

VIRGINIA SAN FRATELLO

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EDUCATION

Columbia University, New York, New York
Master of Architecture

North Carolina State University, Raleigh, North Carolina
Bachelor of Environmental Design

ACADEMIC APPOINTMENTS

San Jose State University, San Jose, CA,
Associate Professor, 2016- current
Assistant Professor, 2010- 2016

University of Arkansas, Fayetteville, AR
Distinguished Visiting Professor, 2019

University of Queensland, Brisbane, AU
Visiting Professor, 2014- 2018

The University of California Berkeley, Berkeley, CA
Visiting Scholar, 2016-2018
Lecturer, 2008-2009

California College of the Arts, San Francisco, CA
Senior Lecturer, 2008-2009

University of Arizona, Tucson, AZ
Adjunct Assistant Professor, 2008

Clemson University, Clemson, SC
Charles E. Daniel Center for Building Research and Urban Studies, Genoa, IT, 2006-2007
Assistant Professor, 2004-2007
Lecturer, 2003-2004

Southern California Institute of Architecture (SCI-Arc), Los Angeles, CA
Lecturer, 2005

PROFESSIONAL EXPERIENCE

Emerging Objects, Oakland, CA
Co-Founder and Chief Creative Officer, 2012 - present

Rael San Fratello Architects, Oakland, CA
Principal Partner with Ronald Rael, 2003- present

Virginia San Fratello Architect, NYC, NY
Architect, 2002-2003

Turett Collaborative Architects, New York, NY
Project Architect, 1998-2002

Rogers Marvel Architects, New York, NY
Designer, 1996-1998

P B C + L Architects, Raleigh, NC
Designer, 1994-1995

Viaduktarchitekturgesellschaft MbH, Berlin, Germany
Intern, 1993-1994

REGISTRATION

NCARB certified
Licensed architect New York # 028744
Licensed architect Colorado # ARC-306422

PUBLICATIONS

BOOKS by Virginia San Fratello

2018 Rael, Ronald and San Fratello, Virginia. *Printing Architecture: Innovative Recipes for 3D Printing*. Princeton Architectural Press. May, 2018

(Princeton Architectural Press is a world leader in architecture and design publishing, both in market share and in editorial and design excellence. They are distributed by Chronicle Books in San Francisco.)

ESSAYS, IMAGES, ARTICLES AND CHAPTERS by Virginia San Fratello in BOOKS and JOURNALS

2018 Rael, Ronald , San Fratello, Virginia “ A Well Crafted Future”, *Mass Customization and Design Democratization*, Kolaravic, Branko and Duarte, Jose, (eds.), London and New York: Routledge, 2018

San Fratello, Virginia “Material Ombrés”, *Interiors*, A. Chu and L. Weinthal, Taylor & Francis, 2018

2017 Rael, Ronald , San Fratello, Virginia and, Ponce de Leon, Monica, “Monica Ponce de Leon, Virginia San Fratello and Ronald Rael”, *Fabricate 2017*, Menges, Sheil, Glynn, & Skavara (eds) Riverside Architectural Press, Cambridge, Ontario, 2017

Rael, Ronald, San Fratello, Virginia, “Clay Bodies: Crafting the future with 3D Printing”, *3D Printed Body Architectures*, N. Leach, B. Farahi, AD, June 2017.

2014 San Fratello, Virginia and Rael, Ronald, “Emerging Objects”, *Printing Things, Visions and Essentials for 3D Printing*, C. Warnier, D. Verbruggen/ Unfold, S. Ehmann, R. Klanten, Gestalten Press, April 2014.

San Fratello, Virginia and Rael, Ronald, Oxman, Neri, “Virginia San Fratello and Ronald Rael in Conversation with Neri Oxman”, *Fabricate*, Gramazio, Fabio, Kohler, Matthias, Langenberg, Silke, (eds), gta verlag, 2014, pp. 86-91.

2012 San Fratello, Virginia and Rael, Ronald “Unnatural Materials.” ACADIA 2012: Synthetic Digital Ecologies : Proceedings of the 32nd Annual Conference of the Association for Computer Aided Design in Architecture, Mark Cabrinha, Jason Kelly Johnson, Kyle Steinfeld, ACADIA, 2012, pp. 88-93.

San Fratello, Virginia, “San Jose State University”, *Tracings*, August 2012, pp. 26-27.

San Fratello, Virginia “The NEXT curtain.” ACSA 100th annual meeting, *Digital Aptitudes + Other Openings*, Mark Goldthorpe, Amy Murphy, ACSA Press, October, 2012, pg. 39.

San Fratello, Virginia, “Hyperculture: Earth as Interface”, *assemble: d3:dialog*, international journal of architecture + design, Gregory Marinic, Mary-Jo Schlachter, d3 Press, 2012.

2011 San Fratello, Virginia and Rael, Ronald. “Material Design and Analysis for 3D-Printed Fiber-Reinforced Cement Polymer Building Components.” *Ambience 11: International Conference of Technology, Art and Design at The University of Borås*, Sweden. Ed. Nancy de Freitas. November 29, 2011.

San Fratello, Virginia and Rael, Ronald. “Developing Concrete Polymer Building Components for 3D Printing”, Association for Computer Aided Design in Architecture 2011. Banf, Canada. October 16, 2011.

Rael San Fratello Architects, “Migrating, Floating, Gardens: Airscape Architecture”, *Utopia Forever: Visions of Architecture and Urbanism*, Feireiss, Lukas, Gestalten Press, 2011.

