

Juan C. Noguera

Email: jcnfaa@rit.edu | <https://www.noguera.design>

EDUCATION

Rhode Island School of Design

Master of Industrial Design (MID)

Thesis: *Resonance: New Waves in Product Distribution*

Providence, RI, USA

Aug 2013 - May 2015

Universidad Rafael Landivar

Bachelor of Industrial Design (BID)

Magna Cum Laude

Guatemala City, Guatemala

Jan 2005 - October 2009

ACADEMIC APPOINTMENTS

Rochester Institute of Technology

Rochester, NY

- Assistant Professor, Industrial Design | August 2022 - Present

Maryland Institute College of Art

Baltimore, MD

- Full-Time Faculty, Product Design | Jul 2019 – Jul 2022

Universidad Francisco Marroquín (UFM)

Guatemala City, Guatemala

- Full-Time Faculty, Product Design | Jul 2016 – Jul 2019

Universidad Rafael Landivar

Guatemala City, Guatemala

- Part-Time Faculty, Industrial Design | Jan 2010 – Aug 2013

EDUCATIONAL LEADERSHIP AND ADMINISTRATION

- **Maryland Institute College of Art (MICA) — Baltimore, MD**

Chair, Product Design Program | Jul 2021 – Jul 2022

Managed day-to-day activities of the BFA Product Design program, including curriculum development, scheduling, faculty hiring, and facilities management.

- **Universidad Francisco Marroquín (UFM) — Guatemala City, Guatemala**

Director, Product Design Program | Jul 2016 – Jul 2019

Administered all areas of the program, designed curriculum, and taught in rapid prototyping, product ideation, and multidisciplinary collaboration.

APPLIED / PROFESSIONAL EXPERIENCE

- **MOVELab, Harvard School of Engineering and Applied Sciences**

Special appointment | April – November 2025

Worked in the industrial design, usability, and product prototyping phase of the Reachable upper arm robotic prosthetic product for stroke patients.

- **Studio NO / Design Consultancy**

Founder | July 2016 – Present

Worked with industry-leading startups and tech companies in the development of cutting-edge products and concepts in the robotics, health, and consumer product industries.

- **Electroninks Incorporated / Austin, TX**
Lead Designer & Member of Advisory Board | July 2016 – Present
 Helped launch the “Circuit Scribe” educational toy platform after a successful Kickstarter campaign, created a product line that has been sold in retail stores worldwide and has received numerous toy awards.
- **Voxel8, Inc. / Somerville, MA, USA**
Lead Industrial Designer | June 2015 – July 2018
 Collaborated with a team of Mechanical, Electrical, and Software engineers in the design of 3D Printers and their entire user ecosystem, comprised of hardware (design for manufacturability), software (User Interface/Experience Design), and visual image (graphic design, packaging). Helped design the award-winning Developer’s Kit, the world’s first 3D Electronics printer, and created industry-leading additive manufacturing solutions.
- **Harvard School of Engineering and Applied Sciences**
Design Intern | June 2014 – August 2014
 Worked in a multidisciplinary research and development environment in the creation and visualization of novel 3D printing technologies and products under the guidance of Professor Jennifer Lewis. Collaborated with both mechanical engineers and computer science specialists within the Lewis research group.
- **Design Without Borders / Oslo, Norway**
Industrial Designer | March 2011 – September 2012
 Part of an interdisciplinary team that worked in Antigua Guatemala. Created wheelchairs for children with special needs, suited for the developing world. Designed products through co-creation with local technicians and collaborated with a local non-profit.
- **Intelligent Mobility International**
Project Coordinator and Lead Designer | November 2008 – March 2011
 Led wheelchair and mobility product design, production, and distribution in Guatemala. Collaborated with a local non-profit and Caltech Alumni.
- **Colgate-Palmolive Corporation / Guatemala City**
Design Consultant | March – June 2007
 Developed a new safety signage system to ISO/ANSI standards to standardize the visual identity of Colgate’s production plant.

