

Juan Daniel Pinto

LEARNING SCIENTIST · EDUCATIONAL TECHNOLOGIST · OPEN-SCIENCE ADVOCATE

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Education

University of Illinois at Urbana-Champaign

Urbana-Champaign, Illinois

PH.D. IN CURRICULUM AND INSTRUCTION

(Expected) 2025

- **Emphasis:** Digital Environments for Learning, Teaching, and Agency (DELTA)
- **Advisor:** Luc Paquette
- **Focus:** Educational Data Science

University of Michigan

Ann Arbor, Michigan

M.A. IN EDUCATIONAL STUDIES

August 2020

- **Emphasis:** Design and Technologies for Learning Across Contexts and Cultures
- **Advisor:** Donald Freeman
- **Certificate:** Learning Experience Design
- **GPA:** 4.0

The University of Texas at Austin

Austin, Texas

M.A. IN MIDDLE EASTERN LANGUAGES AND CULTURES

May 2018

- **Emphasis:** Hebrew Applied Linguistics
- **Supervisors:** Esther Raizen, Elaine Horwitz
- **Thesis:** *Creating a Frequency Dictionary of Spoken Hebrew: A Reproducible Use of Technology to Overcome Scarcity of Data*
- **GPA:** 3.97

Brigham Young University

Provo, Utah

B.A. IN ANCIENT NEAR EASTERN STUDIES

April 2016

- **Emphasis:** Hebrew Bible
- **Minors:** Linguistics, Modern Hebrew
- **GPA:** 3.92

Research Experience

Modeling Student Debugging Behavior

Urbana-Champaign, Illinois

RESEARCHER

August 2020 – Present

Project-Based Learning and COVID-19 in a Computational Thinking MOOC

Ann Arbor, Michigan

FIRST AUTHOR

July 2020 – August 2020

Comparing Discussion Posts from One MOOC Hosted on Two Platforms

Ann Arbor, Michigan

CO-AUTHOR

May 2020 – August 2020

Synthetic Phonics for Young EFL Learners (Oranim College of Education)

Kiryat Tiv'on, Israel

JUNIOR RESEARCHER

March 2019 – January 2020

- Conducted quantitative data analysis for experimental study measuring the effectiveness of a synthetic phonics approach to EFL reading education in elementary schools in Israel.

Peace Education During Colombia's Peace Process (University of Michigan)

Ann Arbor, Michigan

GRADUATE RESEARCH ASSISTANT

September 2019 – December 2019

- Manage team of undergraduate researcher assistants under supervision of Dr. Michelle Bellino.
- Translate large data set from Spanish and begin qualitative data coding and analysis.
- Clean, organize, and analyze quantitative data for initial report.

Frequency Dictionary of Spoken Hebrew (University of Texas)

Austin, Texas

AUTHOR (M.A. THESIS)

August 2017 – May 2018

- Planned, conducted, and wrote M.A. Thesis under supervision from Drs. Esther Raizen and Elaine Horwitz.
- Learned to wrangle massive data sets to extract valuable information using Python.
- Developed project organization skills and time management abilities by experiencing the entire breadth of the research process.

Dead Sea Scrolls Editions (Brigham Young University)

Provo, Utah

RESEARCH ASSISTANT

September 2014 - August 2016

- Transcribed, reconstructed, dated, and analyzed biblical scrolls from cave 2Q at Qumran.
- Edited manuscripts for publication.
- Participated in many aspects of the research process, learned to use digital technologies for right-to-left languages, and gained editing experience.

Jewish Pompeii Project (Brigham Young University)

Provo, Utah

RESEARCH ASSISTANT

January 2015 - June 2015

- Conducted research for an in-depth faculty project dealing with the Jewish presence in Pompeii.
- Carried out on-site research in Pompeii and the Naples Museum with research team.
- Contributed to findings that led to multiple peer-reviewed publications by the supervising faculty members.

