

Daniel Malay Tran, LEED AP

UC Davis MS in Energy Systems Candidate + Design Department TA | One Shields Avenue Davis, CA 95616
Axis Gallery Member Artist | 625 S St, Sacramento, CA 95811
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Education

- 2022 Energy Systems MS Candidate, Energy Graduate Group, UC Davis. Expected graduation Fall 2022
- 2021 Design MFA with Graduate Academic Certificate in Industrial Ecology, UC Davis. Davis CA
- 2019 Mechatronics, Associate of Science, Sierra College. Rocklin, CA
- 2012 Executive Fellow Certificate in Public Policy & Administration, Capital Fellows, CSU Sacramento, CA
- 2011 Ecological Horticulture Certificates I & II, UC Santa Cruz- Center for Agroecology & Sustainable Food Systems
- 2010 GIS Technician Certificate, San Diego Mesa College. San Diego, CA
- 2005 Bachelor of Architecture, University of Southern California. Los Angeles, CA

Grants/Awards/Fellowships

- 2021 Los Rios Community College District Faculty Diversity Internship Program, Sacramento, CA
Savageau Award - Honorable Mention for Design MFA Thesis, UC Davis Design Department, CA
- 2020 UC Davis Placemaking Grant. *Kaleidoscope D*, sculpture/pollinator waystation. Sprocket Bikeway, UC Davis
State of CA Public Art Competition by Dyson + Womack, Finalist, *Uphear*. Sacramento, CA. w/ Nick Sowers
- 2019 Sierra College Mechatronics for Humanity Showcase, 2nd Place, *Living Column*. Rocklin, CA
- 2017 City of Sacramento, Creative Economy Grant. *Kaleidoscope*. Sacramento, CA
The Lockup Artspace, Artist in Residence. Newcastle, NSW, Australia
Next City Vanguard Recipient. Newcastle, NSW Australia
- 2014 Startup Hustle Resident, HackerLab. Sacramento, CA
Rose Architectural Fellowship Finalist, Enterprise Community Partners. San Jose, CA
- 2013 City of Sacramento City Planning Academy + City Management Academy. Sacramento, CA
- 2012 Capital Fellows, Executive Fellowship. State of California Governor's Office/State Treasurer's Office, CA
LA Architecture Awards, Affordable Multi-Family category. *Stovall Villa*, John Mutlow Architects project team
- 2003 Asian American Architects/Engineers Association Scholarship. Los Angeles, CA

Art Commissions

Public

- 2022 *Hydrala*, temporary art installation for City of Palo Alto Code2Art Festival. Palo Alto, CA. w/ Nick Sowers
- 2021 *ArtLifting*, temporary art installation for City of Palo Alto. Mitchell Park Amphitheater. Palo Alto, CA
- 2018 *Kaleidoscope A*, outdoor sculpture in Southside Park for City of Sacramento, CA
- 2016 *2x8*, indoor suspended sculptures for McKinley Park Public Library, Sacramento, CA.

Private

- 2021 *LUCA*, outdoor sculpture for MUSE Campus, RMR Group. San Diego, CA
- 2019 *Billy*, stage sculpture for Behind the Barre, Capital Dance Project. Sacramento, CA. Directed by Julia Feldman
IEUE, outdoor sculpture for DPR Construction HQ. Sacramento CA
Living Columns, indoor sculptures for DPR Construction HQ. Sacramento CA
- 2018 *Kaleidoscope S*, outdoor sculpture for Sierra 2 Center, Sacramento, CA
Kaleidoscope K, outdoor sculpture for Friends of McKinley Park Rose Garden, Sacramento, CA