RESEARCH / CREATIVE SCHOLARSHIP

My research and creative practice examine how emerging technologies, such as AI-driven design workflows accelerate ideation, prototyping, and manufacturability across product development; how digital–physical toolchains (CAD, additive manufacturing, electronics integration) improve design outcomes; and how traditional craft knowledge can be translated, ethically and transparently, into contemporary products through advanced manufacturing. A parallel thread studies human–AI collaboration in design education, documenting pedagogies, assessment, and professional readiness.

Current lines of inquiry:

AI in product realization: prompt-to-prototype pipelines connecting image models, CAD, and rapid fabrication; process documentation and repeatability in studio/industry settings.

Craft × advanced manufacturing: collaborations with artisans to reinterpret traditional forms via parametric modeling and AI-assisted visualization.

Assistive/health products and wearables: design for reliability, ergonomics, and manufacturing at pilot scale (components, enclosures, fixtures, and test rigs).

Design education & ethics: reproducible classroom methods for integrating AI, evaluation rubrics, and stakeholder transparency.

AWARDS AND HONORS

- **Vilcek Foundation** — *Award for Creative Promise in Design* — **2024**
National prize recognizing emerging–mid-career immigrant designers in the U.S. for significant early-career contributions; includes profile and juried selection.
<https://vilcek.org/prizes/prize-recipient/juan-carlos-noguera/>
- **European Cultural Centre (ECC), Venice** — *Award for University & Research Projects* — **2024**
RIT School of Design cohort recognized at the ECC's "Personal Structures" exhibition in Venice during the Biennale, specifically for the piece "PastFastForward" in collaboration with Professor Paolo Cardini.
<https://www.rit.edu/news/faculty-exhibit-venice-earns-european-cultural-centre-award>
- **Morfos / INDIS** — *Distinguished Professional* — **2020**
Honor from Latin American design organizations acknowledging professional impact and regional leadership.
<https://books.apple.com/ec/book/morfos-2020-diseño-industrial-landivariano-volumen-i/id1608080211>
- **Avianca Magazine** — *100 Latinos that Create and Inspire a Better Future* — **2019**
Editorial recognition spotlighting influential Latin American innovators across disciplines.
<https://apps.apple.com/us/app/avianca-en-revista/id641348376>
- **MIT Technology Review** — *Innovators Under 35* — **2017**
Selected for early-career innovation in applied technology and product design.
<https://www.innovatorsunder35.com/the-list/juan-carlos-noguera/>
- **Mom's Choice Awards** — *Drone Builder Kit* — **2018**
Consumer/education award acknowledging quality and learning value of the product line.
<https://store.momschoiceawards.com/product/8069>
- **Toy of the Year (TOTY) Awards** — *Activity Toy of the Year, Runner-up: Circuit Scribe Maker Kit* — **2017**
Industry-juried recognition for excellence in STEM/creative play.
<https://www.prnewswire.com/news-releases/2017-toy-of-the-year-toty-award-finalists-unveiled-by-toy-industry-association-300366551.html>

- **Creative Child Awards** — *Kid's Product of the Year: Circuit Scribe Maker Kit* — **2017**
Parent/educator review program honoring top products in children's categories.
<https://awards.creativechild.com/product/1866-circuit-scribe-maker-kit>
- **Academics' Choice** — *Brain Toy of the Year* — **2017**
Education-focused award recognizing cognitive/learning merit in toys.
<https://www.academicschoice.com/toys/maker-kit.php>
- **Edison Awards** — *Gold, Manufacturing: Voxel8 Developer's Kit* — **2015**
Top prize for innovation and commercial impact in manufacturing technology.
https://www.prweb.com/releases/winners_honored_at_edison_awards_in_new_york_city/prweb12671086.htm
- **Edison Awards** — *Silver, Technology: Circuit Scribe STEM toy* — **2015**
Top prize for innovation and commercial impact in technology applications.
https://www.prweb.com/releases/winners_honored_at_edison_awards_in_new_york_city/prweb12671086.htm
- **R&D 100 Awards** — *Voxel8 Developer's Kit* — **2015**
International award honoring one of the year's notable research-to-market technologies.
<https://www.rdworldonline.com/featured-rd-100-award-winner-voxel8-developers-kit/>
- **Fulbright Scholar (U.S. Department of State)** — **2013–2015**
Graduate study/research support; cross-cultural academic exchange during RISD master's.
- **Rhode Island School of Design (RISD)** — *President's Scholarship; Society of Presidential Fellows* — **2013–2015**
Competitive merit scholarship and leadership/fellows cohort with mentoring and institutional service.
<https://www.risd.edu/giving/initiatives/society-presidential-fellows>