Ad-Deir Monument Plateau Excavation (Brigham Young University)

Petra, Jordan

STUDENT EXCAVATOR

January 2014 – June 2014

- Excavated as member of the archaeology field school team for the Ad-Deir Monument and Plateau Project.
- Transcribed and translated Nabataean coins as specialist in numismatics and language.
- Experienced archaeological research first-hand in part of this multi-year project, which led to various publications.

Chiasmus Research Project (L. Tom Perry Special Collections)

Provo, Utah

EDITORIAL ASSISTANT

April 2013 - September 2013

- Proofread, checked sources, organized documents, and conducted general research for the Chiasmus Collection at the L. Tom Perry Special Collections of the Harold B. Lee Library.
- Developed understanding of archival research and document management practices.

Religious Education (Brigham Young University)

Provo, Utah

RESEARCH ASSISTANT

September 2012 - April 2013

- Researched, organized, and suggested useful sources for academic papers and research projects to faculty member.
- Proofread and edited papers for presentation and publication.

Teaching Experience

College of Education (University of Illinois at Urbana-Champaign)

Urbana-Champaign, Illinois

GRADUATE STUDENT INSTRUCTOR

August 2020 – Present

- Lead discussion section for students in *Introduction to Digital Learning Environments* course.

School of Education (University of Michigan)

GRADUATE STUDENT INSTRUCTOR

Ann Arbor, Michigan

September 2019 - April 2020

- Lead discussion sections for students in *History of College Athletics* courses taught by John U. Bacon and Scott Westfall.
- Interact with students and provide feedback at every level of their essay writing.
- Expand abilities to prepare and lead engaging discussions.

VIPKid

TEACHER OF ENGLISH AS A FOREIGN LANGUAGE

Online (Remote)

May 2017 - August 2019

- Taught English online to children in China, ages 5–12. Courses taught include general English, phonics, “summer camp” English, and TOEFL Primary prep classes.

International School (Oranim Academic College of Education)

FULBRIGHT ENGLISH TEACHING ASSISTANT

Kiryat Tiv'on, Israel

October 2018 - June 2019

- Led class discussions in various advanced courses (*Academic Writing, Rhetoric, Linguistics*) for future English teachers.
- Designed and taught *English for the Workplace Conversation Course* for international students.
- Prepared digital platform and led workshops for Masa Israel Teaching Fellows.

Center for Middle Eastern Studies (The University of Texas at Austin)

GRADUATE TEACHING ASSISTANT (INTENSIVE MODERN HEBREW)

Austin, Texas

August 2016 - May 2018

- Mentored students in their acquisition of Hebrew language and culture.
- Taught, aided with course organization, provided in-class feedback, graded, held office hours, and addressed student concerns.
- Developed confidence as an educator, both in front of the classroom and in one-on-one settings.

Department of Asian and Near Eastern Languages (Brigham Young University)

ASSISTANT INSTRUCTOR (INTENSIVE BIBLICAL HEBREW)

Provo, Utah

June 2015 - August 2015

- Taught the afternoon sessions of Summer Intensive Biblical Hebrew (HEB 131 and 132) under the direction of a faculty member.

David M. Kennedy Center for International Studies (Brigham Young University)

TEACHING ASSISTANT (INTRODUCTION TO ANCIENT NEAR EASTERN STUDIES)

Provo, Utah

September 2013 - December 2013

- Addressed student concerns, graded papers and exams, and assisted with general course organization for Introduction to Ancient Near Eastern Studies (ANES 201).

Additional Professional Experience

Center for Academic Innovation (University of Michigan)

LEARNING EXPERIENCE DESIGN RESEARCH FELLOW

Ann Arbor, Michigan

April 2020 - August 2020

School of Education (University of Michigan)

ONLINE COURSE TRANSITION ASSISTANT

Ann Arbor, Michigan

March 2020 - May 2020

- Advise and support faculty members with their emergency transition of residential courses to online during the COVID-19 pandemic.
- Gain personal experience on the difficulty of such a transition on short notice and develop insights on ways that current tools and systems can improve to better support instructors and learners during future crises.