- 2010 San Fratello, Virginia and Geiger, Jordan, "Hyperculture: Earth as Interface", *Life in:formation*. Aaron Sprecher, Shai Yeshayahu, Pablo Lorenzo – Eiroa. ACADIA, 2010.
- ACSA West Central Fall Conference Proceedings, "Flip Your Field, "Hyperculture as Interface", University of Illinois at Chicago, Chicago, IL . 2010.
- 2006 San Fratello, Virginia. "Dish". *Synthetic Landscapes*. Gregory Luhan, Philip Anzalone, Mark Cabrinha, Cory Clarke, University of Kentucky Press. ACADIA, 2006
- San Fratello, Virginia. "Pret a Portable" , *SOUTH* vol. 1, January 2006, pp. 116-119.
- 2004 San Fratello, Virginia. "Hybrid Furniture." *Fabrication: Examining the Digital Practice of Architecture*. Williamson, Beesley, Cheng. Toronto, Ontario. University of Waterloo School of Architecture Press, 2004. p. 396-397.
- ARTICLES and IMAGES IN BOOKS, MAGAZINES, JOURNALS, and NEWSPAPERS WRITTEN BY OTHERS ON THE WORK OF Virginia San Fratello**
(Publications about Rael San Fratello / Emerging Objects are too numerous to mention, however a few select publication are listed below.)
- 2019 Wollan, Malia, "How to Build a Teeter Totter", *The New York Times Magazine*, August 20, 2019.
- Brown, Patricia Leigh, "The Lewis and Clark of the Digital Building Frontier", *The New York Times*, March 17, 2019
- 2018 Kimmelman, Michael, "At This Museum Show, You're Encouraged to Follow Your Nose", *Design Review of The Senses: Design Beyond Vision*, *The New York Times*, April 19, 2018
- Lupton, Ellen, Lipps, Andrea, "Sensory Materials", *The Senses*, Princeton Architectural Press, 2018
- "Cutting-edge 3-D-printing pushes construction boundaries in an Oakland cabin", *AN Interiors*, March 2018, pp. 74-83
- Garafalo, Laura, "Sensorial Interior Landscapes", *The Interior Architecture Theory Reader*. Ed. Marinic, Gregory, Routledge. 2018
- Olsen, Clare. "On Limits." *Interior Architecture Theory Reader*. Ed. Marinic, Gregory. Routledge. 2018
- 2017 Sweetapple, Kate, Warriner, Gemma, "Saltygloo", "Utah Tea Set", *Food Futures*, Promopress, 2017
- 2016 Thompson, Helen, *Marfa Modern: Artistic Interiors of the West Texas High Desert*, The Montecelli Press, October, 2016
- Schneiderman, Deborah, "Bespoke: Tailoring the Mass-Produced Prefabricated Interior", *Textile Technology and Design: Form Interior Space to Outer Space*. Ed. Schneiderman, Deborah, Winton, Alexa. Bloomsbury Publishing. 2016
- Nanotecture*, Phaidon Press, 2016
- Vanette, Dora. "Q&A: Architect Virginia San Fratello on 3D Printing an Entire House—Walls, Floors, Cutlery, and All." *Metropolis Magazine*. January 27, 2016
- 2015 Berman, Ila, Kudless, Andrew, *FLUX: Architecture in Parametric Landscape*, Applied Research and Design Publishing, 2015
- "Another Brick in the Wall", *Sunset Magazine*, July 2015
- Bishop, Deborah, "Pushing Print", *American Craft Magazine*, August/September 2015, pp. 5, 16-17
- Fixsen, Anna, "The Fine Print", *Architeturual Record*, April, 2015, pp. 33-34
- 2014 Bryden, Douglas, "Research and the Future of Computer Aided Design and Rapid Prototyping", *Cad and Rapid Prototyping for Product Design*, 2014, pp. 128-132
- Hoyt, Alex, "Material Focus", *Architect Magazine*, October 2014, pp. 55-58.

- Shim, Jane Misun, "Gradually Embracing Digital Fabrication Demanded by the Times", *SPACE*, September, 2014, pp. 58-60
- Herndon, Lara Kristen and Meade, Derrick, "Source Materials", *Metropolis Magazine*, April 2014, pp. 56-57.
- Staff, "Women of Influence 2014", *Silicon Valley Business Journal*, April, 2014.
- Miller, Anna Bergren, "Emerging Voices Rael San Fratello", *The Architect's Newspaper*, April 2014.
- Murrow, Lauren, "Fashion and Tech Collide", *San Francisco Magazine*, March 2014
- Rael, Ronald, "Recuerdos", *BOOM A Journal of California*, Spring 2014
- 2013 Tweedle, Anna, "Disrupting Architecture: An interview with Virginia San Fratello", *Australian Design Review*, September 2013.
- Gheorghe, Andrei, "Acadia 2012 Conference in San Francisco", *Architektur Aktuell*, April. 2013, pg. 18-20
- "The Seat Slug" In *Performative Materials in Architecture and Design*, ed. Rashida Ng, and Sneha Patel (The University of Chicago Press, 2013), p. 164-165.
- Justin Williams, "3D Printing for Architecture", [www.EnergyandCapital](http://www.EnergyandCapital.com), May. 22, 2013
- Campbell Dollagan, Kelsey, Wood, Salt and Wonder: The Renewable Future of 3D Printing, www.gizmodo.com, May 05, 2013 ****
- 2012 Malone, Alanna, "Garden of Light", *Greensource Magazine*, Dec. 2012, pg. 30-31
- "Hydro Wall by Rael San Fratello Architects", *Inventario: Everything is a Project*, edited by Beppe Finesse, Corrani, December, 2012, pg. 26.
- "Rael San Fratello Architects", *L'Arca*, December 2012, pg. 90-91.
- Brownell, Blaine, "Technology Transfer on a Budget", *Architect Magazine*, Sept., 2012.
- Meinhold, Bridgette, SOL Grotto is a Cool and Mesmerizing Space Made With Reclaimed Solyndra Rods in Berkeley, www.inhabit.com, Sept. 23, 2012 ***
- Bozzi, Nicola, "SOL Grotto by Rael San Fratello Architects: High Tech Glass Tubes for a Contemplation Retreat", www.FRAMEweb.com, Sept. 21, 2012.
- Korosec, Kristen, "A new life for Solyndra's solar tubes", www.smartplanet.com, Sept. 18, 2012.
- Campbell-Dollaghan, Kelsey, "Art Made From Solyndra's Remnants Becomes Political Lightning Rod", www.fastcompany.com, Aug. 26, 2012.
- Sankin, Aaron, "Solyndra Art Installation Used Glass Tubes From Failed Energy Company -- But Conservatives Find Fault", *Huffington Post*, Aug. 24, 2012.
- Hull, Dana, "Solyndra's Glass Tubes Find Second Life as Modern Art", *Contra Costa Times*, Aug. 23, 2012.
- Skinner, Kristopher, "Solyndra Solar Tubes Reborn as Botanical Garden Sculpture", *San Jose Mercury News*, Aug. 22, 2012 .
- Gehrke, Joel "SOL: Solyndra's taxpayer-funded glass tubes now in modern art exhibit", *The Washington Examiner*, Aug. 20, 2012.
- Eaton, Joe and Sullivan, Ron, "Natural Discourse at UC Berkeley Botanical Garden", *SFGate*, Aug. 15, 2012.
- Colopy, Andrew. "WPA 2.0: Borderwall as Infrastructure," *PRAXIS: Journal of Writing + Building*, Volume 1, Issue 13. 2012.
- Rael, Ronald. "Boundary Line Infrastructure" in *Thresholds: Socio—!*, edited by Jonathan Crisman, 76-82. Boston: MIT Press, 2012.
- "Tomorrow is Yesterday", *L'Arca*, July 2012, pg. 5.
- Cohen, Edie, "Bale Tale", *Interior Design Magazine*, March 2012 issue, pg. 34-35