GRANTS

- **SENACYT — Secretaría Nacional de Ciencia, Tecnología e Innovación (Panamá) — USD \$30,000**
Project: *Creativity for Engineers* (MPPS module) with Universidad Tecnológica de Panamá (UTP)
Role: Principal Investigator (with UTP collaborators)
Scope: Designed and executed an applied design-pedagogy module ("Creatividad para Ingenieros") for industrial engineering students; AI-supported ideation and prototyping toolkits; joint RIT–UTP deliverables.
Outcomes: Two peer-reviewed publications (in **Sustainability** and **Applied Sciences**), curriculum materials, and dissemination workshops.
Year(s): 2024–2025
Agency URL: <https://www.senacyt.gob.pa/>

- **Rotary International — USD \$30,000 — 2010**
Project: *Appropriate Mobility: Pediatric & Adult Wheelchair Design and Deployment* (Guatemala / Central America / India)
Partners: Transitions Foundation (Antigua Guatemala); California Institute of Technology (Caltech)
Role: Project Coordinator & Lead Designer
Outcomes & Impact: New wheelchair model developed, built, and distributed in Guatemala and across the Central American region; also produced in southern India by **Callidai Motorworks**.
Agency URL: <https://www.rotary.org/>

PUBLICATIONS (starting with most recent)

Peer-Reviewed

- **Castaño, C.E.; Caballero, R.; Noguera, J.C.; et al. (2025). AI-Enhanced Manufacturing in Latin America: Opportunities, Challenges, Applications, and Regulatory Policy Frameworks for Intelligent Production Systems. *Applied Sciences*, 15(20): 11056.**
URL: <https://www.mdpi.com/2076-3417/15/20/11056>
DOI: <https://doi.org/10.3390/app152011056>
- **Castaño, C.E.; Caballero, R.; Noguera, J.C.; et al. (2025). Developing Sustainability Competencies Through Active Learning Strategies Across School and University Settings. *Sustainability*, 17(19): 8886.**
URL: <https://www.mdpi.com/2071-1050/17/19/8886>
DOI: <https://doi.org/10.3390/su17198886>
- **Castaño Reyes, C.E.; Bernal Mojica, B.; Noguera Cardoza, J.C. (2024). Enhancing Engineering Competencies through Sustainable Design: A Project- and Problem-Based Learning Approach for Industrial Engineering Students. In: *LACCEI 2024 – Sustainable Engineering for a Diverse, Equitable, and Inclusive Future...*, San José, Costa Rica, July 17–19.**
URL: <https://laccei.org/LACCEI2024-CostaRica/meta/FP743.html>
- **Cardini, P.; Noguera, J.C. (2023). Modern Tools, Ancient Skills: An Attempted Dialogue between AI, Design and Traditional Craft. *Tradition-Innovations in Arts, Design, and Media Higher Education*, 1(1), Article 10.**
URL: https://oasis.library.unlv.edu/tradition_innovations/vol1/iss1/10/ •
DOI: <https://doi.org/10.9741/2996-4873.1019>.

Invited Publications / Writings

- **Noguera, J.C.; Weis, T. (2025). A Symbol Reimagined: Merging Tradition and Technology in the Doomsday Clock. - *PRINT Magazine*.**
URL: <https://www.printmag.com/ai/reimagining-the-doomsday-clock-for-new-era/>
- **Noguera, J.C. (2023). Generative AI is about to upend the way designers work. *Fast Company***
URL: <https://www.fastcompany.com/90858159/generative-ai-is-about-to-upend-the-way-designers-work>

- **Noguera, J.C. (2023). Embracing AI in Art and Design as a Transformative Tool.** *U.S. News & World Report* (Op-Ed).
URL: <https://www.usnews.com/opinion/how-will-ai-impact-the-future-of-work/ai-in-design-as-a-transformative-tool>.

