

ByDESIGN

An Online Journal of Exceptional Achievement

REUNITE



Professor
Ronald
Rael

1st Latino Chair,
Dept. of Architecture
UC Berkeley

**Anne
Cervantes**
Dolores Huerta
Lifetime Achievement
Award

RICHARD
BENDER
**Luminario:
Un Gran Amigo!**

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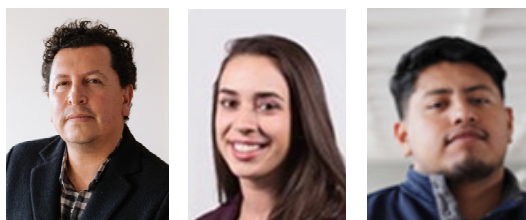
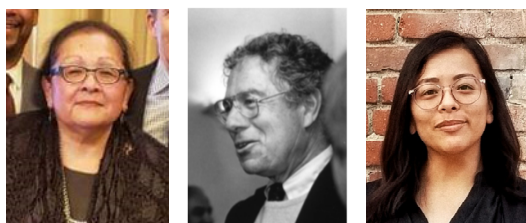
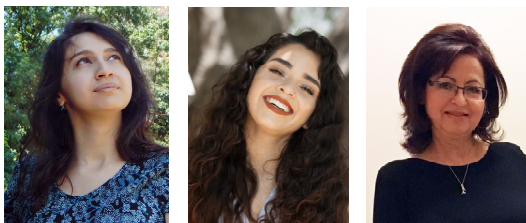
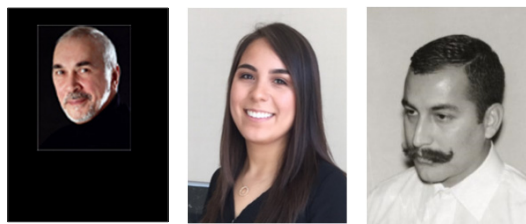
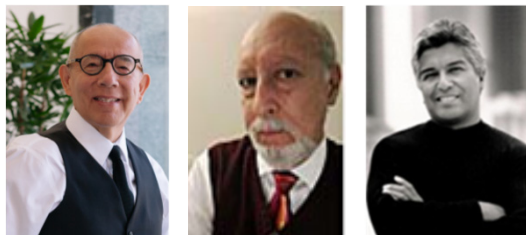
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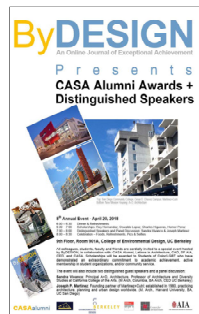
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ON THE COVER

The cover photograph of Ronald Rael was taken at the College of Environmental Design, University of California, Berkeley, CA by Los Angeles professional photographer Michael Hernández, November 7, 2019. DearHernandez@gmail.com

MEMO from the Editor

Touching the Future

Rogelio Roy Hernández

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“If you want to touch the past, touch a rock. If you want to touch the present, touch a flower. If you want to touch the future, touch a life.”
Author unknown.

This is the unwritten motto of ByDESIGN: touching the hearts, minds and souls of the next generation. A common thread in all of the stories in this issue is that every person has touched the lives of our students in meaningful ways.

In the cover story, **Joseph Martinez** profiles **Professor Ronald Rael**, the first Latino acting Chair of the Department of Architecture at UC Berkeley since the School of Architecture was established in 1903. Rael's creative genius has taken the application of 3D printing concepts and technologies into the architectural realm.

The Perspective section announces the “10th Annual ByDESIGN Presents” **CASA Alumni Scholarships** scheduled for 2020. It's one of the most effective Latino hosted design school scholarship programs in the country.

In the Community section, **Aymee Barajas** proudly reports on **Anne Cervantes** receiving the Dolores Huerta Lifetime Achievement prize from the Mayor of San Francisco for her tireless dedication to its Latino community.

In the CASA Alumni at Work story, **Anarosa Robledo** shares the career path of two talented CASA Alumni, **Elizabeth Lagarde** (Project Manager, Morrissey, Santa Ana, CA) and **Cecilia Cardenas** (Sr. Job Captain at ktgy, Oakland, CA).

The Luminaria/o article by **Joseph Martinez** recounts the illustrious trajectory of **Richard Bender**, who has taught at Harvard, Columbia and UC Berkeley. He was the Dean of the College of Environmental Design in the early 70's when the student organization CASA was established.

In the CASA Now! Article, **Omar Martinez-Zoluaga**, the current CASA Chair at CED, recounts the efforts to reconnect CASA Alumni (Casistas) with students. Alumni returned to CED to hold seminars on portfolio development and effective interviews techniques.



Prof. Ronald Rael, Acting Chair,
Department of Architecture
College of Environmental Design
University of California, Berkeley
November 7, 2019
© Michael Hernández

There is no greater opportunity to impact the future of our community than to invest in our students. As planners, architects and designers, few investments can yield such phenomenal return on the built environment. Mentoring, contributing to a scholarship fund, or being an educator all present exhilarating opportunities to affect the future. Confucius said: “If you think in terms of a year, plant a seed; if in terms of ten years, plant trees; if in terms of 100 years, teach the people.” Adelante!

Perspective

ByDESIGN Presents the 2020 CASA Alumni Scholarships

Rogelio Roy Hernández

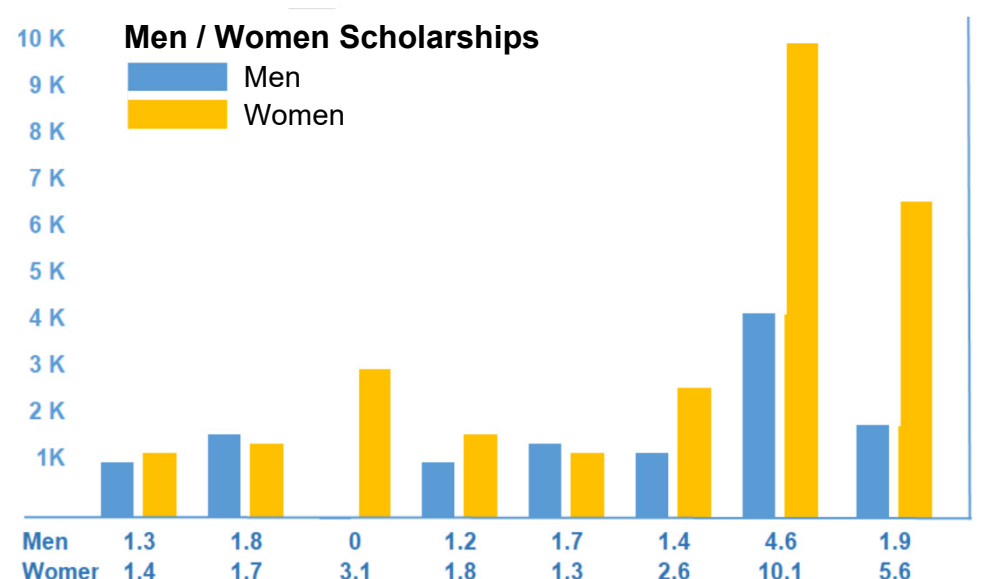
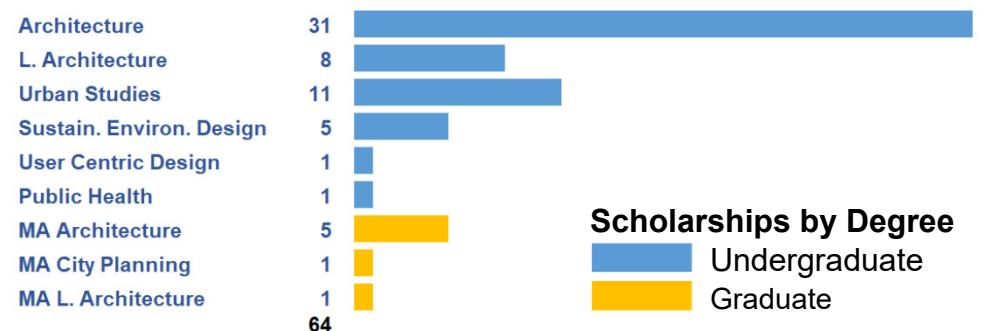
The 10th Annual ‘ByDESIGN Presents’ CASA Alumni Scholarships will be held in April 2020!