- Ehrelemark, Björn, "Byggstenar röd tråd i textilforskning." *Arkitekten*. January, 2012. Pg. 38.
- *** Newspapers, TV stations, blogs, websites and radio programmes covering the SOL Grotto are too numerous to mention.
- **** blogs, reblogs, and websites covering the 3D printed materials being developed by Emerging Objects are too numerous to mention.
- 2011
- Lee, Lydia, "Ten to Watch", *California Home and Design Magazine*, pp. 77, 88.
- Rael San Fratello Architects, "Border Wall", *Insidious Urbanism*, tarp Architecture Manual, Pratt School of Architecture, Spring 2011
- Klanten, Robert, and Lukas Feireiss. "Migrating Floating Gardens." In *Utopia Forever: Visions of Architecture and Urbanism*, ed. Lukas Feireiss (Berlin: Gestalten, 2011) , p. 235-236.
- Jividen, Michael, "Homeless House", *Soiled*, pp. 20-24.
- Tylevich, Katya, "Wait a Minute." *Mark Magazine*. Oct/Nov 2011. pp. 89-99.
- 2010
- Klooster, Thorsten, ed., "The Hydrowall" In *Smart Surfaces – and their Application in Architecture and Design*, (Cottbus: Birkhauser, 2009) , p. 48.
- Rael, Ronald, "Airscape Architecture: Migrating Floating Gardens", *Kerbed 18PlastiCity FantastiCity*. pp.85-87, 2010.
- Pazornik, Amanda, "A booth with a view." *J! Weekly*, September 24, 2010. pp Cover, 20-21.
- Rajagopal, Avinash, "A Sunday in Sukkah City", *Metropolis Magazine*, Sept. 20, 2010.
- Bernstein, Fred, "A Harvest of Temporary Shelters", *New York Times*, September 16, 2010.
- 2009
- "Pier Museum Miami 2009," *Wettbewerbe Aktuell Technical Journal*, 2009. p. 36.
- "Light Voids." *C3*. September, 2009. pp. 9-11.
- 2008
- Hightower, J. Brantley, "The Judd Effect", *Texas Architect*, July, 2008.
- Kruse, Laurelin, "Architecture takes on a Higher Calling", *Valley Courier*, July 29th 2008.
- Szenasy, Susan, Director, *Brilliant Simplicity*, 2008.
- "Shipbuilding Technology Brings Hydro Wall Out of the Computer", *Metropolis Magazine*, November, 2006.
- 2006
- "Mirador – A Wall Made of Water", *DOMUS*, November, 2006.
- "New Ideas", *BOB The International Magazine of Space Design*, September, 2006.
- "Award Brief", *Building Green*, July 2006.
- "Star Track, The Next Generation Prize", *Landscape Architecture Magazine*, July, 2006.
- Smith, Erin, "Two architects unveil plans for new Antonito rec center", *Pueblo Chieftain*, July 15, 2006.
- "The Next Generation", *Metropolis Magazine*, June 28, 2006.
- Zacks, Stephen, "Out of the Computer", *Business Week*, June 1, 2006.
- Bennett, Sam. "Construction Industry Spotlight: Can Your Building's Walls Store Water?", *Seattle Daily Journal of Commerce*, May 18, 2006.
- Portwood, Jerry. "Observations on Prada Mud", *Log* (Cynthia Davidson Editor). Winter/Spring 2006.
- Zachs, Stephen, " Out of the Computer", *Metropolis Magazine*, June 2006.
- Susan S. Szenasy, "Craft and Technology", *Metropolis Magazine*, June 2006.
- "And the Winner is...Metropolis announces the winner of the 2006 Next Generation Award -- Virginia San Fratello; Ronald Rael; Isaiah Dunlap", www.archnewsnow.com, April 28, 2006.
- "Metropolis Next Generation Winner: Hydro Wall", www.inhabitat.com, May 4, 2006.

- "Hydro Wall - winner of the 2006 Next Generation Award", www.chaosgeneration.com, May 3, 2006.
- "And the Winner Is...", *Metropolis Magazine*, May 2006.
- "The Intersection of Structure and Nature", *Daily Journal*, April 27, 2006.
- "Hydro Wall", www.coolhunting.com, May 5, 2006.
- "Virginia San Fratello Named Next Gen Winner", www.unbeige.com, April 27, 2006.
- 2005 Portwood, Jerry, "Art Outpost", *The Architects Newspaper*, December, 2005.
- "Storefront in the Desert: Prada Marfa sculpture intrigues, baffles", *El Paso Times*, October 18, 2005.
- Pearson, RaeHEL "Art in a small West Texas town: Artists, enthusiasts gather to see art 'linked' with the land", *The Daily*, October 11, 2005.
- Mendelsohn, Adam, "Stealing the Show", *Artforum*, Oct. 8, 2005.
- "The language of branding", *Financial Times*, Anthony Haden-Guest, October 1, 2005.
- Wilson, Eric, "Front Row: Little Prada in the Desert", *New York Times*, September 29, 2005.
- "Worship Gets Contemporary", *Anderson Independent-Mail*, Sept. 18, 2005.
- "GO, from New York", [China Design. net](http://ChinaDesign.net), July 15, 2005.
- "New York Design Week", [Japan Design Net](http://JapanDesignNet), June 6, 2005.
- "ICFF Preview", *Metropolis Magazine*, May 2005.
- "ICFF - rest of show", Mocoloco.com, May 24, 2005.
- "Back to School", [Design Sponge.com](http://DesignSponge.com), May 17, 2005.
- "Live at ICFF", *Metropolis Magazine*, May 15, 2005.
- "Clemson Students Keep Guests on the Edge of Their Seats", *Clemson News*, May 13, 2005.
- Hyde, Mirelle. "ICFF Preview", *Metropolis Magazine*, May 2005, pg.106.
- 2004 Cameron, Kristi. "Desk Job", *Metropolis Magazine*, December 2004. pg. 28.
- Day, Chris. "Corrugated Comfort", *Seneca Daily Journal*, December 28, 2004.
- "The 4th DBEW International Design Competition 2004", *MARU Interior Design*, October 2004.
- Krenz, Marcel. "Designers Light Up New York", *Blueprint Magazine*, July 2004.
- Louie, Elaine. "House Proud; Townhouse Invites the Outside In", *New York Times*, February 19, 2004.
- 2001 "All Systems Go", *Interior Design*, November 2001, pg. 100.
- Geran, Monica. "Going For Growth", *Interior Design*, September, 2001, pgs. 206-211.
- 1998 Columbia University publication: Abstract, 1995-96, 96-97, 97-98.
- 1992 North Carolina State University publication: Studios, 1991-92.