Solo Exhibitions

- 2022 *Learning From Life Cycles*, Axis Gallery. Sacramento, CA
- 2021 *Remainders*, Faith J. McKinnie Gallery. Sacramento, CA. Curated by Faith J. McKinnie
Arts & Humanities 2021 Graduate Exhibition, Manetti Shrem Museum. Davis. CA
- 2018 *Aym Meolriam*, Office of Mayor Steinberg Monthly Artist Series. Sacramento, CA. Curated by William Ishmael
Untitled, Emerge Summit Stage Art Installation, Sacramento Memorial Auditorium. Curated by Tashina Brito
- 2017 *Above The Table*, Sacramento Natural Foods Cooperative Monthly Artist Series. Curated by Carey Shaw

Group Exhibitions

- 2022 *14.3497° N, 108.0005° E*, Coordinates: Ice Pac, Sacramento CA. Curated by Faith J. McKinnie
- 2021 *Hull*, Gather Together In Our Name, Faith J. McKinnie Gallery, Sacramento, CA
- 2020 *Strategies for Coping*, Axis Gallery, Sacramento, CA
This is Sacramento, Sacramento Int'l Airport Exhibit. Commissioned by Asian-Pacific Chamber of Commerce
- 2019 *Billy*, stage sculpture for Behind the Barre, Capital Dance Project, Sacramento, CA. Directed by Julia Feldman
Hug, sculpture + projection mapping by Jerry Wang for Light.wav Festival, Sacramento CA. Curated by A. Trujillo
Capullo, Sac Open Studios Exhibition, Verge Art Center. Sacramento, CA
- 2018 *Cloud I*, Consilience of Art + Science, Pence Gallery, Davis, CA. Curated by Natalie Nelson
- 2017 *Urban Runoff*, ArtStreet, Sacramento, CA. Curated by M5Arts
Eclipse, suspended sculpture installation for Wide Open Walls, Sacramento CA. Curated by Anna Sobon
Ground Beacon + Sky Beacon, Beacon Sacramento, Sacramento CA. Curated by Tre Borden

Professional Experience

- 2018 – 2021 Lionakis - Design Technology Specialist, Sacramento, CA
- o Supported architectural design teams with custom Dynamo & Grasshopper scripts that enable digital fabrication, mass customization, parametric flexing and automated Revit workflows
 - o Trained staff in Revit/Dynamo, Rhino/Grasshopper use + computational design
- 2017 – 2018 Lincoln Training Center - Modular Furniture System (MFS) Designer, Sacramento, CA
- o Site survey, design, & space planning for the continual reuse of modular furniture systems managed b
 - o Generated product pull lists that maximize reuse of onsite components & minimize inventory transport
 - o Coordination with LTC warehouse where components are refurbished & redeployed for new projects by special needs workforce
- 2015 – 2017 MidPen Housing - GIS Specialist, Oakland, CA
- o Geospatial management for an affordable housing developer, operator & service provider to 100+ communities
 - o Collaborating w/ federal, state and local organizations to curate GIS data for project & community site analysis
 - o Mapping community amenities & public transportation systems to make data analysis available for staff & public
 - o Identifying disadvantaged communities & affordable housing demand via US Census & CalEnviroScreen data
 - o Identifying ideal parcels for affordable housing development based on LIHTC and HUD criteria
 - o Facilitating community workshops + design charrettes to engage & understand community needs & concerns
- 2012 – 2015 California State Treasurer's Office - Rural Development Analyst, Executive Fellow, Sacramento, CA
Rural Development Analyst (08/2013-07/2015), Executive Fellow (10/2012-08/2013)
- o Communications, legislation, policy, general finance and research in California sustainable agriculture, pollution control, affordable housing, energy efficiency, green manufacturing, alternative energy and advanced transportation
 - o Tax credit analyst for affordable housing development, point of contact for rural affordable housing developers
 - o Creating collaborative statewide GIS model to quantify sustainability of 3000+ affordable housing projects
 - o Developing concept/marketing strategy for California's first tax exempt 'Aggie Bond' program
- 2011 – 2012 UC Santa Cruz, Center for Agroecology & Sustainable Food Systems, Organic Agricultural Technician / Plant Propagation Manager & Educator, Santa Cruz, CA
- o Lead educator on organic-certified greenhouse practices and student instructor on agroecological farming, direct marketing, community development, social/environmental justice advocacy, and live/work communal living
 - o Mentored 38 adult farm apprentices in 6 month residential immersion program on 26 acre organic farm
 - o Maintained cross functional curriculum, production and distribution for onsite retail, 100+ member CSA, campus cafeterias, and multiple food & plant donation programs. Harvested 70,000+ lbs. organic food annually
 - o Contributing writer to www.grow-city.org on urban agriculture, design, technology and landscape
 - o California certified greywater plumbing and irrigation specialist

