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Doctoral dissertation working title: *Embodied knowledge: the missing node in the smart city.*
Summer 2026 (envisioned)

Graduate supervisory committee:
- Dr. Alexandrina Agloro
- Dr. Diana Bowman
- Dr. Faheem Hussain
- Dr. Thaddeus Miller

1. RESEARCH INTERESTS

- Governance of urban emerging technologies
- Global, human and social dimensions of science, technology and innovation

2. ACADEMIC EXPERIENCE

2.1 Education

Master of Science in Global Technology and Development (2019)
Arizona State University (ASU)   GPA   3.76/4.0
Tempe, Arizona, United States

Bachelor of Arts in International Relations (2012)
Instituto Tecnológico de Estudios Superiores de Occidente (ITESO)   GPA   4.0/4.0
Guadalajara, Jalisco, Mexico

ITESO Study Abroad Program - (Fall 2011)
Vesalius College
Brussels, Brussels-Capital Region, Belgium

2.2 Funding

2.2.1 Fellowships
ASU Graduate College - Emeritus Faculty Fellowship (GCEFF) Recipient, Spring 2024

School for the Future of Innovation in Society (SFIS) *Graduate Fellowship on Justice Equity and Inclusion - Academic year 2021-2022*
Fellowship awarded at my department to plan, organize, and implement, reported recommendations on the state of diversity and inclusion at the department.

ASU – USAID US Global Development Lab- *Global Development Research Fellowship, Summer 2018 f*
Development studies research in Nazaré-Paulista, São Paulo, Brazil for the Project: "*A transdisciplinary approach to mapping the Cantareira System as a Socio-Technical-Ecological system.* Funded through the United States Agency for International Development (USAID).

ITESO - *Human Excellence fellowship*
Awarded by a partnership between ITESO University and my High School, Colegio Inglés Hidalgo for studying my undergraduate degree at ITESO

2.2.2 Awards
Graduate Professional Student Association (GPSA) - *Assembly member of the year award 2021-2022*

School for the Future of Innovation in Society (SFIS) at ASU Charter Awards:

- Fall 2021 - Innovation in Global Development Award for the core value of access.
- Fall 2020 - Innovation in Global Development Award for the core value of access
- Fall 2018 Global Technology and Development Award for the core values of Access, excellence and impact

2.2.3 Grants
Graduate Professional Student Association (GPSA) Travel Grant Fall 2023

Graduate College Travel Grant- Spring 2021

Grad week 2018 event funding – ASU Graduate and Professional Student Association (GPSA) Grant obtained through the SFIS Graduate Student organization to host and coordinate the participatory workshop "*Arizonian innovation and Latin American (anti)futures*"

2.3 Teaching and Mentoring Experience

2.3. 1 Instructor of record
ASU Interplanetary Initiative - Associate Instructor Fall 2022
IPI 296 Inquiry and IPI 496 Advanced Inquiry using the Big Questions method
Tempe, Arizona, United States

Middle East Entrepreneurs of Tomorrow, Massachusetts Institute of Technology
Summer 2019 Year 2 (Y2)- Co-Instructor
Course: Entrepreneurship
Jerusalem, Israel/Palestine, Middle East

2.3.2 Teaching Assistantships
Graduate Teaching Assistant Fall 2025 term
Course: *GRD 791 Seminar Preparing Future Faculty*. Graduate College
Tempe, Arizona, United States

Graduate Teaching Assistant Spring 2019 term
Course: BME 182 *Biomedical Design & Development I*, School of Biological and Health Systems Engineering
Tempe, Arizona, United States

Graduate Teaching Assistant - Fall 2018 and Fall 2017 terms
Course: FIS 111 *Welcome to the Future*, School for the Future of Innovation in Society (SFIS), ASU
Tempe, Arizona, United States

Graduate Teaching Assistant - Spring 2018 term
Course: FIS 305 *Ways of Knowing*, School for the Future of Innovation in Society, ASU
Tempe, Arizona, United States

2.3.3 Guest lectures
ASU Spring 2024 IPI 341 Designing and Making or an Interplanetary Future online mode) invited by Dr. Eric Stribling. Topic: "Designing inclusive cities"

ASU Fall 2023 FIS Welcome to the Future (online mode) invited by Dr. Alexandrina Agloro. Topic: "Cities of the future".