TELEVISION + RADIO

- 2019 "Pink Seesaws Promote Play and Goodwill Along US-Mexico Border Wall", KQED Forum with Michael Krasny, August 8, 2019.
- 2018 "Unique Oakland Backyard Cabin Made Of 3D Printed Tiles", CBS San Francisco, April 18, 2018.

- 2016 KQED Spark broadcast "Our Creative Nature" [#903]
Explores innovative projects that help to protect and enhance our environment. See how Bay Area artists working in a variety of genres hope to inspire action to improve the quality of our land, waters and air. June 27, 28 + July 2, 3, 2016.
- 2013 ABC radio broadcast "By Design" is a live show with an architecture / design focus. October 9, 2013.
- "Building with New Materials"
ABC radio broadcast "By Design" is a live show with an architecture / design focus. October 9, 2013.
- "Sukkah of the Signs"
Sukkah City, a documentary film by Jason Hutt about the Sukkah City architecture competition, which features The Sukkah of the Signs by Rael San Fratello, premieres in the U.S. at the San Francisco Jewish Film Festival in the Bay Area, in NY city and in Jerusalem. July 30 – Aug. 5, 2013.
- "Interview with Virginia San Fratello and Phillippe Rahm"
Architel TV (Australian TV) July, 3, 2013.
- 2012 "SOL Grotto"
Interview with the Associated Press. November 11, 2012.
- "Solyndra Art Uproar"
Fox News Program "The Five", Aug. 21, 2012.
- "Bay Area Artists Create Display From Discarded Solyndra Solar Tubes", CBS local San Francisco, Aug. 21, 2012.
- "California Artwork Emerges from Solyndra's Bankruptcy"
National Public Radio, Aug. 14, 2012.
- 2008 "Meaning and Making"
Interview with Sudthida Cheunkarndee. San Francisco Academy of Art. November 6, 2008.

GRANTS, GIFTS AND FELLOWSHIPS

- 2019 \$4000 H+A Excellence in Programming grant for "Robots + Design" lecture series.
- 2018 \$2,500 plus course release RSCA grant for "House of Mud/ House of Snow"
\$45,00 Knight Foundation Grant for "Can Interactive Artwork Revive Neglected Urban Space" with Gordon Douglass and CommUniverCity
- 2017 \$7,500 H+A Excellence in Programming grant for "Women in Computational Design and Fabrication" lecture series.
\$1,00 SJSU Undergraduate Research Grant with Ang Lee, "3D Printing for the Mass Customization of Paper Light Diffusers".
\$1,000 SJSU Undergraduate Research Grant with Lana Herejet, "3D Printing Ceramic Building Components".
- 2015 \$4,250 CSU RSCA grant
\$1,000 SJSU Research Foundation "Early Career Investigator Award"
\$10,000 International Interior Design Association (IIDA) Educator of the Year Award
- 2014 Autodesk, Fellowship
\$5,000 SJSU Summer 2014 RSCA grant
- 2013 \$90,000 P3: People, Prosperity and the Planet EPA Grant Phase II
\$5,000 SJSU Spring 2013 RSCA grant
\$10,00 SJSU Undergraduate research grant with Samantha Lewis, "Responsive Building Envelopes".
- 2012 \$15,000 P3: People, Prosperity and the Plant EPA Grant Phase I
\$10,00 SJSU Undergraduate research grant with Desiree Cuneo, "3D Printing Façade and Window Elements".
\$1,000 SJSU Undergraduate research grant with Jessica Sikoryak, "3D Printing Mass Customized Metal Interior Building Components".
- 2011 \$10,000 California State University research grant
- 2010 \$7,500 California State University research grant
\$10,000. Biennial of the Americas Exhibition Grant
- 2009 \$5,000 grant from the New Orleans AIA to develop installation for Descours.
- 2007 \$2,500 grant to curate exhibit of student work at Salone Satellite in Milan, Italy.
- 2006 \$10,000 Metropolis Magazine Next Generation Award for Hydro Wall.
- 2005 \$4000 Clemson Advancement Foundation grant
\$4000 McMahan Foundation for Excellence to support the exhibition of the CONSTUCT at ICFF.
\$1300 from the South Carolina AIA to support the exhibition of the CONSTUCT.

2004	\$2000 Clemson Advancement Foundation grant to support the exhibition of the CONSTUCT.
1997	\$1000 grant from the South Carolina Dept. of Commerce to support recycled material research.
1996	\$10,000 McMahan Foundation for Excellence to support CAD CAM research.
	\$10,000 award from the Association of American University Women
	\$500 Columbia University Kinne Fellowship

JURIED COMPETITIONS

Sustainability Winner for Coral Seeding Units: 3D Pioneers Challenge

The 3D Pioneers Challenge covers a range of verticals and is aimed at designers who are breaking new ground in the field of 3D printing. Winners were selected in a multi-stage jury process out of numerous submissions from over 23 countries. Jurors included Ross Lovegrove, Lovegrove Studio, Patrik Schumacher of Zaha Hadid Architects, and Gilles Retsin, program director for the Bartlett School of Architecture in London. 2019.

SF Design Week: Architecture Winner for Cabin of 3D Printed Curiosities

The SFDW Design Awards is an international design competition seeking to encourage thought leadership by supporting designers whose works can contribute towards a positive future for society. The Design Awards celebrates and recognizes exemplary work in all fields of design, including architecture, interior design, industrial design, communication design, and user experience design. Jurors included Michelle Hatton, Design Director/Senior Associate, Gensler, August de los Reyes, Director of User Experience, Google and Tung Chiang, Creative Lead, Studio Director, Heath Ceramics. 2019.