2005 – 2010 John V. Mutlow Architects - Architectural Designer, Los Angeles, CA

Experienced in all phases of design, office and construction administration on 200+ housing units

- o LA Architecture Awards (2012), Multi-Family Affordable Category, Stovall Villa Project
- o Work abroad with Ong and Ong Architects, Vietnam on 2000 hectare master plan and high rise (02/09-03/09)
- o Volunteer with LA Community Gardening Council and LA Conservation Corps on urban farming advocacy

Press

Laskey, Jessica. March 2017. "Artful Reuse" Inside Sacramento Magazine

Couzens, Julia. 02/09/2017. "For a Fizzy Cultural Cocktail, Try ArtStreet" Sacramento Bee Newspaper

Nguyen, Andrea. 11/08/2011. "New Crop of Asian Americans in Farming" www.vietworldkitchen.com

Publications

Tran, Daniel. 12/28/2012. "New Shade of Greenhouse" www.grow-city.org

Tran, Daniel. 09/11/2010. "Universal Standards for Agriculture+Horticulture in Public Spaces" www.openideo.com

Teaching Experience

2021- Present Sacramento City College. Faculty Intern/Teachers Assistant

ART 300 Drawing & Composition w/ Gioia Fonda

2019- Present UC Davis Design Department. Teachers Assistant

DES 040a / SAS 43 Energy, Materials & Design Across Time w/ Christina Codgell

DES 161 Textile Surface Design: Screen & Digital Printing w/ Susan Avila

DES 050 Introduction to 3D Design w/ Justin Goldwater

DES 117 Interaction Design w/ William Mead

DES 145 History Graphic Design w/ Kathreen Fontecha

DES 167 Prototyping: From Objects to Systems w/ Thomas Maiorana

DES 145 History of Visual Communication w/ Glenda Drew

DES 142a World Textiles w/ Rosemary Kelly

2015- Present HackerLab. Community Makerspace instruction/facilitation of misc. workshops, youth hackathons & maker faires. Sacramento, CA

2011 UC Santa Cruz Center for Agroecology & Sustainable Food Systems. Instruction of Certified Organic Greenhouse practices and plant propagation. Santa Cruz, CA

2004 USC School of Architecture. Instruction/counseling of high school summer camps in art + architecture

Skills

- o 18+ years of multi-disciplinary CAD, CAM, GIS & BIM experience: AutoCAD, Revit, Rhino, Fusion360, ESRI ArcGIS
- o 12+ years of makerspace experience: woodshop, metalshop, laser cutter, 3D Printing & CNC operations
- o Troubleshooting of electrical, electrical-mechanical, fluid power & fluid transfer systems
- o Certified greywater plumbing and irrigation specialist
- o Fundamental PLC & microcontroller programming experience
- o Fundamental Haas CNC 3-Axis Mill operator experience, including post-processing, simulation & tool calibration
- o LEED AP (Leadership in Energy & Environmental Design Accredited Professional), GBCI #10309606
- o USDA certified organic farming standards, ecological horticulture & sustainable farming practices

References *(contact info available upon request)*

John Mutlow - Principal - John V. Mutlow Architects. Mentor.

Tre Borden - Principal - Tre Borden/Co. Frequent collaborator on art projects.

Marshall Andrews - Project Manager - DPR Construction. Art & horticultural client.

Javier Arbona - Assistant Professor of Design & American Studies - UC Davis. Design MFA Thesis Committee Chair.