2.3.4 Undergraduate mentoring
ASU Engineering Projects in Community Service program (EPICS) – Design reviewer Spring 2020.
Assessment of the design and prototypes of engineering students working in a social impact challenge.

2.4 Publications

2.4.1 Academic publications
(Under review) Najar Arevalo. F. Review of Bender, Emily, and Alex, Hanna. *The AI Con: How to Fight Big Tech's Hype and Create the Future We Want*. First edition., Harper, and imprint of Harper Collins Publishers, 2025. HASTAC Scholars collaborative book review.

Min-Venditti, A., Friedman, L., Najar Arevalo, F., Cruz, L., Jenik, A., & Agloro, A. (2026). In the Spirit of Kitchen Tables: A Conversation on Citation and Politics. *KULA: Knowledge Creation, Dissemination, and Preservation Studies, 9*(1), 1–11. https://doi.org/10.18357/kula.303

Hajric, E., Najar Arevalo, F., Bruce, L., Smith, F. A., & Michael, K. (2024). *Facial Emotion Recognition in the Future of Work: Social Implications and Policy Recommendations. IEEE Transactions on Technology and Society*, 1–10. https://doi.org/10.1109/TTS.2024.3477512

McAslan, D., Kenney, L., Najar Arevalo, F., King, D. A., & Miller, T. R. (2024). *Planning for uncertain transportation futures: Metropolitan planning organizations, emerging technologies, and adaptive transport planning*. Transportation Research Interdisciplinary Perspectives, 24, Article 101055. https://doi.org/10.1016/j.trip.2024.101055

https://www.sciencedirect.com/science/article/pii/S2590198224000411

McAslan, D., Najar Arevalo, F., King, D. A., & Miller, T. R. (2021). *Pilot project purgatory? Assessing automated vehicle pilot projects in U.S. cities*. Humanities & Social Sciences Communications, 8(1), 1–16. https://doi.org/10.1057/s41599-021-01006-2

Najar Arevalo, F. (2020) *Decoding the Public interest of Aarogya Setu, contact tracing app for managing the COVID19 pandemic in India*, IEEE International Symposium on Technology and Society (ISTAS) pp. 508-512, doi: 10.1109/ISTAS50296.2020.9462225. https://ieeexplore.ieee.org/document/9462225

2.4.2 Publications under submission

Najar Arevalo, F., McAslan, D., & Miller, T. R (2026 expected) *Public Value Mapping in the Smart City: Assessing Emerging Urban Technologies.* Manuscript submitted for publication.

Najar Arevalo, F., Brown, S. Hussain, F. (2026 expected) Refugees and ICTs: A Scoping Review. Manuscript submitted for publication.

2.4.3 Publications in grey literature

Stopher, P. R., Magassy, T. B., Pendyala, R. M., McAslan, D., Najar Arevalo, F., & Miller, T. (2021, August). *An evaluation of the Valley Metro–Waymo automated vehicle RideChoice mobility on demand demonstration: Final report* (FTA Report No. 0198). Arizona State University; Federal Transit Administration, Office of Research, Demonstration and Innovation. https://doi.org/10.21949/1520684

2.4.4 Publications in popular writing

"Smart cities through social innovation" (Spanish)
IoT Republic magazine – July-August 2017 issue
Pages 20-21, retrievable at https://goo.gl/ddjQu6

"A seedbed of minds" (Spanish)
IoT Republic magazine – January-February 2017 issue
Pages 51-52 retrievable at https://goo.gl/uWL7UL

"Open Data Day Guadalajara 2016" (Spanish and English)
Codeando México blog, retrievable at https://red.novagob.org/open-data-day-guadalajara-2016/

2.5 Extra courses

Data Strategies for Smarter Cities and Resilient Communities (Online-June 2025)
ASU Career Catalyst

Participatory Water Methods (Online-June 2025)
ASU Career Catalyst

Smart Communities: Definitions, Myths, History, & Future (Online-April 2025)

ASU Career Catalyst

CPR/AED & First Aid Certification (March 2025- expiration March 2027)
Maricopa County Human Services Workforce Development Division