Architecture Winner for Cabin of 3D Printed Curiosities: 3D Pioneers Challenge

The 3D Pioneers Challenge covers a range of verticals and is aimed at designers who are breaking new ground in the field of 3D printing. Winners were selected in a multi-stage jury process out of numerous submissions from over 17 countries. Jurors included Achim Menges, Director of the Institute for Computational Design and Construction at the UNI Stuttgart and Silvia Olp, the vice president of the Society for Advancement of Architecture, Engineering, and Design in Stuttgart. 2018

ACADIA Digital Practice Award of Excellence

The Association for Computer Aided Design in Architecture is an international network of digital design researchers and professionals who host peer-review conferences and publications and facilitate critical investigations into the role of computation in architecture, planning, and building science, encouraging innovation in design creativity, sustainability, and education. Award was selected by ACADIA's Board of Directors through a highly competitive nomination and voting process, and some of the most innovative researchers and practitioners in the field of computational design. 2016

Winner, Emerging Voices

Being named an Emerging Voice by The Architectural League is one of the most coveted awards in North American architecture, and the invited competition is notable for its thirty-year history of identifying and nurturing firms that go on to have influential practices. Rael San Fratello is honored to have been named an Emerging Voice in 2014. The jury reviews significant bodies of realized work and considers accomplishments within the design and academic communities. Jury includes Fred Bernstein, Paul Lewis, Kate Orff, Thomas Phifer, Annabelle Selldorf, and Adam Yarinsky. 2014

Honorable Mention, Pamphlet Architecture 33 Invited Competition

The competition for Pamphlet Architecture 33 asked previous authors in the series to nominate the architects and theorists whose work represents the most exciting design and research in the field today. Founded in 1977 as an alternative to mainstream architectural publishing, Pamphlet Architecture encourages architects and writers to put forth their ideas, theories and designs in modest, affordable booklets. Its success is legendary: Pamphlet Architecture helped launch the careers architects from Steven Holl and Lebbeus Woods to Zaha Hadid, and has had influence far exceeding the ad-hoc nature of these humble books. 2012

Winner, Next Nest Design Competition

Rael San Fratello Architects selected as winner for the Homeless House Projects from over 106 entries. Judges include: Susan Szenacy, Editor in Chief of Metropolis Magazine, Matilda McQuaid, Smithsonian's Cooper-Hewitt, National Design Museum and Jason Pilarski, Professor, Art Center College of Design, 2013

Winner, P3: People, Prosperity and the Planet Competition

PI: Virginia San Fratello with the JSU Interior Design students

3D Printing Sustainable Wood and Glass Building Components, 2013

Finalist, Design Lab : Next Nest competition sponsored by the American Society of Interior Designers (A.S.I.D)

Finalist with the Hex Curtain, Homeless House and Pneuspaces / Pneuforms project entries. 3 of 17 projects chosen out of 106 entries. Judges include: Irene Hofmann, Director of SITE Santa Fe, Erin Elder from the Center for Contemporary Art and James Horn from Spears Architects. 2013

Winner, Sukkah City International Design Competition

Rael San Fratello Architects selected as 1 of 12 winners from over 600 entries in by a distinguished panel of jurors that included Michael Arad, Ron Arad, Rick Bell, Allan Chochinov, Matias Corea, Paul Goldberger, Steven Heller, Natalie Jeremijenko, Mara Kalman, Geoff Manaugh, Thom Mayne, Thomas de Monchaux, Ada Tolla and Adam Yarinsky. 2010

Honorable Mention, Pamphlet Architecture 32: Resilience Competition

Founded in 1977 as an alternative to mainstream architectural publishing, Pamphlet Architecture encourages architects and writers to put forth their ideas, theories and designs in modest, affordable booklets. Its success is legendary: Pamphlet Architecture helped launch the careers architects from Steven Holl and Lebbeus Woods to Zaha Hadid, and has had influence far exceeding the ad-hoc nature of these humble books. 2010

Finalist, WPA 2.0 International Architecture Competition

Rael San Fratello Architects selected as 1 of 6 finalists out of 200 entries from around the world by a distinguished jury that included Thom Main, Stan Allen, Elizabeth Diller, Cecil Balmond, Walter Hood and Marilyn Jordan Taylor. 2009

2nd Place, Architectum Miami Pier-Museum International Academic Competition

Rael San Fratello awarded 2nd place, out of 418 entries, in the Architectum Pier Museum International Academic Competition hosted by the University of Miami. Jury: Jean-Francois Lejeune, Rene Gonzalez, Chad Oppenheim, Nataniel Belcher, Rocco Ceo and Zeuler Lima. 2009

Winner, Descours American Institute of Architecture Design Competition

Rael San Fratello Architects selected by Descours, who invites internationally renowned architects and artists to create architecture installations within 'hidden' locations in the heart of New Orleans. 2009

Finalist, 2009 Rafael Viñoly Grants for Research in Architecture

Launched in 2005, the Architectural Training and Research Programs are a response to the need for the practice of architecture to return more of what is learned through designing and constructing buildings to the field itself. 2009

Winner, Metropolis Magazine Next Generation Design Competition

Virginia San Fratello Architects selected as the winner by a distinguished panel of jurors that included Susan Szansy and Lawrence Scarpa. 2006

HONORS

Mies Crown Hall Americas Prize for Emerging Architecture Nominee

Bloom — A 3D printed structure was nominated for this prestigious prize. 2016

Architectural Ceramics Assemblies Workshop

Rael San Fratello selected to participate in the week-long international workshop at the University of Buffalo, NY, which included architects from around the world, including participation by Morphosis, Jenny Sabin, Radical Craft. 2016

Next Progressives: Rael San Fratello,

Architect, the magazine of the American Institute of Architects, features Rael San Fratello as part of the Next Progressives series. September 2014.

Silicon Valley Business Journal's "Women of Influence Award"

Honored as one of the most influential women in Silicon Valley. 2014

Ten to Watch: Rael San Fratello Architects, California Home + Design Magazine

Nominated as 1 of Ten Architects on the Rise in 2011 by a distinguished panel of jurors that

included Neil Denari, Hsinming Fung, John Peterson, Tom Buresh, Luke Ogrydziak, Barbara Beslor, Steven Ehrlich, Margaret Griffin, Carrie Byles and David Meckel. 2011

Nominee, MoMA Foreclosed Exhibition

Nominees submit portfolios of their work for review by a panel comprised of Museum of Modern Art Chief Curator of The Department of Architecture and Design Barry Bergdoll., 2011.

