, scoring, and management; reviewing manuscript drafts

2021-Present

Graduate Research Assistant (R.A.)

Cardiometabolic Behavioral Medicine Lab, IUPUI

Longer-Term Cardiovascular and Psychiatric Consequences of SARS-CoV-2 Infection: Prevalence and Insights into Shared Mechanisms (PIs: Subha V. Raman, MD, Jesse C. Stewart, PhD)

The COVID-CTR project is designed to assess long term consequences of SARS-CoV-2 infection; specifically, the dynamics of psychiatric and cardiovascular outcomes.

Responsibilities: *REDCap database programming; working within a multidisciplinary team for assessment visits; data cleaning, scoring, and management; reviewing manuscript drafts*

2020-Present

Graduate Research Assistant (R.A.)

Cardiometabolic Behavioral Medicine Lab, IUPUI

eIMPACT-DM Pilot Trial: Depression Treatment to Reduce the Excess Diabetes Risk of People with Depression and Prediabetes (PI: Jesse C. Stewart, PhD)

eIMPACT-DM is a pilot randomized control trial aimed at investigating the utility of a modernized depression treatment (eIMPACT) in reducing excess DM risk of depressed primary care patients with DM risk factors and identifying associated mechanisms.

Responsibilities: *Recruitment, screening patients for eligibility, assessing basic cognitive functioning, medical and psychiatric status, and depression status; obtaining informed consent and authorization; implementing suicidal ideation protection protocol as appropriate; working within a multidisciplinary team for assessment visits; training new study personnel; conducting internal audits; data cleaning, scoring, and management; reviewing manuscript drafts*

2019-2020

Post-Baccalaureate Research Volunteer

Department of Psychiatry, Indiana University School of Medicine

Collaborative Study on the Genetics of Alcoholism (COGA) (PI: John I. Nurnberger, MD, PhD)

The COGA is a large-scale family study designed to identify genes that affect the risk for alcoholism and alcohol-related characteristics and behaviors.

Responsibilities: *REDCap database programming, data cleaning, recruitment. Completed training in administering structured interviews, and NIH Toolbox.*

2018-2020

Clinical Research Specialist

Ware Lab, Indiana University School of Medicine

Molecular Genetics of Heterotaxy and Related Congenital Heart Defects (PI: Stephanie Ware, MD, PhD)

This study collects biospecimens and clinical information from patients and families with heterotaxy and heterotaxy-spectrum cardiovascular malformations

Pediatric Cardiomyopathy Mutation Analysis (PI: Stephanie Ware, MD, PhD)

This study collects biospecimens and clinical information from patients and families with cardiomyopathy

Genetics of Heritable Disease (PI: Stephanie Ware, MD, PhD)

This study collects biospecimens and clinical information from patients and families with heritable disease

Cardiovascular Malformation Sequencing in ICU Infants (PI: Stephanie Ware, MD, PhD)

This study collects biospecimens and clinical information from families with infants with cardiovascular malformations who were inpatients at Riley Hospital for Children to assess if genetic syndromes are under-diagnosed in infants with CVM.

Elucidating the PCD-Heterotaxy Spectrum Through Respiratory Phenotyping and Genotyping (PIs: Stephanie Ware, MD, PhD; Stephanie Davis, MD; & Kristen Ameel, MD)

This study performs respiratory phenotyping in individuals and families with heterotaxy to better understand the range of ciliary dysfunction in this population.

Responsibilities: *Concurrently coordinated five active clinical research studies in pediatric cardiovascular genetics. Authored study documents, IRB amendments, and renewals. Conducted literature reviews. Authored and edited manuscripts. Assisted in lab as needed, performing DNA extraction from buccal samples, or preparing samples for shipment. Established an external study site in Malaysia. Evaluated inpatient clinical data and present findings to clinical team. All responsibilities of a "Clinical Study Technician" as listed below.*

2016-2018

Clinical Research Associate

Ware Lab, Indiana University School of Medicine

Molecular Genetics of Heterotaxy and Related Congenital Heart Defects (PI: Stephanie Ware, MD, PhD)

