



industrial design
MEGAN VALANIDAS

CURRICULUM VITAE

mvalanidas.com | mvalanid@alumni.risd.edu

Education

- 2018 **Rhode Island School of Design** | Master of Industrial Design, MID
Certificate in Collegiate Teaching in Art and Design, CTAD
- 2017 **Harvard Business School** | CORe: Credential of Readiness
- 2008 **University of Arizona** | Bachelor of Art | 3D Studio Art + French Linguistics | magna cum laude
- 2000 **Rochester Institute of Technology** | Photography
AHA CPR, OSHA, RCR Certified

Selected Exhibitions

- 2020 **Design and Science** | Esther Klein Gallery, Science Center | Philadelphia, PA
- 2019 **PLASTICS| Science Gallery Dublin**, Trinity College | Dublin, Ireland
- 2019 **APROTOTYPICAL: Industrial Design Graduate Biennial** | Sol Koffler Gallery | RISD, Providence, RI
- 2018 **Biodesign: From Integration to Inspiration** | RISD Nature Lab | Providence, Rhode Island
- 2018 **RISD Grad Show** | Convention Center | Providence, RI
- 2018 **Design-ish** | Anita's Way | New York, NY

Speaking

- 2019 **Lecturer** | Science Gallery Dublin | Trinity College | Dublin, Ireland
- 2019 **A Place For Plastics** | Paris Design Summit | Place de la Grande Arche | Paris, France
- 2019 **'Artist's Talk'** | NuVu Studio | Cambridge, MA
- 2019 **'Artist's Talk'** | James Madison University | Harrisonburg, VA
- 2018 **SYMPOSIUM Biodesign: From Inspiration to Integration** | RISD Museum | Providence, RI

Design

- 2020 **NSquare | Design + Project Lead**
Lead team concept development and design representative artifacts in support of nuclear arms risk reduction. Embedded in teams of nuclear experts, led design work and distilled concepts such that they could be consumed by a diverse audience.
- 2020 **Sandia Labs | Design Futurist**
Working with senior members from Sandia Labs, West Point and the Naval Academy, we design workshops that allow experts to more deeply engage with potential futures. This work influences policy outcomes, creativity in the field and breaks down long-held stereotypes..
- 2018 **Humanity Centered Robotics Initiative | Design Research**
In collaboration with Brown University, Ageless Innovation and the HCRI lab, researched appropriate technology for the older adult population by assessing life situations and designing instruments for data collection to improve next generation robotic Intelligence for older adults.
- 2017 **NASA + RISD | Design, Make**
Team member designing an analog spacesuit simulation to be tested by astronauts participating in the HI-SEAS project. Fabricated soft, inflatable actuators that allow astronauts to adjust the suit's fit during a mission. Engaged in first-hand user-testing and parts fabrication.
- 2017 **American Museum of Natural History | 3D Exhibitions**
Prepared full scale and to-scale physical models for upcoming traveling exhibitions. Test interactive design strategies to match our unique content. Employed iterative design process toward refining final designs.
- 2015 **Gallery 81435 | Curator**
Organized a community-wide installation of landscape photographs made exclusively with cellphone cameras. The exhibition featured over 300 images made by 70 local participants. Exhibition shown at Gallery 81435.



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Teaching

- 2020 **NuVu Innovation School | Design Fellow**
- Design and implement curriculum for students to engage in speculative design practices
2019 with a focus in regenerative design and systems thinking. Students collaborate in thought experiments and identify multiple futures while prototyping in small groups to build experimental and functional concept models.
- 2018 **James Madison University | Visiting Faculty in Residence**
Lead studio instructor in design principles, advanced metals as well as strategies for concept design and installation. Focus on abstract thinking within the constraints of design and user experience. Emphasis in critical discourse and making.
- 2018 **RISD | Instructor of Note**
Designed and taught 'Sustainable Futures,' an industrial design course emphasizing design research, user testing and prototyping for speculative designs. Students reconsider what sustainability means and how to design responsibly for the near future.
- 2017 **RISD CO-WORKS LAB | Digital Research + Making**
Carry out digital prototyping techniques with emphasis on 3D modeling, UV printer, CNC router, 3D printing, laser cutting, vacuum forming, industrial embroidery, industrial sewing, vinyl cut, Rhino + the Adobe Suite. Lead technician for virtual reality and industrial embroidery.
- 2017 **RISD Nature Lab | Graduate Assistant**
Provide technical support and design critique for aquaponic installations. A studio-based course taught in collaboration with resident marine biologist to explore ways of integrating nature and design within the everyday. Final designs were pitched to be installed in the campus student dining hall.
- 2016 **RISD | Graduate Assistantship**
Explore mycelium biomaterials in studio. Organized and led workshops for students to experiment with Ecovative materials. These workshops support student interest in nature and sustainability at the intersection of concept, the environment and product design.
- 2013 **CITY Center for Collaborative Learning | Instructor**
- Established interactive school garden and outdoor learning-space used by 250 public school
2011 students. Taught low-water urban farming practices and contemporary food issues. Created regular after school gardening program and student vegetable CSA. Implemented and designed school-wide student-run print publication with monthly distribution.
- 2009 **Maine Organic Farming and Gardening Association | Apprentice + Farmer**
- Tended to the crops from dawn to dusk. Traveled to farms statewide as part of a Maine initiative to
2008 promote innovation and sharing amongst farmers. Focused education covering the history of the organic movement, mechanical pest control, soil health, seed-saving, crop and livestock rotation, micro and macro farming techniques. Led farm-based courses providing youth access to traditional agriculture focusing on contemporary issues around food production.

Awards + Recognitions

- 2018 Rachel Carson Award
2018 Fred M. Roddy Memorial Scholarship
2016-18 Graduate Industrial Design Fellow
2008 Phi Beta Kappa; Academic Honors Fraternity