The scholarship program has provided approximately \$50,000 in cash awards ranging from \$250 to \$3,000 to Latinx, Women, Students of Color and LGBT students since the first event in 2011. The scholarships have provided high-achieving underrepresented students with financial need and professional promise the financial resources they need to excel at UC Berkeley. Students who exhibit excellence in academic work, contribute to CED, demonstrate a commitment to the community, and/or participate with CASA are recognized.

We are pleased to note our partnership with Latinos in Architecture (LIA), the Center for Architecture Design, and the San Francisco Chapter AIA to create a 501(c)3 mechanism for tax deductible contributions.

These scholarships are made possible thanks to generous alumni and friends who invest in CED scholars. Your contribution ensures outstanding Cal students have access to a world-renowned education in order to become the thought-leaders of tomorrow.

Contact roy.hernandez@thirdwavecorp.com for information. More details to follow. Stay tuned!



Anne Cervantes, M. Arch. Dolores Huerta Lifetime Achievement Award Aymee Barajas



Architect Anne Cervantes, Founder/CEO and of Cervantes Design Associates, was recognized for her outstanding efforts within the Latino community and for her continued involvement with social justice.

On September 25, 2019 Anne received a Lifetime Achievement Award at the 2019 San Francisco Latino Heritage Celebration.

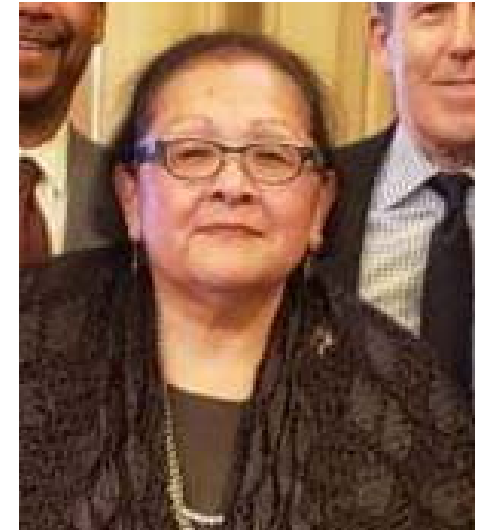
The event was hosted by Mayor London N. Breed and the Office of Neighborhood Services (MONS). This group is dedicated to helping the citizens of the City and County of San Francisco receive high levels of service from all areas of City government.

The ceremony had a “Raices de Resistencia – Roots of Resistance” theme and was meant to celebrate the diverse roots, traditions, and contributions of all Latinos in the City and County of San Francisco.

London Breed, Mayor of the City and County of San Francisco, Facebook page states, “In a time of rampant divisive language targeted at our Latino and immigrant communities, it is crucial that we as a City stand together in support of all those who make San Francisco the thriving cultural, business, culinary, and arts capital that it is.”

Anne received other accolades from the Latino business community, such as Jim Salinas Sr., a San Francisco labor and community leader who has served on various commission under numerous mayors.

Salinas noted, “As a lifelong member of the San Francisco community, I have been around for more than half-a-century. I have been given the opportunity to work with a number of legitimate community leaders. Please know that at no time have I ever, ever, had a greater opportunity to work with such a dedicated and committed community leader as Anne Cervantes, owner of Cervantes Design Architecture.”



Anne Cervantes, M. Arch.
September 25, 2019
San Francisco City Hall

Anne is the type of community leader who meets all the goals and objectives then steps back into the shadows to allow everyone else to take the credit! Anne Cervantes has been relentless in making sure that the communities of color, especially the Latino community, is given the respect it is due, and to make the quality of life improvements necessary for all those who are the most vulnerable within our community!

Anne Cervantes is truly one of the unsung heroes in our community. It was high time that San Francisco, especially the elected officials, stop to recognize her. We were elated to see it happen at the San Francisco Latino Heritage Month celebration at City Hall. My San Francisco is blessed to have her!”



Top Left: Mayor London Breed speaking at the 2019 Latino Heritage Celebration.

Top Right: The Certificate of Honor awarded to Anne Cervantes by the City and County of San Francisco.

Bottom Left: The Dolores Huerta Lifetime Achievement Award presented to Anne Cervantes.

Above: Anne Cervantes, Secretary Julián Castro, and Mayor London Breed at the 2019 Latino Heritage Celebration.

Anne Cervantes, M. Arch.

Dolores Huerta Lifetime Achievement Award

Continued

Tracy Brown Gallardo, a community activist for children, who was previously the Director of Mission Girls, commented, “Anne Cervantes has been a leader to in the Latino community. She is a founding member of Mission Girls mentoring hundreds of Latina young women over the years. She is a historian for the community and a fierce advocate for social justice issues.”

“I don't believe it's so much that you deserve the life time achievement award. The fact is that you earned it the old fashion way. You worked for it and helped many people on the way,” stated Antonio Ruiz, 40-year owner of Ruiz Construction, the largest Union Latino Construction firm in San Francisco with over 100 employees. He has also been a business mentor to Ms. Cervantes.