This study collects biospecimens and clinical information from patients and families with heterotaxy and heterotaxy-spectrum cardiovascular malformations

Pediatric Cardiomyopathy Mutation Analysis (PI: Stephanie Ware, MD, PhD)

This study collects biospecimens and clinical information from patients and families with cardiomyopathy

Responsibilities: *Screened, and consented subjects based upon IRB-approved standards in clinical inpatient and outpatient settings. Conducted structured interviews with participants to form pedigrees and family medical histories. Devised, optimized, and implemented standard operating procedures for study participation for external recruits. Programmed, maintained, and compiled data within REDCap database. Abstracted data from participant medical records. Trained and supervised personnel to participate in the initiation, monitoring, completion, and reporting of clinical studies in accordance with good clinical practices (GCP). Performed regular internal audits to maintain quality standards.*

2015-Present

Research Assistant (R.A.)

Cognitive Representations Lab, IUSB

Visual Evaluation of Metaphoric and Literal Exaggerated Size in Comic Books (PI: Igor Juricevic, PhD)

This is an eye-tracking experiment that

Two Frameworks Theory: Participant Understanding of Metaphoric and Literal Exaggerated Size in Comic Books (PI: Igor Juricevic, PhD)

Initial Responsibilities: *Independent review of literature. Summarization and presentation of survey of field in weekly meetings. Identification of overarching trends in literature. Formulation of dichotomous theoretical frameworks. Initially culminated in multiple conference presentations and a first-authored manuscript.*

After Independent Study: *Developed research protocol for eye-tracking experiment, and created study materials. Recruited study participants and facilitated participation. Compiled and analyzed data. Trained undergraduate research assistant to recruit and run participants. Authored manuscripts, abstracts, and posters and presented findings.*

Current Responsibilities: *Assist in the generation of hypotheses and experimental design. Create IRB research protocols, and study documents. Program experiments in Qualtrics. Maintain task delegation and project status via Trello board and bi-weekly emails. Compile data. Assist in analysis. Author and review manuscripts, abstracts, and posters.*

Teaching and Mentoring Experience

Fall 2021

Graduate Teaching Assistant (T.A.)

Assessment I, IUPUI

Responsibilities: Grading assessment reports, grading students in WAIS and WISC certification exams, fielding student questions and emails.

Spring 2021

Graduate Teaching Assistant (T.A.)

Social Psychology, IUPUI

Responsibilities: Grading assignments, fielding student questions and emails.

Fall 2020

Graduate Teaching Assistant (T.A.)

Child and Adolescent Psychology, IUPUI

Responsibilities: Grading assignments, fielding student questions and emails.

2019-2020

Queer Connections Mentoring Program

Mentor, IUPUI

The Queer Connections Mentoring Program connects LGBTQ+ students with LGBTQ+ faculty and staff mentors to assist students in cultivating healthy habits and connecting them with campus resources.

Responsibilities: Received Motivational Interview training as a component of this program. Met bi-monthly with my mentee to help them navigate college life and get connected with campus resources

2017-2018

AQSESS Mentoring Program

Mentor, IUPUI

The Advancing Queer Student Education and Social Success (AQSESS) program connects LGBTQ+ students with LGBTQ+ faculty and staff mentors.

Responsibilities: Attended meetings and training sessions. Helped students navigate college and professional life as LGBTQ+ individuals.

2016

Undergraduate Teaching Assistant (T.A.)

Advanced Lab Capstone, IUSB

Responsibilities: Held office-hours. Reviewed research papers. Taught students to input and analyze their data in SPSS. Verified statistical analyses and assisted in interpretation of results.

2016

Undergraduate Teaching Assistant (T.A.)

Statistical Analysis in Psychology, IUSB

Responsibilities: Graded homework and Scantron tests. Conducted review sessions. Held office-hours. Attended lectures and assisted in the classroom with student questions. Fielded emails from students about lecture topics to aid in comprehension and homework completion.

2015-2016

APA Writing Specialist

English Tutor, IUSB

Responsibilities: Tutored students individually on the concepts of APA writing. Reviewed papers and proposed edits.