Cars in Cities: Challenges and Alternatives. (Online-March 2025)
ASU Career Catalyst

Designing Feminist Research, with The New School (Fall 2023 on Zoom)

Inclusive and non-exclusive language (use in Spanish), provided by Mexico's Museum of Memory and Tolerance (June 2020 on Zoom)

Project Management Techniques for Development Professionals by the Inter-American Development Bank (EDx MOOC, June 2016)

Project Management Basics by the project Management Institute, Guadalajara Chapter (December 2013)

2.6 Academic events and conferences

2.6.1 Conferences presentations
ASU Future of Learning Communities (FOLC) Fest
"AI in Higher Ed: Dilemmas and Dialogue" (2 panels):
Play presentation: *AI Theatre: Learning Revolution or Technology's Takeover?* – Cast member
Panel discussion: *To AI or to not AI: The Graduate Student's Dilemma* – Moderator
February 2025
Tempe, Arizona, United States

Automation and Human Labor in Content Moderation and Beyond
Legal Script
September 12, 2024
Online on Zoom

Annual meeting of the Society for Social Studies of Science (4S)
Panel: "Uninhabitable? Decolonizing the Promise and Politics of Dwelling from Subnautical to Suborbital."
Presentation: *Pedagogy of interplanetary habitability: designing livable cities in space*
November 2023
Honolulu, Hawaii

International Conference on Anticipation 2022
Curated Session: *Feminist anticipation across layers of smartness: Social implications and risks*
Presenters: Toby Shulruff, Elma Hajric and Farah Najar Arevalo
November 16-18th 2022
Tempe, Arizona, United States

[Conference on Governance of Emerging Technologies and Science (GETS 2022)](#)
Panel: "Automated Transportation"
Presentation: *Emerging Technologies in Urban Mobility: A Qualitative Analysis of Regional Planning in the USA*
May 19 -20th, 2022
Phoenix, Arizona, United States

[International Studies Association (ISA) Annual Convention 2022](#)
Panel: "Fresh Perspectives in Feminist Political Economy"
Presentation: *Smart cities in the global development agenda: a process and place*
March 28th - April 2nd, 2022
Nashville, Tennessee, United States

[IEEE's International Symposium on Technology and Society (ISTAS 20)](#)
Panel: "Public Interest Technology New America Graduate Student Panel"
Presentation: *Decoding the Public Value in Arogya Setu, the contract tracing app to manage the COVID19 in India*
November 12-15th, 2020
Online on Zoom

[University of Sussex SPRU 26th Annual Science Policy Research Unit (SPRU) PhD Forum](#)
Panel: Information Technologies: Practices, Imaginaries, and Futures with the presentation *A Feminist analysis of the Smart city*
May 2020
Online on Zoom. [Recording available](#)

[New America Public Interest Technology (PIT) University Network](#)
Panel: Graduate student led PIT
Online on Zoom. Recording available

ASU Sandra Day O'Connor College of Law, Center for Law, Science and Innovation, Seventh Annual Conference on Governance of Emerging Technologies
Poster presentation "*Effectiveness of Digital Civic Engagement (DCE) tools in the city's development: a comparative analysis*"
May 2019, Phoenix, Arizona, United States

ASU's School of Sustainability, Global Development Research program
Celebrating ASU's Global Development Research Program
Poster presentation "*A transdisciplinary approach to mapping the Cantareira System as a Socio-Technical-Ecological system*".
May 2018, Tempe, Arizona, United States

2.6.1 Conferences and academic events organized
ASU Consortium for Science, Policy & Outcomes (CSPO)
Community Conversation on Nuclear Waste Management
Table facilitator
June 2025, Phoenix, Arizona, United States

ASU Consortium for Science, Policy & Outcomes (CSPO) and Arizona Science Center
Editing Our Genome? Public Forums on Framing Our Biological Futures
Table facilitator
September 2021, Phoenix, Arizona, United States

ASU Consortium for Science, Policy & Outcomes (CSPO)
We Are the Internet: U.S. Community Forums
Table facilitator
October 2020, on Zoom during the COVID19 pandemic