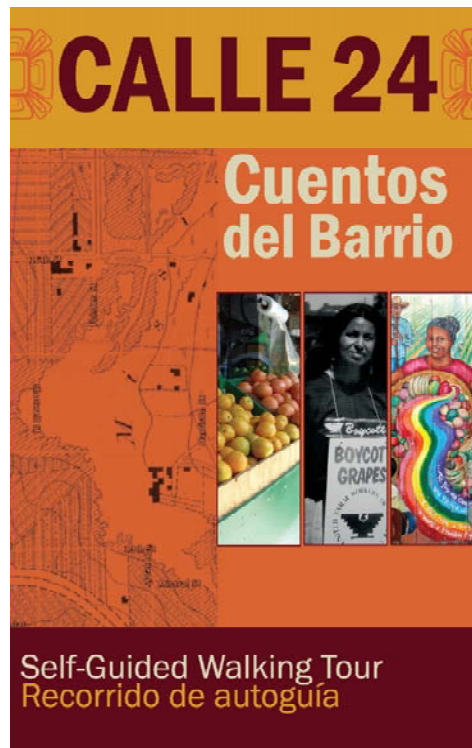
The tributes for Anne Cervantes kept coming: “Anne was recognized for her decades of commitment towards the betterment of the greater Latinx community and for the possibilities she sees for the next generation of young Latinas to strengthen and continue the work she's started in architecture, in community and youth development, in the arts, and in the diversity of programs that support the cultural vitality of the Mission District in San Francisco,” said Joaquín Torres, Former Director of the Mayor's Office of Neighborhood Services and currently the Director of

It is absolutely clear Anne Cervantes has substantially impacted and has made significant accomplishments within the Latinx community, especially in San Francisco. Many can testify to her work towards the recognition and conservation of Latinx heritage and history, along with mentoring Latinx youth to empower and help them achieve their goals. All of her efforts make her more than deserving of the 2019 Latino Heritage Celebration Dolores Huerta Lifetime Achievement award.

Economic and Workforce Development for Mayor London N. Breed.

She was also praised by Oscar Grande, community activist and planner working at Mission Housing Development Corporation. Grande noted,

“Anne Cervantes is a fierce warrior and poet architect that seamlessly braids the vibrancy and complexity of community, neighborhoods, and cultural expression. Receiving the Dolores Huerta Lifetime Achievement award is a great honor and an affirmation for her body of work on the San Francisco landscape, but more importantly it's a testament to her dedication in mentoring a generation of Latino leaders involved in equitable development, social justice politics and community inspired architecture.”



“ And while the award recognizes Anne for her lifetime of achievements, by no means does it mean that anyone within the community believes her work and its impacts are close to being done. She is and will remain an inspiration for all seeking to better the communities they call home. ”
Joaquín Torres

Top Left: Cervantes Design Associates were involved with the construction of 157 affordable apartments at 1950 Mission.

Bottom Left: Anne Cervantes posing with colleagues, including Mayor Breed, at the 1950 Mission groundbreaking ceremony.

Top Right: A “Displacing Gentrification” graphic donated by Cervantes Design Associates, Inc. for the California Preservation Foundation to aid with the perseverance and preservation of the Latino Urban Community and Culture.

Bottom Right: Anne Cervantes was involved with “Poder Bicis Del Pueblo”, a public health and environmental awareness effort designed to help encourage low income families to incorporate exercise and adopt a sustainable method of transportation.

COVER STORY

Ronald Rael, 1st Latino Acting Chair, Department of Architecture, UC Berkeley

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Joseph Martinez, Architect, Photography, Michael A. Hernández



It's a pleasure to speak with you today -- I've followed your career from afar. Not too often does a Latino/a make it to the top of their respective profession. Equally impressive is the fact you grew up in a very, very remote rural village in southern Colorado.

Ron, your profile is like so many other Latinos who arrive at UC Berkeley, or other prestigious universities, who are either from "economically-challenged" neighborhoods and/or have "limited beneficial" opportunities.

There is an ancient Mayan timeless precept: IN LAK'ECH (In Spanish: "Tu eres mi otro yo"; translated into English: "You are my other me.")

Tell us a little bit about your background, where you were born, grew up, etc.?

I grew up in a small 7 generation ranching village called La Florida in the high alpine desert of the San Luis Valley, which spans Northern New Mexico and Southern Colorado. The entire village was primarily my relatives and had only a few small adobe houses, a stone school house and a cemetery, surrounded by fields and prairie. I continue to live there part of the year in the house my great-grandfather built. My family has lived in this region for thousands of years as decedents of Spanish, Mexican and Indigenous people.



Recuerdos, Snow Globes: Since 2000, Partners Ronald Rael and Virginia San Fratello have been traveling along the U.S. Mexico border, collecting memories and stories of the places and people they have met and encountered. The Snow Globes series is a collection of souvenirs memorializing some of the most remarkable border wall conditions that are catalyzed by the creation of the Border Wall dividing the two nations.

How did you decide to attend Columbia University in New York City?

It was a funny story — coming from *el rancho*, I was not very worldly. We lived in a very remote area with only a few TV stations and a couple of radio stations.

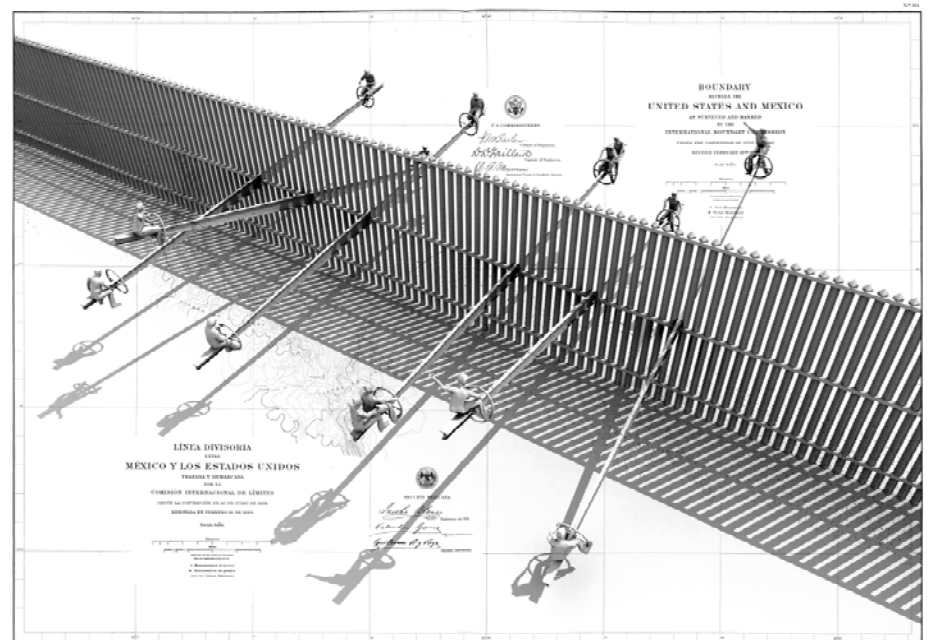
When I was in the undergraduate program (1990-95) at Colorado University, Boulder, I asked a professor where he thought I should go to be really good at architecture, because I enjoyed it so much. He said the best place to go was Columbia.