Nominee, P.S. 1 Young Architects Program

Nominees submit portfolios of their work for review by a panel comprised of Museum of Modern Art Director Glenn Lowry, MoMA PS1 Director Klaus Biesenbach, and a host of experts in the art and architecture community. 2012 and 2009

Architectural Association Visiting Teachers Programme, The AA, London

The AA's innovative model as a place of education and debate attracts the interest of academic visitors from all over the world. Through this special program, the AA invites teachers of architecture an opportunity to engage with the teaching and research of the school, and to develop a debate about the aims and strategies of teaching architecture. 2007

Honored by the American Association of University Women

Nominees submit portfolios of their work for review by a panel comprised of Museum of Modern Art Director Glenn Lowry, MoMA PS1 Director Klaus Biesenbach, and a host of experts in the art and architecture community. 1997

AWARDS

2019	Architecture Winner: San Francisco Design Week Sustainability Winner: 3D Pioneers Challenge
2018	Architecture Winner: 3D Pioneers Challenge
2016	ACADIA (Association for Computer Aided Design in Architecture) Digital Practice Award of Excellence
2015	Winner, International Interior Design (IIDA) Educator of the Year SJSU Research Foundation Early Career Investigator Award
2014	Winner, Best Presentation at the annual Interior Design Educator's Council Annual Conference
2013	First Place Winner, Next Nest Design Competition organized by SITE Santa Fe EPA P3: People, Planet and Prosperity Award Winner
2011	Van Alen Institute Life at the Speed of Rail First Place Winner
2010	Sukkah City Design Competition Winner
2009	Finalist in the WPA 2.0 International Architecture Competition Second Prize in the Arquitectum International Architecture Competition MIAMI Descours Winner
2007	Index Award 2007: Top Nominee
2006	Metropolis Magazine Next Generation Competition First Place Winner
2004	The fourth Annual Design Between East and West International design Competition: Silver Prize
1997	The Association of University Women Scholarship Competition Award
1993	North Carolina State Excellence in Design Award

EXHIBITIONS

2019	Nature By Design: Cochineal <i>TBD</i> The Cooper Hewitt Smithsonian Design Museum, New York City, NY, Nov 9 2019 - April 9, 2020
	How The Light Gets In <i>Reunite</i> Johnson Museum of Art, Cornell University, Ithaca, New York, Sept. 7- Dec. 8, 2019
	What is Radical Today: 40 Positions on Architecture <i>Border Wall Teeter Totter Photograph</i> Royal Academy of Arts, London, England, Sept. 6 – Nov. 9, 2019
	San Francisco Design Week <i>Cabin of 3D Printed Curiosities</i> San Francisco Ferry Terminal, San Francisco, CA, June 20-28, 2019
	"East" at Jerusalem Design Week <i>Micaceous Clay Teapot</i> Hansen House, Jerusalem, Isreal, June 13-20, 2019

- "New Cities, Future Ruins at the Border"**
Zoquetes Fronterizos / Mud Frontiers
 The Rubin Center, El Paso, TX, January 20 – April 6, 2019
- "Sanctuary: Building a House Without Walls"**
Reunite Billboard
 The Cathedral Church of Saint John the Divine, New York City, NY, February 14 – June 30, 2019.
- 2018 **"For Freedoms: 50 State Initiative"**
Reunite Billboard
 Wilmington, DE, I-95 North, 1m North of Chapel, October 25 at noon - November 25, 2018 at noon
- "Califas: Art of the USMexico Borderlands"**
Teeter-Totter Wall, Xylophone Wall, Horse Racing Wall, Cactus Wall, Wildlife Wall, and Greenhouse Wall illustrations
Reunite Billboard
 The Richmond Art Center, Richmond, CA, August 20 – November 17, 2018
- "Sans Le Mains"**
Jacal Digital (Digital House of Mud)
 The Bernadaud Foundation, Limoges, France, June 14, 2018 -March 30, 2019
- "The Senses: Design Beyond Vision"**
Utah Tea Pot, Coffee Coffee Pot and cup, Chardonnay Wine Goblets, Furry Curry Casserole Dish, Cotton Candy Jar and 3D printed Loopy Tiles
 The Cooper Hewitt Smithsonian Design Museum, New York City, NY, April 13-October 22, 2018
- "Designed in California"**
Rubber Pouf
 SFMOMA, San Francisco, CA, January 27-May 27, 2018
- "India and the World"**
3D printed vessels
 CSMVS Museum, Mumbai, India, January 17-Feb. 23, 2018
- "Drawing Codes"**
Hairline Drawing
 Banvard Gallery at the Knowlton School of Architecture, Ohio State University, OH, January 10- February 9, 2018
- "The US Mexico Border: Place, Imagination and Possibility"**
Borderwall as Architecture Renderings and Drawings, Recuerdos, "The Wall" board game
 516 Arts, NM, January 13-April 15, 2018
- "The US Mexico Border: Place, Imagination and Possibility"**
Bad Ombrés
 Albuquerque Museum, NM, January 13-April 15, 2018
- 2017 **"The US Mexico Border: Place, Imagination and Possibility"**
Borderwall as Architecture Renderings and Drawings, Recuerdos, "The Wall" board game
 Craft and Folk Art Museum, Los Angeles, CA, September 10-January 7, 2017
- "Body, Object Enclosure"**
G-code vessels, 3D Printed Damask samples, Poroso:
 The Design Exchange, Toronto, Canada, October 10 – November 10, 2017
- "Insecurities: Tracing Displacement and Shelter"**
Borderwall as Architecture Renderings and Drawings.
 MOMA, New York City, NY, October 1-January 22, 2017
- "Drawing Codes"**
Hairline Drawing
 WUHP Gallery, Los Angeles, CA, July 8- August 20, 2017
- "Drawing Codes"**
Hairline Drawing
 California College of the Arts, San Francisco, CA, January 17- February 4, 2017
- 2016 **"Making a Difference / A Difference in Making"**

Haeckel Bowl Salt, Haeckel Bowl Wood, Haeckel Bowl Rubber.
The Red Dot Design Museum, Essen, Germany, September 27–October 30, 2016

“Beautiful Users”

Sawdust Screen, Bevel bowl, Rupp Prize.
Museum of Design Atlanta (MODA), Atlanta, GA. June 26 – October 27, 2016

“A Tipping Point: Technology in Ceramics”

G. Code Clay
Curated by Heather Nameth Bren and Michael Arnold, *A Tipping Point: Technology in Ceramics* brought together the work of ceramic artists, designers, and architects. Northern Clay Center, MN, October, 2016

“Atoms + Bytes, Redefining Craft in the Digital Age”

The Star Lounge and the Utah tea set.
Bellevue Muesum, Bellevue, WA, March 04 – July. 26, 2016

2015

“Materials Matter”

Saltygloo.
Riverside Gallery, Cambridge, Ontario, September 28 – November 8, 2015

“3D Printing the Future”

Seat Slug.
Museum of Design Atlanta, Atlanta, GA, September 18, 2015– January 10, 2016

“Superstrata”

Drum, Planter Tiles, Pine Involute, Starlight Mega, Utah Tea Set.
Compound Gallery. Oakland, CA, July 18 – September 6, 2015

“Edible Materials Lab”

Tea Cups, Tea Spoons, Coffee Cups, Salt Shakers.
Fusebox Gallery, Austin, TX, April 11-12, 2015.