Center for Academic Innovation (University of Michigan)

LEARNING EXPERIENCE DESIGN STUDENT RESIDENT

Ann Arbor, Michigan

September 2019 - April 2020

- Work collaboratively with faculty and staff to design, analyze, and implement innovative learning experiences and tools in online and residential environments.
- Gain in-depth understanding of learning design, develop greater project collaboration skills, and experience first-hand the course development process.

Religious Studies Center (Brigham Young University)

Provo, Utah

EDITOR-IN-CHIEF, *Studia Antiqua*

June 2015 - July 2016

- Managed submission requests and coordinated faculty reviews of articles for the student publication *Studia Antiqua*.
- Led team of editors, performed typesetting and polishing using Adobe InDesign, and oversaw final publication of completed issues.
- Implemented a new ePub format for the journal.

David M. Kennedy Center for International Studies (Brigham Young University)

Provo, Utah

COORDINATION ASSISTANT

September 2012 - April 2016

- Organized and managed students, course scheduling, program budget, and faculty meetings for the Ancient Near Eastern Studies major.
- Coordinated all aspects of guest lecturer visits.
- Gained organization skills and learned to oversee a large department budget.

Academic Presentations

Personalizing Digital Learning Environments

Urbana-Champaign, Illinois (Virtual)

RESEARCH EVALUATION AND ACTION PLAN (REAP) SYMPOSIUM

July 2020

Using Data to Inform Learning Experience Design

Ann Arbor, Michigan (Virtual)

ACADEMIC INNOVATION 2020 STUDENT SHOWCASE

April 2020

Panel Participant: The Role Students Should Play in the Design, Collection, and Analysis of Learning Analytics

Ann Arbor, Michigan

ACADEMIC INNOVATION DATA SHOWCASE

February 2020

Creating a Conversational Hebrew Vocabulary List: A Reproducible Use of Technology to Overcome Scarcity of Data

Herndon, Virginia

NATIONAL COUNCIL OF LESS COMMONLY TAUGHT LANGUAGES (NCOLCTL) 21ST ANNUAL CONFERENCE

April 2018

Transitional Semi-Allophonic Spirantization in Tiberian Hebrew

Austin, Texas

JIL JADID GRADUATE STUDENT CONFERENCE IN MIDDLE EASTERN LANGUAGES AND LITERATURES

February 2018

Lexical Variation in the Understanding of *bara'*: Homonymy or Polysemy?

Provo, Utah

STUDENTS OF THE ANCIENT NEAR EAST 8TH ANNUAL SYMPOSIUM

January 2015

Spare [Them] a Little Longer: The Role of Prophetic Intercession in the Preservation of the Lord's People

Provo, Utah

BYU RELIGIOUS EDUCATION STUDENT SYMPOSIUM

2013

Invited Lectures

#merica: History, Culture, and Diversity

Albyan College, Deir el-Asad, Israel

SPARKS OF CHANGE—GALILEE DREAMERS ORIENTATION

February 2019

Words, Collocations, and Technology: Teaching and Learning Vocabulary

MASA ISRAEL TEACHING FELLOWS SEMINAR

Tel Aviv, Israel

January 2019

Language Learning for the 21st Century: Interpersonal Communication Through Digital Communities

TEXAS LANGUAGE CENTER: "LANGUAGE MATTERS!" LECTURE SERIES

Austin, Texas (presented remotely)

October 2018

Publications

Exemplifying Computational Thinking Scenarios in the Age of COVID-19: Examining the Pandemic's Effects in a Project-Based MOOC

(ACCEPTED) *Computing in Science and Engineering (CiSE)*. Preprint:

<https://doi.org/10.22541/au.159853847.70685470>

2020

Lexical Variation in the Understanding of bara': Homonymy or Polysemy?

Studia Antiqua 14, NO. 1 (SPRING 2015): 20–29.

2015

The Sacrificed God and Man's Creation: Nonaggressive Violence in the Mesopotamian Atrahasis

Studia Antiqua 13, NO. 2 (FALL 2014): 14–25.