Not knowing anything about Columbia, I thought he meant the country of Colombia, and I decided that since I spoke Spanish, I could do it. Later, I discovered that wasn't what he meant, and it was the only graduate program I applied to – I received my Master of Architecture degree in 1998.



Ronald Rael, Acting Department Chair of Architecture; Professor of Architecture, Eva Li Memorial Chair in Architecture University of California, Berkeley, CA, November 7, 2019

Photo © 2019
Michael A. Hernández



Border Teeter Totters: Conceptual teeter totters superimposed over the document that established the border. "Boundary Between the US and Mexico as surveyed and marked by International Boundary Commission." We're confident no one ever imagined the wall would become a playground, instead of a place of violence, for at least a moment.

COVER STORY

Prof. Ronald Rael, 1st Latino Acting Chair, Department of Architecture, UC Berkeley

Continued

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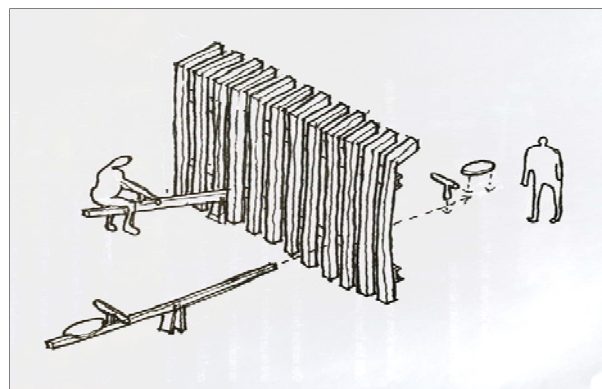
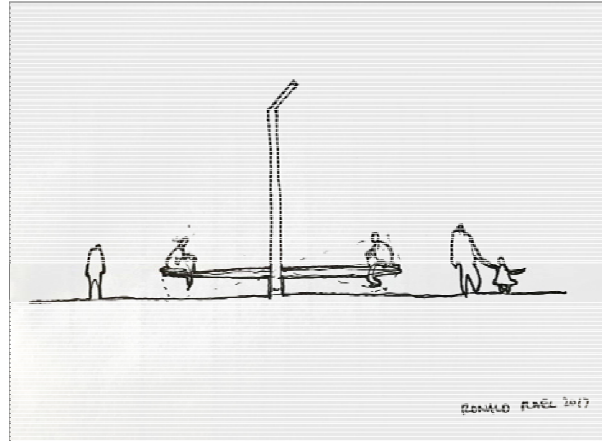
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How did you get interested in Architecture? And Art?

I was always surrounded by art and architecture as a child, perhaps in a much more humble form. Abandoned adobe houses, barns, and sheds were the playground of my youth.

My parents and grandparents were traditional people who crafted their food, their homes, and their lives, doing as much as possible with the little they had. And they did it in a very artful way. In the summers, my father would build houses in the community, and was a craftsman of wood, metal, and adobe, and I worked with him from a very young age. By age 15, I could build a house from foundation to roof!



The idea of the teeter totters was imagined by Rael in his 2017 book, *Borderwall as Architecture*.

When did you know you wanted to teach, write books, etc.?

I've always written in my notebooks my observations of the world. With the advent of the internet, I began sharing my thoughts on the internet through blogs. I never anticipated these online journals would become books, but I'm very grateful publishers thought the work was interesting enough to publish. It was less a goal than a hobby I was already doing. Teaching for me was more about still have questions about the world. It is a great luxury to pose difficult questions to very smart students to arrive at new knowledge. This is how I view teaching. I learn more from students as I feel we are both still on a path to knowledge, and I am just another student in the courses I lead.

Teeter Totters: Turning the Border into a Playground: July 28, 2019

Installed in the Colonia de Puerto de Anapra, Mexico, the teeter totters were built in a metal fabrication shop in Ciudad Juárez, Mexico. Pink memorializes the women who were killed during the femicide in the 1990s, says Rael, which is the reason the teeter totters were painted neon pink. The teeter totters were quickly slid through the slats in the border wall. San Fratello clicked on the seats and handlebars, and in a matter of seconds, people from both sides climbed onto the teeter totters and began to ride them.

Photos © Rael San Fratello



COVER STORY

Prof. Ronald Rael, 1st Latino Acting Chair, Department of Architecture, UC Berkeley

Continued

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Working in mud, dirt, dust, et.al., for constructing buildings -- where did those ideas come from? Where do you want to take them?

They came from my childhood. Growing up in the desert, in houses made of dirt, working on construction sites since a very young age. Also being in the kitchens of my great grandmother, grandmothers, and mother, who would make tortillas, bread, chile, and feasts made from food that was often dried to be preserved, then made into something

Portable Robot, Mud Construction

As part of the project, Rael San Fratello tested a portable robot they had created. Four 3D-printed prototypes that explore different techniques for mud construction were created.



delicious and artful! I was always fascinated by how the smallest of “dusty” particles could become something amazing, whether it was a bowl of chile, a tortilla, or an adobe house.

I continue to think a lot about the origins of materials, where they come from and where they are going. In Colorado, I am currently working on preserving 7 different historic properties, all of which are made of dust (adobe). In these buildings, I also think about how to continue to preserve the cultural traditions that made them, and thinking about what this means in the 21st century.

You also have a keen interest in 3-D printing of buildings, etc. Where do you think construction-technology will be in 10 - 15 years?

It was building with adobe that inspired my interest in 3D printing. Whereas, the technology is mostly used today to make prototypes, I believe it will be quite common practice in the near future that 3D printing will be a viable manufacturing process. I hope to be part of that by continuing my research on 3D printing locally available and sustainable materials.



This year we are starting a company that makes wood products with 3D printing, and we continue our work in 3D printing adobe.

You've taught at SCI-ARC (Los Angeles), Clemson University in South Carolina, and, at the University of Arizona (Tucson). What can you share about those places?

Each place is very different and has left me with very different ways to think about education.

It was very exciting to teach at SCI-ARC, which I did for three summers. It taught me about the importance of design as an aesthetic cultural endeavor. To me, that is where the school excels, and beauty is an incredibly important component of design — *venustas*, as Vitruvius would have said.

Clemson and Tucson were where I dove deeply into place. The culture of the south and the desert of Arizona are incredible places for thinking about how context and culture can shape architecture.

“ They came from my childhood. Growing up in the desert, in houses made of dirt, working on construction sites since a very young age. Also being in the kitchens of my great-grandmother, grandmothers, and mother, who would make tortillas, bread, chile, and feasts made from food that was often dried to be preserved, then made into something delicious and artful! ”

All photos. © 2017 Rael San Fratello

COVER STORY

Prof. Ronald Rael, 1st Latino Chair, Department of Architecture, UC Berkeley

Continued

Who or what has influenced you personally and/or professionally?