“Making a Difference / A Difference in Making: Exploring the Added Value of 3D Printing”

Haeckel Bowl Salt, Haeckel Bowl Wood, Haeckel Bowl Rubber.
Bozar Palace of Fine Arts, Brussels, Belgium, April 24 – June 23, 2015

“3DXL—A Large Scale 3D Printing Exhibit”

Saltygloo:
The Design Exchange, Toronto, Canada, May 14 – Aug. 16, 2015

“Data Clay: Digital Strategies For Parsing The Earth”

Cool Brick: the first public exhibition to present the growing movement of architects, artists, and designers exploring the medium of ceramics coupled with digital technologies. Curated by Joshua Stein. Museum of Craft and Design, San Francisco, CA. January 17 through April 19, 2015.

“Beautiful Users”

Sawdust Screen, Bevel bowl, Rupp Prize: An invitational design exhibition curated by Ellen Lupton, Beautiful Users, installed in the Cooper Hewitt- Smithsonian’s first-floor Design Process Galleries, will introduce visitors to one of the fundamental changes in design thinking over the past half-century. The Cooper Hewitt – Smithsonian Design Museum, New York City, NY, Dec 12 – Apr. 26, 2015.

2014

“Design and Violence”

Borderwall as Architecture: An exhibition intended to present case studies that will spark discussion and bring the relationship between design and violence to center stage for designers and the people they serve—all of us. Design and Violence is organized by Paola Antonelli, Senior Curator, Department of Architecture and Design. MOMA, New York City, NY, Nov. 19, 2014.

“Burst Open”

Digital Dandelions: An invitational design exhibition exploring the emerging global open source design movement. The Artisan Gallery, Brisbane, Australia, Oct. 4- Dec. 24, 2014.

“New West Coast Design 2”

NWCD2 features works chosen for the significant contribution they make to the world of design by expanding on the idea of function, exploiting materials, innovative techniques, or pioneering applications of new technology. Emerging Objects presents 3d printed designs including the Rupp Prize, the Salt Pavilion and the “drum” printed in ceramic, salt and cement respectively. The Museum of Craft and Design, San Francisco, CA. October 26, 2013 – January 5, 2014.

“Above Below: Stories from Our Changing Bay”

Images from the Bay Line, a speculative project by Rael San Fratello, is included in this exhibit about how people and nature together have shaped the San Francisco Bay Area over the last 6,000 years. The Oakland Museum, August 31, 2013–February 23, 2014.

2013

“Life Support”

An invitational design exhibition, Life Support: Art <-> Design Sustenance. Emerging Objects presents 4 3d printed pieces designed specifically for this event. The David Richards Gallery, is the premier contemporary gallery in the Santa Fe Railyard Arts District. Santa Fe, NM in conjunction with Design Santa Fe. Nov 1 - 29, 2013.

“Natural Discourse”

SOL Grotto. A collaborative project between The University of California Botanical Garden at Berkeley and a multi-disciplinary group of artists, writers, architects and researchers who have been invited to spend time in the Berkeley Botanical Garden's extraordinary collection of plants, engage with the horticulturists and develop new site specific work. July 14, 2012- January 20, 2013.

2012

“Digital Aptitudes: The Next Curtain”

This peer reviewed exhibit of digital design and architecture projects was part of the ACSA (Association of Collegiate Schools of Architecture) 100th annual conference hosted by MIT (The Massachusetts Institute of Technology). The HEX curtain by Rael San Fratello architects was chosen to be a part of the exhibit. The distinguished jurors included: Julia Czerniak (Chair) Associate Professor, Syracuse University, Dana Cuff, Professor, University of California, Los Angeles, Preston Scott Cohen, Professor, Harvard University, Ammar Eloueini, Professor, Tulane University Amy Murphy, Associate Professor University of Southern California, March 1-4, 2012

“WILD cards”

A peer reviewed exhibit of digital design work featuring emerging west coast design firms. The distinguished jurors included: Ila Berman, Nataly Gattagno, Brian Price from the CCA and Ed Keller, Yale University. The exhibition was hosted in the main Nave space at the California College of the Arts in San Francisco. October, 2012.

“Objects by Architects at MIT”

Curated by Sarah M. Hirschman, presents a selection of design objects “smaller than a breadbox”. Includes work by Stanley Saitowitz, Nadar Tehrani and Yung Ho Chang. The Keller Gallery at MIT. September 27 – November 1, 2012.

“Media Architecture Biennale”

Rael San Fratello was invited to display the HEX curtain at the biennale held in Aarhus, Denmark. Curated by Dr. Gernot Tscherteu of the Media Architecture Institute, the exhibition will feature 60 of the World's most outstanding examples of media architecture in the form of prototypes, models, and large-size pictures and videos. Aarhus, Denmark. 15 November to 15 - December, 2012.

“Trazando La Linea”

Recuerdos. Centro Estatal de las Artes in Mexicali, Baja California, Mexico, from May 4-July 8, 2012.

“Makerfaire at the Tech”

Rael San Fratello was invited to display the Seat Slug as part of the exhibit at the Tech Museum in San Jose, CA. May 19 – August 17, 2012

2011

“SEAT Seminar—Conceptualization and Visualization”

Art and Design Center, UC Berkeley Extension, September 20–November 4, 2011.

“Life at the Speed of Rail: After Car Culture, Designing the New LA”

CalTrans Headquarters, Los Angeles, California, July 12, 2011

“Life at the Speed of Rail: Red State Rail”

The Baker Institute, Houston, Texas, July 4, 2011.

“Life at the Speed of Rail: Laying Tracks for Economic Development”

The Museum of Contemporary Art, St. Louis, Missouri, June 28, 2011

“Life at the Speed of Rail: Better Transportation by Design”