INVITED TALKS, PRESENTATIONS, WORKSHOPS, DEMOS (starting with most recent)

- **GenAI & Creative Practices — University of Amsterdam** — Amsterdam, NL
Panelist: “GenAI & Creative Practices: Past, Present, Future” — **Dec 2025**
Presenting new work and perspectives on the use of AI in professional design practice and education.
URL: <https://rdt.uva.nl/content/events/2025/12/genai--creative-practices-conference.html>
- **ACAAI Forum XI — Universidad Del Valle** — Guatemala City, Guatemala
• **Keynote Speaker:** “AI + Education: Reimagining Continuous Improvement” — **Nov 2025**
Headline speaker for the yearly Central American Accreditation Entity for Architecture and Design organization (ACAAI) forum.
URL: <https://acaai.org.gt>
- **Mosaico Festival — Isthmus University** — Panama City, Panama
Lecture: “AI in Industrial Design” — **Fall 2024**
Headline speaker for the yearly Mosaico festival at Isthmus University, joined by other distinguished professionals in design and architecture.
URL: <https://isthmus.edu.pa/mosaico/>
- **RIT Summer Institute + AI Symposium (Center for Teaching & Learning)** — Rochester Institute of Technology
Talk: “Generative AI in Art and Design: Teaching Beyond Boundaries” — **May 2024**
Organized by RIT’s CTL; invited campus-wide session on integrating generative AI into curricula.
URL: <https://www.rit.edu/teaching/2024-summer-institute>
- **Vértice Festival — Universidad Rafael Landívar (URL)** — Guatemala City, Guatemala
Keynote Speaker — **Fall 2023**
Festival organized by URL’s School of Design and Architecture in celebration of its 50-year trajectory.
URL: <https://verticefestival.url.edu.gt/>
- **Universidad Tecnológica de Panamá (UTP) — Industrial Engineering Department** — Panama (virtual)
Webinar: Introduction to Industrial Design & Design for Manufacture Techniques — **Fall 2023 & Fall 2022**
Invited yearly webinar for Industrial Engineering students interested in design and DFM.
- **RIT Board of Trustees Discussion Panel** — Rochester Institute of Technology
Panel: “Opportunities and Challenges of AI” — **July 2023**
Invited panel at the RIT Board of Trustees meeting addressing campus-wide policy and practice around generative AI.

REFEREED CONFERENCE PRESENTATIONS (starting with most recent)

- **LACCEI 2024 — 22nd Annual Latin American and Caribbean Conference for Engineering and Technology** — San José, Costa Rica — **July 17–19, 2024**
Presentation: “Enhancing Engineering Competencies through Sustainable Design: A Project- and Problem-Based Learning Approach for Industrial Engineering Students.”
Authors: C. E. Castaño Reyes; B. Bernal Mojica; **J. C. Noguera Cardoza** (co-author/presenter); et al.
Type: Refereed conference paper & oral presentation
URLs: Conference record: <https://laccei.org/LACCEI2024-CostaRica/meta/FP743.html>

REFEREED EXHIBITIONS/SCREENINGS/COLLECTIONS (starting with most recent)

- **Personal Structures 2024, European Cultural Centre (ECC)**
Venice, Italy, **Apr 20 – Nov 24, 2024**
Venue(s): Palazzo Mora, Palazzo Bembo, Marinaressa Gardens
Role: Exhibitor (RIT College of Art and Design group show “**Cultural Disruptors**”)
Notes: Curated/juried exhibition organized by ECC and presented during the Venice Art Biennial; the RIT group received the **ECC University & Research Projects Award**.
URLs:
Exhibition page: <https://ecc-italy.eu/exhibitions/2024art>
RIT: <https://www.rit.edu/news/venice-art-biennial-showcases-rits-extensive-creative-community>
Award news: <https://www.rit.edu/news/faculty-exhibit-venice-earns-european-cultural-centre-award>.