ASU Consortium for Science, Policy & Outcomes (CSPO)
Our Driverless Futures: Community Forum on Automated Mobility (Participatory Technology Assessment)
Table facilitator
May 2019, Phoenix, Arizona, United States

ASU Consortium for Science, Policy & Outcomes (CSPO)
Cooling a Warming Planet? A Public Forum on Climate Intervention Research Participatory Technology Assessment)
Table facilitator
September 2018, Phoenix, Arizona, United States

3. WORK EXPERIENCE

3.1 Research Experience
Graduate Research Assistant (GRA) and Graduate Service Assistant (GSA)- College of Global Futures at Arizona State University performing different research management tasks (IRB management) from design to participant recruitment, collection and results presentation.

- GSA with the Hydro-Frontier: Devices for Resource Extraction in the 20th Century collaborative Lab under the supervision of Dr. Christy Spackman. June-August 2025. Topic: governance of Water Membrane Filtration (MFT) in AZ.
- GSA with the [Arizona Consortium for Community Engagement, Innovation, and Learning on Consent-Based Siting (CCEIL-AZ)-](#) Under the supervision of Dr. Nicholas Weller. Fall 2023 – May 2025 Topic: nuclear waste siting and community engagement.
- GSA with the School for Complex Adaptive Systems under the supervision of Dr. Michael Simeone Summer 2023 Topic: scientific interinstitutional collaboration.
- GSA with the School of Sustainability under the supervision of Dr. Jennifer Vanos Summer 2023 Topic: Hispanic community engagement on Air quality platforms.
- GSA under the supervision of Dr. Alexandrina Agloro (2022-223) and Dr. Faheem Hussain (Summer-Fall 2023) Topic: ICT in the displacement context and Human Systems Integreation in birth work technologies
- GRA at the SFIS Justice, Equity, Diversity and Inclusion Taskforce current tasks included documentation of projects and processes, mapping similar initiatives in other departments and universities. 2021-2022

- GSA at the Civic Science Environmental Futures Collaborative Under the supervision of Dr. Kirk Jalbert. Spring and Summer 2021. Topic: Falcon Pipeline and community engagement.
- Graduate Research Assistant at the Center for Smart Cities and Regions, ASU 2019-2020 academic year under the supervision of Dr. Thaddeus Miller. Fall 2019- Fall 2020 Tempe, Arizona, USA Topic: regional and local governance of autonomous transportation.

Research Coordinator - October 2016 to July 2017
Guadalajara Ciudad Creativa Digital Trusteeship, Government of the state of Jalisco
Guadalajara, Jalisco, México

3.2 Other work Experience
Project Manager Jr. – October 2013 to September 2016
Instituto Jalisciense de Tecnologías de la Información (IJALTI)
Guadalajara, Jalisco, Mexico

3.3 Internships (during masters studies)
City of Tempe Strategic Management Intern Program – February to April 2019

3.4 Internships (during undergraduate studies)
Kineos (economic development and strategic planning consultancy firm) - Summer 2012
Guadalajara, Jalisco, Mexico

Consular section of the Embassy of Mexico to the Kingdom of Belgium, Luxembourg and Mission to the European Union - Fall 2011

Office of International Cooperation for Development at the International Affairs Direction, Government of the state of Jalisco - Spring 2011
Guadalajara, Jalisco, México

3.5 Service and Volunteering

3.5.1 General service and volunteering

- Copper Sate Beer Festival (Arizona Largest craft beer festival). Set up and decoration. January 2026, Mesa Arizona.

- Lululemon and Phoenix Run Club cheer station at the Rock 'n' Roll Arizona Phoenix & Scottsdale half marathon, 10K, 5K, race. Runner encouragement in the last 3 miles point. January 2026, Phoenix, Arizona.

- Open Streets Tempe. Event set up. Free annual event in downtown Tempe where streets are closed for cars and non-motorized movement is encouraged. April 2025, Tempe, Arizona.

- REVIVAL Wellness Festival (wellness event that combines different fitness modalities and recovery hydrotherapies). Visitors check in, July 2025, Scottsdale Arizona; and set up and decoration August 2025, Phoenix, Arizona.