Certainly my unique upbringing has been an enormous influence in how I perceive the world. While I grew up extremely isolated in a village of only 25 people, as an adult, I have been fortunate to have traveled the world.

My experiences in Africa and Yemen have been especially influential on my work. I love studying the craft traditions of the past as a way of thinking about how to create the future. The ingenuity of the most humble people on the planet have been an incredible influence on me. Doing more with less has a very different resonance to me than “less is more”.

My time here at UC Berkeley, has been incredibly influential as I am surrounded by the most incredible colleagues and talented students I could ever imagine.

“ I love studying the craft traditions of the past as a way of thinking about how to create the future. The ingenuity of the most humble people on the planet have been an incredible influence on me. Doing more with less has a very different resonance to me, than “less is more”. ”

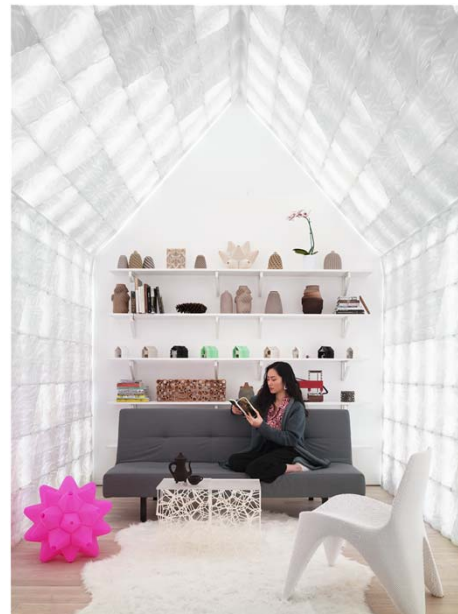
As a successful Latino, how do you promote "success" for the next generation?

I hope I am able to promote success through my work in academia and through the work I do which responds to social and cultural issues. Increasingly, education is seen as a way towards a career.

I hope students remember being broadly educated and fulfilled in life is what constitutes success, not career.

I always advise students to seek out fields of study they'll enjoy and truly makes them happy. For me, the quest for happiness, generosity, fulfillment and remembering from where you came from and the people who supported you along the way, is the best path towards success.

Hermanito, you've cast an exquisite shadow. Your adventurous journey has taken you to the four corners of the world, and to Professor of Architecture, UC Berkeley, College of Environmental Design, Eva Li Memorial Chair in Architecture. Ron, it's no wonder the CED has selected you to serve as Acting Chair of the Architecture Department for 2019-2020. Congratulations Carnale!



The Cabin of 3D Printed Curiosities, Oakland CA 2018

The 3D Printed Cabin brings many Emerging Objects' material, software, and hardware experiments together to demonstrate the architectural potential of additive manufacturing on a weather tight, structurally sound building.

The interior is clad with a Chroma Curl Wall, which not only illuminates the interior of the cabin, but also illuminates the exterior, converting the cabin into a beacon of light, but in ways that are abstract and artificial, in stark contrast to the unnatural materials that clad this humble, but spectacular, retreat. The Cabin demonstrates 3D printing can be beautiful, meaningful, and well crafted; not crude, fast and cheap. Much like the Garage Makerspace Movement, the backyard building space might become a platform where new ways of living are tested, new technologies can be invented and tested, and new materials discovered.

Due to a housing emergency in the Bay Area, the Oakland City Council eased restrictions on the construction of secondary housing units, or backyard cottages. This has opened the door for Emerging Objects to use the relaxed codes to experiment towards addressing housing problems at a micro scale. – Emerging Objects

Bottom Left: Planter Tiles in Chardonnay pomace, sawdust, cement, and recycled coffee grounds. **Above Right:** Detail of ceramic Seed Stitch tile and hexagonal Planter Tiles. All photos: Matthew Millman

SIDE BAR

Prof. Ronal Rael

College of Environmental Design
University of California, Berkeley

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Ronald Rael draws, builds, writes, 3D-prints and teaches about architecture as a cultural endeavor deeply influenced by a unique upbringing in a desolate alpine valley in southern Colorado. His research interests connect indigenous and traditional material practices to contemporary technologies and issues. He is a design activist, author, and thought-leader within the topics of additive manufacturing, borderwall studies, and earthen architecture.

Rael's work has been published widely, including the New York Times, Wired, MARK, Domus, Metropolis Magazine, PRAXIS, Thresholds, and Log. It is included in the permanent collection of The Museum of Modern Art in New York, The Cooper Hewitt Smithsonian Design Museum, The San Francisco Museum of Modern Art, the FRAC Centre, and the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya.

ACADEMIC

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Berkeley, CA

Professor of Architecture

College of Environmental Design, UC Berkeley
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Dates Employed: July 2018 – Present, 1 year 5 months

Associate Professor of Architecture

College of Environmental Design, UC Berkeley
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Assistant Professor of Architecture

University of Arizona
Coordinator of Foundation Level Design Studios
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Assistant Professor of Architecture / Co-Director

Center for Building Research and Urban Studies
Co-Director Center for Building Research and Urban Studies
Clemson University
Clemson, SC
Dates Employed: August 2001 – May 2007, 5 years 10 months

PROFESSIONAL

CEO

Emerging Objects
Oakland, CA
Dates Employed: June 2013 – Present, 6 years 6 months

Creative Partner

RAEL SAN FRATELLO
Oakland, CA
Dates Employed: 2002 – Present, 17 years

HONORS

- Eva Li Memorial Chair of Architecture, UC Berkeley
- Baker Fellow
- Hellman Fellow
- William Kinne Memorial Fellowship
- Emerging Voice by The Architectural League of New York
- Digital Practice Award of Excellence by The Association for Computer Aided Design in Architecture (ACADIA).