Supervised Clinical Experience

2021

Pre-doctoral Practicum Student, Indiana University Hospital Adult Primary Care, Indianapolis, IN

Supervisor: Shelley A. Johns, Psy.D., HSPP, ABPP

Responsibilities: Conducted intake interviews with primary care patients seeking brief psychotherapy services. Led psychotherapy using evidenced-based practices (e.g., CBT, ACT, and DBT) for topics including depression, anxiety, and adjustment. Reviewed charts and provided referral for long-term psychotherapy services. Administered and scored screeners and questionnaires (PHQ-9, GAD-7, WHOQOL-BREF, SUDS).

Other Clinically Relevant Experience

2014-2015

Youth Care Worker

Bashor Children's Home, Goshen, Indiana

Responsibilities: Institutional childcare. Supervised children and adolescents with a range of social and behavioral problems. Assisted residents individually in a classroom setting. Managed individual and group behavior via token economy and behavioral modeling.

Editorial Experience

- 2016 **Association for Psychological Science, Student Caucus (APSSC)
Student Grant Competition Reviewer**
Responsibilities: Reviewed undergraduate grant submissions. Verified sources. Proposed edits.
- 2016 **Indiana University South Bend Undergraduate Research Journal
Co-Editor**
Responsibilities: Reviewed submissions for journal publication. Proposed edits. Communicated with authors to ensure compliance with journal's guidelines.
- 2015 **Indiana University South Bend New Views on Gender
Co-Editor**
Responsibilities: Reviewed submissions for journal publication. Proposed edits. Communicated with authors to ensure compliance with journal's guidelines.

Honors Awards and Scholarships

- 2018 Staff Council Professional Development Grant, Indiana University-Purdue University Indianapolis (\$500)
- 2016 Haines Award for Outstanding Research in Psychology, Indiana University South Bend, IUSB; Excellence in Psychology Award, IUSB; English Department Writing Award, IUSB
- 2015 Smart Travel Grant (\$500)

Service Activities and Leadership

- GoSTEM*, Indiana University-Purdue University Indianapolis (2020-present) **Secretary.**
LGBTQ+ Faculty and Staff Council, Indiana University-Purdue University Indianapolis (2017–2020) **Active Member.**
Advancing Queer Student Education and Social Success (AQSESS) Program, Indiana University-Purdue University Indianapolis (2018-2019) **Administrator.**
Indiana Black Expo, Indiana University-Purdue University Indianapolis Booth (2017) **Volunteer.**
Psychology Club, Indiana University South Bend (2014-2016) **Active Member.**

Professional Affiliations

2018-Present	International Association of Empirical Aesthetics
2016	Association of Psychological Sciences
2015	Indiana Academy of Social Sciences
2015 (Inducted)	Psi Chi
2013 (Inducted)	Phi Theta Kappa

Workshops

SCISD-R Training (2021)

Achieved Provisional Proficiency in administering the SCISD-R.
Jessee R. Dietch, PhD

Suicidality Workshop (2021)

Two session workshop on addressing suicidality in clinical care.
Thomas E Ellis, PsyD, ABPP

Motivational Interviewing Workshop (2020)

Eric Comstock, M.A., LMFT, LCAC

Spiritual and Religious Competencies in Mental Health (2020)

SPARC was an advanced multicultural training seminar on clinical competencies related to spiritual and religious beliefs and practices.

Creating Campus Change Professional Development Series (2019)

Professional Development seminars for LGBTQ+ individuals in higher education.

Motivational Interviewing (2019)

Mallori DeSalle, MA, LMHC, CCMHC, NCC, MATS, CPS

Other Training

Indiana University Training (2021)

Teacher's Assistant Training, FERPA Training, HIPAA Training, Bloodborne Pathogen Training

Collaborative Institutional Training Initiative (CITI) (Nov 2019)

Current certification in Biomedical Research, Social and Behavioral Research, Good Clinical Practices, and Responsible Conduct of Research

Workforce Education Research Knowledge (WERK) Novice Coordinator Education – Level Two Program (Apr 2017)

Indiana Clinical and Translational Sciences Institute (CTSI)

Safe Space and Trans Ally Training, IUPUI LGBTQ+ Center (2017)