NON-REFEREED CONFERENCE PRESENTATIONS (starting with most recent)

- **EvolveDrupal — NYC 2024** — New York, NY — **Sep 2024**
Talk: *AI-Driven Design in Education*
Type: Invited conference talk (industry/community event)
URL (talk recording): <https://www.youtube.com/watch?v=DOOnLoVmTk0o>
Event info: <https://www.evolvedigital.com/about>
- **IDSA — Designing with AI Deep Dive 2024** — Virtual — **Apr 3–4, 2024**
Session: Invited presentation in IDSA’s themed Deep Dive on AI
Type: Curated professional conference (not peer-reviewed)
URL (event): <https://www.idsa.org/conference-details/designing-with-ai-deep-dive-2024/>
Schedule: <https://www.idsa.org/conference-details/designing-with-ai-deep-dive-2024/designing-with-ai-deep-dive-2024-schedule/>
- **Iberoamérica Diseña, Foro Iberoamericano de Investigación y Diseño**
Madrid, Spain, **October 2023**
Talk: Lecture on AI in research and education (invited)
Type: Curated forum (association event)
URL: <https://iberoamericadisena.com/>

- **Bogotá Design Festival** — Bogotá, Colombia — **2023**
Talk: Generative AI & craft-based project (invited) “PastFastForward” In collaboration with Professor Paolo Cardini (RISD)
Type: Festival presentation (curated)
- **Formlabs User Summit** — Global (Virtual) — **Oct 26–27, 2021**
Session: Workshop on advanced additive manufacturing techniques in industrial design education
Type: Curated industry summit (virtual)
URL (summit portal): <https://summit.formlabs.com/>
Recap: <https://formlabs.com/blog/2021-user-summit-recap/>

NON-REFEREED EXHIBITIONS/SCREENINGS/COLLECTIONS (starting with most recent)

- **RIT College of Art and Design — Faculty Exhibition** — Rochester, NY — **2023 & 2024**
Invitational group exhibition featuring work by CAD faculty across disciplines; shown in Bevier Gallery and William Harris Gallery each fall semester.
URL: <https://www.rit.edu/artdesign/exhibitions/faculty-exhibition-college-art-and-design>
- **Rhode Island School of Design — “Able Differently” (RISDiversity Community Narratives)** — Providence, RI — **2019**
Exhibition highlighting the work and personal stories of RISD community members living with disabilities; presented at 20 Washington Place with companion digital exhibition. Presented the “ACE Tennis Wheelchair” appropriate technology project.
URLs: <https://www.risd.edu/news/stories/defying-disability>
- **Museum of Modern Art (Guatemala City) — First Annual Industrial Design Exhibit (Collective)** — Guatemala City, Guatemala — **2013**
Exhibited *MUUT* minimalist electric violin and *o’li* travel ukulele.
- **DoGA — Norwegian Centre for Design and Architecture — “Design uten grenser / Design Without Borders”** — Oslo, Norway — **2012**
Exhibition on design for social change; included wheelchairs for children in Guatemala (Design Without Borders initiative).
URLs: DoGA exhibition description (HZA): <https://www.hza.no/design-without-borders> •
Exhibition review (2012, DogA): <https://www.jstor.org/stable/24267012>
- **VitrinArte — Local Street-Art Exhibition** — Guatemala City, Guatemala — **2011**
Exhibited stringed instruments such as the Electric Upright Bass (EUB), MUUT Electric Violin, and related objects.
- **Madrid Design Biennial — Installation featuring the MUUT electric violin** — Madrid, Spain — **2010**
Sculptural electric violin exhibited as part of the biennial program.
URL (Catalog): <https://www.bid-dimad.org/bid16/wp-content/uploads/BID10-catalogo.pdf>
- **ExpoADIG — “Wheelchair for Developing Countries”** — Guatemala City, Guatemala — **2008**
Exhibited wheelchair concept developed with Intelligent Mobility International.