2014

Honors & Awards

Illinois Distinguished Fellowship

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Urbana-Champaign, Illinois

2020–2023

Summer Pre-Doctoral Institute Fellowship

GRADUATE COLLEGE, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Urbana-Champaign, Illinois

2020

James A. Kelly Learning Levers Development Award

CENTER FOR EDUCATION DESIGN, EVALUATION, AND RESEARCH (CEDER), UNIVERSITY OF MICHIGAN

Ann Arbor, Michigan

2020

Graduate Student Instructorship

SCHOOL OF EDUCATION, UNIVERSITY OF MICHIGAN

Ann Arbor, Michigan

2019–2020

Educational Studies Fellowship

SCHOOL OF EDUCATION, UNIVERSITY OF MICHIGAN

Ann Arbor, Michigan

2019–2020

Love of Learning Award

THE HONOR SOCIETY OF PHI KAPPA PHI

Baton Rouge, Louisiana

2019

J. William Fulbright Fellowship to Israel

J. WILLIAM FULBRIGHT FOREIGN SCHOLARSHIP BOARD

Washington, D.C.

2018–2019

NFMLTA Travel Support Grant for Language Professionals

NATIONAL FEDERATION OF MODERN LANGUAGE TEACHERS ASSOCIATIONS

2018

Love of Learning Award

THE HONOR SOCIETY OF PHI KAPPA PHI

Baton Rouge, Louisiana

2017

Graduate Student Teaching Assistantship

MIDDLE EASTERN LANGUAGES AND CULTURES, THE UNIVERSITY OF TEXAS AT AUSTIN

Austin, Texas

2016–2018

BYU Representative for Phi Kappa Phi Fellowship

THE HONOR SOCIETY OF PHI KAPPA PHI, BRIGHAM YOUNG UNIVERSITY CHAPTER

Provo, Utah

2016

Full Tuition Academic Scholarship

BRIGHAM YOUNG UNIVERSITY

Provo, Utah

2015–2016

ORCA Research Grant

OFFICE OF RESEARCH AND CREATIVE ACTIVITIES, BRIGHAM YOUNG UNIVERSITY

Provo, Utah

2015

Language Facilitator Scholarship

FOREIGN LANGUAGE STUDENT RESIDENCE, BRIGHAM YOUNG UNIVERSITY

Provo, Utah

2015

Kennedy Scholar

DAVID M. KENNEDY CENTER FOR INTERNATIONAL STUDIES, BYU

Provo, Utah

2014–2015

Eugene D. and Edna L. Connor Academic Scholarship

BRIGHAM YOUNG UNIVERSITY

Provo, Utah

2014–2015

Jennifer C. Groot Fellowship

AMERICAN CENTER OF ORIENTAL RESEARCH

Amman, Jordan

2014

Karl G. Maeser Academic Scholarship

BRIGHAM YOUNG UNIVERSITY

Provo, Utah

2013–2014

Extracurricular & Community Outreach**Sunrise Movement**

MEMBER

Normal, Illinois

2020–Present

Shimshit English Club

SENIOR MENTOR FOR ENGLISH STUDENTS AT RAEIM SCHOOL

Shimshit, Israel

2018–2019

Paper Airplanes

ONLINE ESL TUTOR FOR REFUGEES

Remote (online)

2017

Boy Scouts of America - Troop 99

DEN LEADER

Austin, Texas

2016–2017

International Rescue Committee

CIVICS AND CITIZENSHIP ESL TUTOR FOR REFUGEES

Salt Lake City, Utah

2016

Students of the Ancient Near East (Brigham Young University)

PRESIDENT

Provo, Utah

2015–2016

Students of the Ancient Near East (Brigham Young University)

VICE PRESIDENT

Provo, Utah

2013–2015

The Church of Jesus Christ of Latter-day Saints

VOLUNTEER REPRESENTATIVE

Las Vegas, Nevada

2009–2011

Languages

Spanish Native

English Native

Modern Hebrew Superior

Biblical Hebrew Reading

French Conversational

Arabic Limited

Technical Skills

Data Science Python (NumPy, Pandas, Matplotlib, Seaborn, scikit-Learn)

Web Programming HTML, CSS, Javascript, Python, Hugo, Jekyll

Other Adobe Creative Cloud (Photoshop, Illustrator, XD), Git, LaTeX