EDUCATION

Columbia University

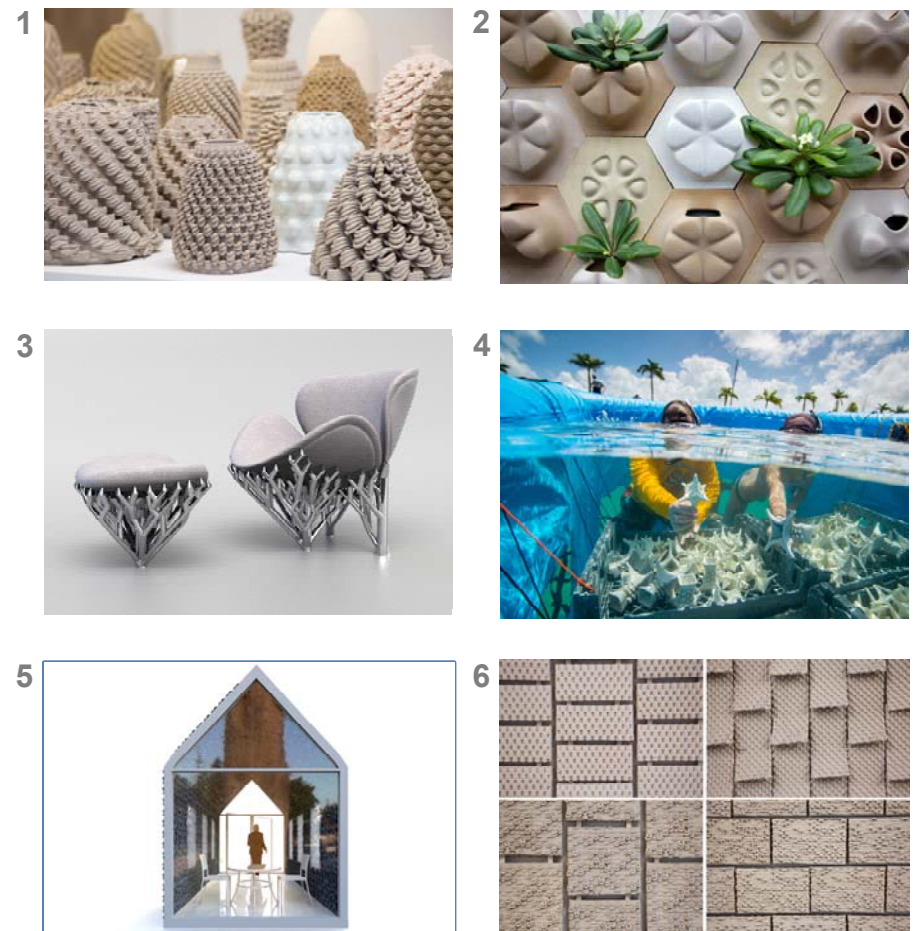
Graduate School of Architecture, Planning & Preservation
Master of Architecture
1995 – 1998

University of Colorado Boulder

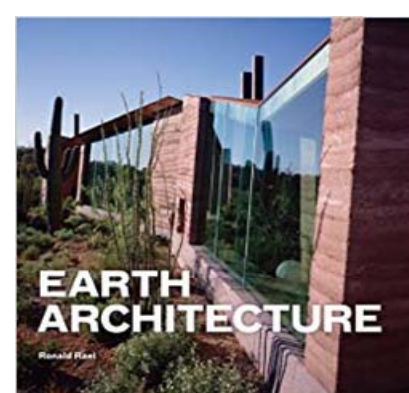
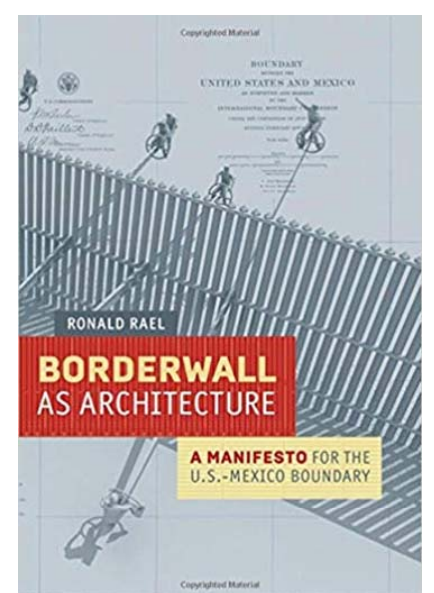
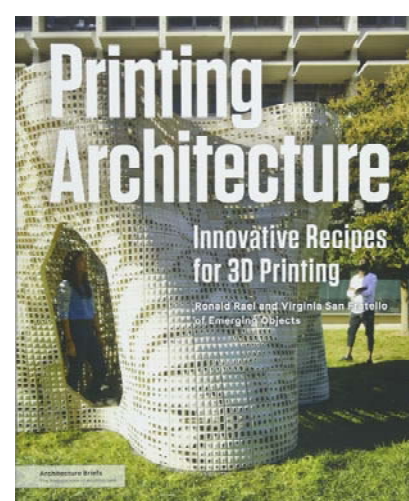
Bachelor of Environmental Design
1990 – 1995

PUBLICATIONS

- Printing Architecture: Innovative Recipes for 3D Printing 2018
- Borderwall as Architecture: A Manifesto for the U.S.-Mexico Boundary 2017
- Earth Architecture 2008



1. GCODE.Clay. Typically, 3D printed ceramic objects are defined by the layers of clay whose striations are present on the surface of a 3D printed object. In this case, the surface quality takes on the appearance of textiles, with clay being woven, threaded, curled, as it droops away from the surface. 2. Planter Tile in Cement. The Planter tiles are 3D printed cement hexagonal tiles that close pack together. The overall pattern is composed of 6 different tile patterns, 4 of which have the capacity to hold plant life. 3. Meshmixed Modern. Modernist chairs are re-mixed, using meshmixer support material, to rethink the making of modernist masterpieces. 4. Coral Reef Seeding Units. Will be used to create habitat for coral larvae. 5. Shed is a small 3D printed prototype building constructed with our Picoroco Blocks™ printed in cement and salt materials. 3D Cement is used for the main cladding and 3D Salt for the side windows to allow in light. 6. The Seed Stitch Wall is a prototype for a 3D printed ceramic wall cladding system.





ABOUT ELIZABETH LAGARDE

While working in the Bay Area, Elizabeth Lagarde accumulated an impressive resume at Cervantes Design Associates and Asian Neighborhood Design. Collaborating on projects serving the public and disadvantaged communities she gained valuable experience.

Towards the end of 2017, Elizabeth moved back to her hometown of Santa Ana, California. Despite years of experience, leaving all her Bay Area professional contacts, shifting back to her hometown was a challenge. However, through perseverance, she managed to overcome the change and find employment at her current firm, Morrissey Associates, Inc. Within six months she was promoted to Project Manager, bridging project stakeholders and leading a design team through it all.

Elizabeth is a thoughtful, analytical “mujer” who knows her worth and what is important to her. She has an incredible work ethic, and has thrived at her firm by taking on career advancement opportunities outside of her comfort zone. Her work has always reflected an alignment with her values of creating livable, accessible spaces; and simultaneously putting the extra effort of dedicating time to mentor students with design projects. Her “narrative” continues strengthening her professional growth as she progresses

while nurturing her support network.

How did you get your job?

After living in the Bay Area for about 10 years (four years for school and 5.5 years for work), I decided to move back to my hometown in Orange County.

I moved back without having a job lined up, but I had saved enough to get me through. It helped that I was living with my family at the time.

Once in Orange County, it felt as if I was starting a new life in a new city. Even though I had grown up here and visited on occasion for family events, I didn't know where the jobs were.

To start with the search, I spent time to first assess my skills and experience to determine what roles I could take on. I also set goals for the type of job I was looking for, taking into account project types, location, and salary. Going through this first helped set my foundation.