CITATIONS AND PRESS RELEASES

- **Fast Company** — “The redesigned Doomsday Clock finally has a look to match its message” — **Feb 4, 2025**
URL: <https://www.fastcompany.com/91271428/redesigned-doomsday-clock-finally-has-a-look-to-match-its-message>
- **RIT News (press release)** — “Faculty exhibit in Venice earns a European Cultural Centre Award” — **Dec 17, 2024**
URL: <https://www.rit.edu/news/faculty-exhibit-venice-earns-european-cultural-centre-award>
- **RIT News (feature)** — “Venice Art Biennial showcases RIT’s extensive creative community” — **Oct 10, 2024**
URL: <https://www.rit.edu/news/venice-art-biennial-showcases-rits-extensive-creative-community>
- **Core77** — “Juan Carlos Noguera: Revolutionizing Design for a More Inclusive World” — **Feb 6, 2024**
URL: <https://www.core77.com/posts/128005/Juan-Carlos-Noguera-Revolutionizing-Design-for-a-More-Inclusive-World>
- **Vilcek Foundation (official recipient page)** — “Juan Carlos Noguera — 2024 Vilcek Prize for Creative Promise in Design” — **Feb 27, 2024**
URL: <https://vilcek.org/prizes/prize-recipients/juan-carlos-noguera/>
- **RIT News (press release)** — “Juan Noguera receives 2024 Vilcek Prize for Creative Promise in Design” — **Feb 16, 2024**
URL: <https://www.rit.edu/news/juan-noguera-receives-2024-vilcek-prize-creative-promise-design>
- **RIT University Magazine / Research Magazine** — “Like it or not, Generative AI is changing education” — **Fall 2023**
URL (story page): <https://www.rit.edu/news/generative-ai-is-changing-education>
PDF magazine: https://www.rit.edu/sites/rit.edu/files/documents/research-magazines/P3100%20UMag%20fall%202023_web-a.pdf
- **Artificiality Podcast** — “Juan Noguera: Generative AI in Industrial Design” — **Mar 26, 2023**
URL (Spotify): <https://open.spotify.com/episode/0Ilc3HoUTQ7U5WKunisJjA>
RSS: <https://anchor.fm/s/ed9117c8/podcast/rss>
- **WIRED** — “The Internet of Anything: The 3-D Printer That Can Spit Out Custom Electronics” (Voxel8 coverage) — **Jan 5, 2015**
URL: <https://www.wired.com/2015/01/internet-anything-3-d-printer-can-spit-quadcopter-parts>
- **Digital Trends** — “Voxel8’s new 3D printer can build electronics” — **Jan 2015**
URL: <https://www.digitaltrends.com/computing/voxel8s-new-3d-printer-can-build-electronics/>. [Digital Trends](#)

- **Engineering.com** — “Voxel8 Ships First Electronics 3D Printer to Google ATAP” — **2015**
URL: <https://www.engineering.com/voxel8-ships-first-electronics-3d-printer-to-google-atap/>
- **3DPrint.com** — “Voxel8 Designer 3D Prints an Incredible Electric Ukulele” — **May 2015**
URL: <https://3dprint.com/63412/3d-printed-electric-ukulele/>.
- **SyFy Network** — *Dark Matter*, Season 3, Episode 4 — **2017**
Electric ukulele build featured (design/engineering credit).

TEACHING ACTIVITIES

Courses Taught (2022 – Present)

- **PRD-701: Design Lab I**, 3 credits, Studio, **Fall 2023, Fall 2025**
- **PRD-301: Junior Industrial Design Studio I**, 3 credits, Studio, **Fall 2025**
- **IDDE-671: Graduate ID Studio I**, 3 credits, Studio, **Fall 2023**
- **IDDE-665: Experimental Studio**, 3 credits, Studio, **Spring 2023–2024**
- **IDDE-212: Integrated Computer-Aided Design**, 3 credits, Studio, **Spring 2022–2024**
- **IDDE-206: ID Form**, 3 credits, Studio, **Fall 2022–2024**
- **IDDE-201: Sophomore ID Studio I**, 3 credits, Studio, **Fall 2022**

Sponsored Studios

- **Autodesk Factory Experience** — RIT
IDDE-665 Experimental Studio; *Studio Lead/Instructor* — **2023–2024**
Designed and fabricated the **Autodesk Multimeasure** electronic device; student teams handled DFM, PCB integration, enclosure design, and documentation; device showcased/used at an Autodesk industry event (Autodesk University)
URL: <https://www.autodesk.com/products/fusion-360/blog/the-au-factory-experience-autodesk-multimeasure/>
- **Procter & Gamble (P&G)** — Maryland Institute College of Art (MICA)
PRD-301 Junior Studio; *Studio Lead/Instructor* — **2019**
Industry-sponsored consumer products brief; semester studio with milestone reviews; outcomes included research-driven concept families, functional prototypes, and brand-aligned presentations to P&G stakeholders.