- Indigenous Birth Conference, set up and decoration May 2025, Tempe, Arzona; and visitors check in May 2023 Phoenix, Arizona.
- USAID & UK Research and Innovation (UKRI) Inclusive Digital Development Workshop Notetaker July 2021. Tempe, Arizona

3.5.2 Service at ASU graduate student organizations:

- Gen AI Graduate. Fall 2023- Fall 2025 Graduate Student committee to discuss and propose policy recommendations to ASU on the incorporation of Artificial Intelligence tools.
- Assembly President, Graduate Professional Student Association (GPSA) term May 10th, 2022, to May 9TH 2023
- SFIS assembly member representative at GPSA assembly– 2021-2022 academic year
- Mexican Graduate Student Association-Event planning Officer – Fall 2020 to Fall 2021
- School for the future of Innovation in Society Graduate Student Organization (SFIS GSO), Spring 2018 and Fall 2018 – Special projects and Events coordinator
- #DayWithoutCars at ASU Day 2018: engaging people to spin a wheel and provide transportation trivia and encouraging to take any transportation alternative to a single-occupancy car ride

3.5.3 International Civil society service

- Bikemaps.org translator - Fall 2018 and Spring 2019
- Meetroopers (National network for entrepreneurship, innovation and technology communities). September 2016 to July 207: Cochair
- Codeando México (tech NGO) October 2015 to July 2017
- Internet Society, Mexico Chapter. Rapporteur for the Smart Cities conferences in the framework of the United Nations Internet Governance Forum (IGF) 2016.
- United Nations Online Volunteering Program October 2013 to Summer 2015. Searched news and publications about women's rights, gender equality for the blog posting of the nigerian NGO Delta Women (in English, Spanish and French).

3.5.4 Academic journals reviewer

- World Futures Review (1 article) Spring 2023
- Current Issues Education (3 articles) AY 2023 – 2024
- IFIP Cape Town Working Group 9.4 Working Group 9.4 of the International Federation of Information Processing (IFIP) on the Implications of Information and Digital Technologies for Development 2023 (2 articles)-Fall 2023

4. SKILLS

4. 1 Interpersonal Skills

- Foreign languages: Spanish as first language, advanced proficiency in English, fluent in French and Portuguese
- Creative problem solving

- Teamwork and inclusive collaboration
- Global & intercultural fluency
- Learnability
- Project management

4.2 Technical skills

- Qualitative research (PM, administrative, data)
- Digital skills: Microsoft Office Suite
- Digital readiness

5. OTHER

5.1 Media
ASU Space for Humans YouTube channel
[Spotlight on New Spacefaring Nations: Mexico + Argentina (Ft. Farah Najar Arevalo)](#)
November 2025

ASU Space for Humans YouTube channel v1
[En el Spotlight de las Nuevas Naciones Espaciales: América Latina y el Caribe](#)
In Spanish, English subtitles available
March 2025
ASU Space for Humans YouTube channel v2
[Spotlight on New Spacefaring Nations: Latin America + the Caribbean](#)
March 2025

ASU News
[Humanities Institute hosts Writing Studio to foster community](#)
August 2024

ASU Space for Humans YouTube channel
[First video clip of the channel on "What a Space Toilet Can Teach Us About Inclusive Design](#)
February 2024

College Magazine [article](#).
The Ins-N-Outs of Student Government: An Interview with Arizona State's GPSA Assembly President
Spring 2023

ASU Interplanetary Initiative YouTube channel
Spring Transmission
[Instructor Highlight](#) Spring 2023

ASU News
[Developing public interest technology for the future](#)
December 2020

City of Tempe YouTube channel
Internship experience video
March 2019

5.2 Sports accomplishments
2026 Brand ambassador + Signed up for the 10K race
51ST Annual Phoenix10K, 5K and Half Marathon
November 8th, 2026
Scottsdale, Arizona, United States

10K completed in the *Mesa Marathon*
February 14th, 2026
Mesa, Arizona, United States

5K completed in the *50th Annual Phoenix10K, 5K and Half Marathon*
November 9th 2025
Scottsdale, Arizona, United States

5K completed in the *4Peaks Race Runnin' for the Bräts!*
October 11th, 2025
Tempe, Arizona, United States