Elizabeth Lagarde
Project Manager
Morrissey Associates, Inc.
Santa Ana, CA



“We bring the same professionalism and high standards to every project, regardless of sector or scale. Morrissey Associates, Inc. is founded on the idea that creative and efficient architectural solutions do enhance our physical world. Through collaborative planning process and efficient use of materials and budget. MAI creates sustainable, stimulating and nurturing environments which enhance and energize the living, working, teaching and learning experience.” MORRISSEY



Carver Elementary School
1401 W Santa Ana Blvd, Santa Ana, CA 92703



Creative collaboration: Elizabeth and Morrissey designer reviewing a project.

I reached out to friends and colleagues who I knew were living in Southern California. I also utilized a few job search websites, such as LinkedIn, and viewed the job boards page of local AIA chapter's website (AIAOC, AIALA, AIA Long Beach). Through LinkedIn, I found out about a Senior Job Captain opportunity at Morrissey Associates, Inc. (MAI), a small firm in Downtown Santa Ana which specialized in K-12 school projects.



Working in a small firm, I also work on the production of construction documents using CAD or Revit.

The projects I am currently working on are a combination of barrier-removal, modernization, and new construction projects for the Santa Ana Unified School District and Los Angeles Unified School District. One of the projects I am working on is a new 2-story building on an existing elementary school campus for LAUSD.

Having had experience in education projects the opportunity caught my interest and I sent my cover letter, resume, and portfolio. A few days later, I was excited to hear back from Tom Morrissey, the President at MAI, to schedule an interview. I interviewed with Tom and Scott Harper, Vice President of MAI, and was offered to join their team as a Senior Job Captain.

Recently, I've joined Tom in mentoring a class of middle school students for their SchoolsNEXT Design Competition. Last year I participated as a judge for the competition. This year, I'm excited to be more involved as a mentor.

Amazingly, six months later, I was promoted as a Project Manager.

Outside of work, I am also working on licensure. Thankfully, I have the support of MAI in this process.

What are your professional responsibilities?

What do you like most about your job?

As the Project Manager, I am the link between the Client, Architect (and the architect's team of staff and engineering consultants), and the Contractor when the project begins construction. I spend a significant portion of my time interacting directly and collaborating with all team members. It also involves coordinating and overseeing all aspects of the project, both administrative and technical; from conceptual design to construction and completion, making sure the project meets quality, schedule, budget, and contractual goals.

I enjoy the projects I work on; there is a rewarding feeling in designing schools that are vibrant, safe, and accessible to all students. I also enjoy leading and working alongside a very passionate team, engaging in dialogue and designing creative solutions on projects collaboratively. When I started my role as Project Manager, I felt new to the work, having been comfortable in the Job Captain and Project Coordinator role for years. But I've learned and grown in my profession since then and am fortunate to have had, and continue to have, the support of the President, Vice President, and Senior Project Managers, all who encourage me to push my professional growth.



Los Angeles Unified School District,
Castle Heights Elementary School
2-Story Classroom
9755 Cattaraugus Avenue
Los Angeles CA 90034



Ann Peppers Hall at the Center
for the Arts
University of Redlands
1200 East Colton Ave
Redlands, CA 92373



The Theatre Arts Building
University of Redlands
1200 East Colton Ave
Redlands, CA 92373

MORRISSEY Architecture & Planning
313 N Birch St, Ste 103 | Santa Ana, CA 92701
www.morrisseyai.com 714.836.6137

ABOUT CECILIA CARDENAS



Fortunately, we have managed to stay abreast of Cecilia Cardenas' professional development; she shared her story with us in a previous issue of BD (Vol. 18). Cecilia was initially brought on as a college intern at KTGy Architecture + Planning, she has since been promoted to Senior Job Captain within a span of 7 years. She credits the origins of her career success to the connections she made while at UC Berkeley. However, it was her decision to accept the challenge at KTGy where she made it her own.

Cecilia notes how working at KTGy has helped her set goals for herself and reach them. She has continuously demonstrated her dedication on multiple residential projects that have emerged through her efforts. She has also been empowering her community by exposing middle school students through a design curriculum to design and planning careers, as well as other advanced career fields.

Cecilia's story illustrates a strong Latina that is consistently achieving her professional goals as she builds

on her already successful career, while still managing to give back to her community.

How did you get your job?

I was introduced to KTGy through an internship course at UC Berkeley, which later led to a paid summer internship position and eventually a full-time hire. I was very fortunate to be matched with KTGy; it is a great firm that has truly nurtured my professional development and confidence as a designer and leader.

What are your professional responsibilities?

My current title is Senior Job Captain. I am responsible for managing multiple projects at a time including: schedules, consultant coordination, budget, and team building all in one. Looking back at my intern days makes me smile. There is so much learning that occurs on a daily basis, we are always kept on our feet.

What do you like most about your job?

I love initiating projects just as much as I love completing them. There is something satisfying about organizing a team and the problem solving that occurs in the interim. It is a beautiful, yet indescribable feeling to see our linework and team effort come to life. We are building homes where families will share so many different emotions and experiences.



Cecilia Cardenas
Senior Job Captain, KTGy
Oakland CA

Projects Managed

Built

- Madison at Boulevard for CalAtlantic Homes, now Lennar Company Townhomes: 107 units, 15 buildings Dublin, CA
- Union at Boulevard for CalAtlantic Homes, now Lennar Company Motorcourts: 62 units, 17 buildings Dublin, CA

Under Construction

- Skyline at Boulevard for CalAtlantic Homes, now Lennar Company Dublin, CA
- Townhomes 114 units, 16 buildings. Alameda Point for Trumark Homes Alameda, CA
- Townhomes 64 units, 11 buildings Elev8tion for Taylor Morrison - Condos - 64 units, 8 buildings
- Duets & Single Family - 22 units 12 buildings
- Recreational Building, 1 building Sunnyvale, CA



Left: Alameda Point for Trumark Homes
Right: at Madison Boulevard for CalAtlantic Homes, now Lennar Company Townhomes



Left: Union at Boulevard for CalAtlantic Homes
Right: Boardwalk at GlassBay for Trumark Homes

KTGY Architecture
1814 Franklin St. Ste. 400
Oakland, CA 94612
[www.http://ktgy.com](http://ktgy.com) 510.272.2910

Richard Bender, Un Gran Amigo!

Joseph Martinez, Architect



Distinguished architect, planner, college dean, scholar, and author -- Richard Bender is that, and much, much more.

Many students know him as a faculty member and/or Chairman/Dean at the College of Environmental Design, UC Berkeley, and others in/out of the profession will know him through his association with The Getty Trust, and the San Francisco Downtown Plan. Likewise, he has worked with the likes of Walter Gropius, Le Corbusier, Josef Luis Sert, I.M. Pei, Fumihiko Maki, Ada Louise Huxtable, Mark Rothko and Reynar Banham.