Student Honors

- **Jayden Zhou (RIT, MFA Industrial Design)** — *IDSA Student Merit Award* — **Graduate, 2023**
Recognized for excellence in graduate industrial design; portfolio included advanced prototyping and AI-assisted workflows.
- **Daniel Carhuff (MICA, BFA Product Design)** — *IDSA Student Merit Award* — **Undergraduate, 2023**
Program-level winner; work emphasized design for manufacture, electronics integration, and user-centered prototyping.

ACADEMIC SERVICE ACTIVITIES

School

- Thought At Work (TAW), student-led design conference
Faculty Advisor, 2023–Present
- LAD (Latinos in Art & Design), student organization in the School of Design
Faculty Advisor, Oct 2025–Present
- T-Minus build sprint hosted in SOD
Event Organizer, Jan 2024–Present

College

- CAD Admissions, portfolio reviews & Open House events (UG/Grad)
Reviewer / Faculty Representative, 2022–Present
- National Portfolio Day (representing RIT CAD), portfolio reviewing
Reviewer, 2023–2025
- Creative Industry Days, careers & AI panel for CAD students,
Panel Moderator, Jan 2024
- CAD Faculty Professional Development Workshop, generative-AI teaching workshop
Co-Organizer / Presenter, Spring 2023
- Director's Retreat (CAD), invited AI session for program leadership
Presenter, Summer 2023
- Graphic Design Week "AI in Your Workflow" departmental professional-practice talk
Presenter, Sep 2023

University

- Faculty Activity System (FAS) Task Force, Faculty Activity System vendor evaluation
Member (DEI representative), 2024–2025
- Provost's AI Task Force, generative-AI policy & pedagogy working group
Member, Spring 2024
- Faculty Senate DEI Committee, university-wide governance committee
Member, AY 2023–2025
- RIT Center for Teaching & Learning — Summer Institute + AI Symposium, campus-wide teaching/learning forum
Presenter, May 2024
- Board of Trustees Panel, "Opportunities and Challenges of AI,"
Panelist, Jul 2023

PROFESSIONAL DEVELOPMENT AND CERTIFICATION

- **Central Training Center (Taichung, Taiwan)** — *Industrial Training: Design & Manufacture of Plastic Injection Molds (CAD & CNC)*, **Sep–Nov 2010**.

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

- **Industrial Designers Society of America (IDSA)** — Member, **2019–Present**

PROFESSIONAL SERVICE

- **Tradition-Innovations in Arts, Design, and Media Higher Education (UNLV / a2ru)** — **Editorial Board Member, 2025–Present**
Scope: editorial guidance, peer-review coordination, and development of special topics/issues.
- **Spark Design Awards** — **Juror (Student & Professional categories), Summer 2023**
Scope: evaluation and judging across industrial/product design submissions; scoring and feedback for finalists.

COMMUNITY INVOLVEMENT

- **Canstruction Rochester — The Strong Museum of Play (Rochester, NY)**
Faculty Co-Advisor / Project Lead, 2023–2025
Led cross-college student teams (Industrial Design, GCCIS, CET) to design and build large-scale canned-food sculptures, coordinating sponsors (Garlock, Matthews & Fields, TripWells), fabrication planning, museum logistics, and safety.
Impact: thousands of cans donated to hunger-relief organizations like FoodLink;
Recognitions: *Best Original Design* (2025). *Honorable Mention* (2024)
Relevance to field: large-scale prototyping, structural design, DFMA/assembly planning, stakeholder coordination, and community-engaged design leadership.
URL: <https://www.canstructionrochester.com>

REFERENCES

References will be provided upon request.