Aboard, Richard is known for directing a Master Plan for Noshima, Japan, a Master Plan for Nanyang Technical University in Singapore, and a Master Plan for CERN, the Nuclear Research Center in Geneva. Moreover, he has served as the GC-5 Visiting Chair of Urban Design & Construction at Tokyo University, and as an honorary Professor at the Universite Europeene

de Maitrise 'Oeuvre Urbaine in Cergy-Pontoise, France.

Amazingly, this neo-Renaissance man from Brooklyn (b. 1930) arrived in Berkeley, CA in the mid-1960s with his M. Arch. degree in hand from Harvard/GSD and with a very broad and progressive view of the world. Right place, right time, right amigo!

He anticipated the rapid population growth of the West, and in particular the need for housing, livable and vibrant communities, and infrastructure.

Ponder this: in the 1970s Richard was a leader with a clear voice: Industrialization and Self-help Housing, MIT Conference (1972); Incremental Infrastructure, AID Program Proceedings, MIT (1974); The Factory Without Walls, Industrialization in Residential Construction, California Management Review (1976); and, "Affordable Housing, Livable Communities", PLACES MIT Press (1985). Plus, he was a founding Director of BRIDGE (1983), a non-profit affordable housing corporation.

Over his illustrious career, Richard Bender has received many accolades, distinctions and awards. Recently, the College of Environmental Design created a fellowship in his namesake.

Equally as significant are the emerging benefits of today based on opportunities he laid out in the late 1970s for a dozen or so Chicano undergraduate students at CED.



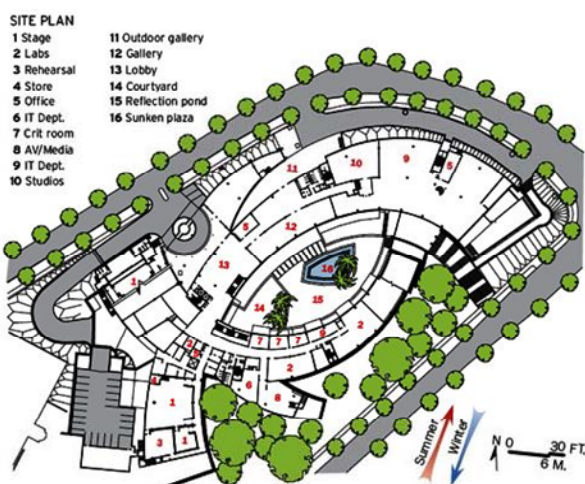
RICHARD BENDER
Professor Emeritus of
Architecture

Photo © College of Environmental Design, University of California, Berkeley

Back then, in a one-on-one meeting, when asked by these graduating seniors, "How many will you accept into the graduate program in architecture?", Dean Bender said, "All of you"!

Similarly, it was Dean Bender who approved the CASA proposal for a Community Design Outreach Program. Today at CED, there is the Chicano Architectural Students Association (CASA), the Chicano Alumni Scholarship Program, the CASA Mentorship & Retention Program, and this e-magazine, By Design -- Mil gracias Amigo!

Luminaria/o: Translated from Spanish to English - Luminary, synonymous with light, shining star, preeminent and celebrity.



Master Plan for Nanyang Technical University in Singapore



University of Tokyo



Columbia University, New York

Mr. Bender has been a visiting Professor of Architecture, Graduate School of Design, Harvard. MIT, the Swiss Technical University, Instituto Universitario Architettura, Venice, Visiting Chair, Urban Design & Planning at the University of Tokyo. He has taught at world renown institutions: 1976 – 1990 Dean, College of Environmental Design, UC Berkeley 1973 – 1976 Chairman, Department of Architecture, UC Berkeley 1969 Cooper Union and Columbia University, New York

Connecting with our Roots: Fall 2019

Omar Martinez-Zoluaga, College of Environmental Design, UC Berkeley



CASA's main goal this semester has been to establish a stronger Latinx "comunidad" in Wurster Hall.

Our identities, our stories, our experiences, and our interests in the field of design has connected us and brought us together. CASA has grown since the beginning of the semester.

We are focused on bridging "Casistas" with the professional world by providing broad-exposure, while still embracing our identities.

A highlight of this semester has been reconnecting with past "Casistas" from different graduating classes. Fortunately, our social media platforms have given us the opportunity to connect with our alumni. Not to mention, our alumni have also taken the initiative to help us. With their support, our alumni have opened the door of endless opportunities, especially professional and academic development. This connection has allowed our alumni to come back and speak about their journeys as students, professionals, and "Casistas."



CASA Alumni Mentors: (L to R)
Blanca Delgado, Claudia Raygoza, and Abel Morales

Likewise, CASA alumni have recently hosted workshops and discussions.

For our first event, Celeste Rodriguez (HKS Inc.) and Ivan Rodriguez (AECOM), hosted an open discussion event where they shared their stories, challenges, as well as, the opportunities they had taken since graduation.

Just recently, three of our alumni hosted CASA's first portfolio workshop. Blanca Delgado (IA. Interior Architects), Claudia Raygoza (MBH Architects), and Abel Morales (SVA Architect) collaborated to provide a presentation on how to develop one's portfolio. This event gave our members the opportunity to have an open discussion about the do's and don'ts on portfolios.



Similar to Ivan and Celeste, Blanca, Claudia, and Abel shared their stories.

To them, and other alumni reaching out to us, thank you! It means a lot to have people in front of us extending their support, their guidance, and reassuring us that anything is possible.

Moving forward, our vision, our goal is to continue to bring visibility to our Casistas, to connect them with academic, professional, and financial resources. Ultimately we hope that our members exploit this support system intended to invest in their success.

We want to expand the horizons of CASA with the hopes of having our alumni extending themselves to guide the next generation of designers, architects, and planners.

We look forward to further reconnecting with our roots - our "Casistas"!



Above: First event, Celeste Rodriguez (HKS Inc.) and Ivan Rodriguez (AECOM), hosted an open discussion event with CASA members to discuss their stories, challenges and opportunities since their graduation from CED.



Above: CASA's first portfolio workshop. Blanca Delgado (IA. Interior Architects), Claudia Raygoza (MBH Architects), and Abel Morales (SVA Architect) provide a presentation on how to develop a good portfolio.

CASA (Chicanx/Latinx Architecture Student Association) is a student organization founded in 1971 with the expressed purpose of promoting access, diversity, and success for Latinx/Chicanx students at the College of Environmental Design, University of California, Berkeley. CASA is currently executing a professional mentorship program to offer CASA members an opportunity to get mentored by CASA/CED alumni in various design related fields. Mentoring will prepare students for career readiness as well as applying for jobs as graduates begin their careers. Please contact us if you would like to participate as a mentor to our future leaders. Omar Martinez-Zoluaga, B.A. Architecture, 2021 omartinez10752@berkeley.edu