National Building Museum, Washington DC, June 24, 2011

- "SEAT"**
Seat Slug. Fort Mason Center, San Francisco, California, June 23, 2011
- 3D/DC: 3D Printing Comes to the Nation's Capital.**
 Rayburn House. Washington, D.C. April 28, 2011.
- "Vertical Gardens"**
 Virginia Center for Architecture, Richmond, Virginia, April 19 - May 29, 2011
- 2010 **"Sukkah City"**
 Union Square, New York, NY, September 10-16, 2010
- "Sukkah City: Winning Designs"**
 Center for Architecture Center for Architecture, New York, NY. September 22 - October 30, 2010
- "Earthscrapers"**
 Wurster Gallery, Berkeley, CA , October 4 –November 5, 2010
- "Earthscrapers"**
 Biennial of the Americas, Denver, CO July 1 –30, 2010
- "Hyper Culture"**
 Exit Art, New York, NY , June 18-Aug. 25, 2010
- "Night Garden"**
 Vertical Gardens Exhibit, San Francisco AIA Gallery, San Francisco, CA Feb. 21- May 3, 2010.
- "Planter Brick"**
 Vertical Gardens Exhibit, San Francisco AIA Gallery, San Francisco, CA Feb. 21- May 3, 2010
- 2009 **"Night Garden"**
 DesCours, New Orleans, LA, Dec. 8-13, 2009.
- "Out of Water: Innovative Technologies in Arid Climates"**
 Curated by Aziza Chaouni and Liat Margolis. April 4-30, 2009. The LWR Project Gallery at the University of Toronto School of Architecture. Toronto, Canada
- "Border Wall as Infrastructure"**
 National Building Museum, Washington D.C., Nov. 8-12, 2009.
- "Rising Tides"**
 Curated by the San Francisco chapter of the American Institute of Architects.. San Francisco Ferry Terminal Building. San Francisco, CA. July 14-19, 2009.
- "Vertical Gardens"**
 Exit Art. New York, NY. March 28 to May 23, 2009
- "Out of Water"**
 Traveling Exhibition, Columbus, OH,AIA New York, Boston, MA, Tel Aviv, Israel, Rabat, Morocco, 2009
- 2008 **"Go Green! Creating Sustainable Design in the Desert Southwest"**
 Featuring the Hydro House, Tucson, AZ, Mar. 8-May 8, 2008
- 2007 **"Hydro Wall"**
 Gwangju Design Biennale in South Korea, Oct.5-Dec. 7, 2007
- "Hydro Wall"**
 Top Nominated Design selected for the Index Award Exhibition, Copenhagen, Denmark, Aug.17-Sept. 24, 2007
- "Housing Genoa"**
 exhibition of student work at Salone Satellite, Milan, Italy, April 15-19, 2007
- 2006 **"Hydro Wall"**
 Greenbuild Expo, Denver, Colorado, Nov. 15-17, 2006
- "Hydro Wall"**
 Environmental Tectonics Exhibit, the AA, London, England, Nov. 8-11, 2006
- "DISH"**

ACADIA International Digital Design Conference, "Synthetic Landscapes", Louisville, Kentucky, Exhibition of October 13-19, 2006.

"Hydro Wall"

Neocon, Chicago World's Fair, June 14-16, 2006

"Hydro Wall"

ICFF in New York. May 20-24, 2006

"Hydro Wall"

Art Directors Club in New York. April 26-29, 2006

2005

PRADA MARFA

Permanent Land Art installation, Valentine, Texas. October 1, 2005

"CO-dependent Architecture"

ACADIA International Digital Design Conference, Savannah, Georgia, October 13-19, 2005

2004

"Hybrid Furniture"

International Contemporary Furniture Fair, May 14-17, 2004

"Hybrid Furniture"

AIA - ACADIA International Digital Design Conference, Toronto, Canada, Exhibition of November 11-14, 2004

2003

"Common Ground"

Architecture League of New York, exhibit for entries in First Step Housing Competition. New York, NY. November 12-December 12, 2003.

PERMANENT ACQUISITIONS AND COLLECTIONS:

2018

The Cooper Hewitt Smithsonian Design Museum
The Furry Curry Casserole Dish

2018

San Francisco Museum of Modern Art (SFMOMA), San Francisco, California
Borderwall as Architecture SnowGlobes

- Tortilla Wall
- Wally Ball Wall
- Bicycle Wall
- Xylophone Wall
- Teeter Totter Wall
- Tire Wall

Borderwall as Architecture prints:

- Teeter Totter Wall
- Xylophone Wall
- Burrito Wall
- Wally Ball Wall
- Bicycle Wall
- Softball Wall

"Border Wall" board game

3D Printed Rubber Pouf

2018

Chhatrapati Shivaji Maharaj Vastu Sangrahalaya Musuem (CSMVS), Mumbai, India
Future Relics: 3D printed vessels in clay

- Car Vessel
- Computer Vessel
- Mobile phone Vessel
- Gold Vessel
- Can Vessel
- Plastic Vessel
- Book Vessel
- Utensil Vessel
- Spectacle Vessel
- Soil Vessel

- 2016 Museum of Modern Art (MoMA), New York City, NY USA,
Borderwall as Architecture prints:
- Teeter Totter Wall
 - Xylophone Wall
 - Cactus Wall
 - Horse Racing Wall
 - Wildlife Wall
 - Solar Wall

LECTURES / PRESENTATIONS

JURIED/PEER REVIEWED

"Design Modeling Symposium Berlin"

Presenter at the 2019 Symposium, Berlin, Germany. September 23-25, 2019.

"Material Ombrés"

Presenter at the 2017 Unmentionables Symposium, Los Angeles, California. April 7-8, 2017.

"The 3D Printed Interior"

Interior Provocations, Pratt University, Brooklyn, NY, February 10, 2017

"3D Printing Wood and Glass"

Presenter at the 2014 National Interior Design Educators Council Conference, New Orleans, Louisiana. March 8-10, 2014.

"Emerging Objects"

Keynote presenter at the International Peer Reviewed Fabricate Conference. ETH, Zurich, Switzerland. February 14, 2014

"Digital Poetics"

Presenter at the 2013 Regional Interior Design Educators Council Conference, San Francisco, California. October 11-13, 2013

"Unnatural Materials"

Presented at the 2012 Association for Computer Aided Design in Architecture Conference, San Francisco, California. October 18-21, 2012

"the NEXT curtain"

Presented at the 2012 Association of Collegiate Schools of Architecture Conference, Boston, Massachusetts. March 1-4, 2012

"Developing Concrete Polymer Building Components for 3D Printing"

Presented at the 2011 Association for Computer Aided Design in Architecture Conference, Banf, Canada. October 16, 2011

"Hyperculture as Interface"

ACADIA Annual Meeting Session, The Cooper Union, New York, NY, October 1, 2010

"Patterning: digital templates for inhabitable spaces"

ACSA Annual Meeting Session Topic Chair, session. Philadelphia, PA, March 8-11, 2007

"Hydro Wall"

NEOCON: Metropolis Next Generation Presentation, Chicago, Illinois, June 13, 2006

"CO-dependent Architecture"

Sigradi: 9th Iberoamerican Congress of Digital Graphics, Lima, Peru, Nov. 21, 2005

INVITED

"Agency in 3 Acts"

ETH / The Swiss Federal Institute of Technology
Zurich, Switzerland, Sept. 26, 2019

"How To Build A Teeter Totter"

LA/Powerful Conference organized by the AIA Los Angeles
Los Angeles, California, Sept. 19, 2019

“Printing Architecture”

Dartmouth University, “3D Printing Symposium” organized by the Department of Engineering, Chemistry and Computer Science, New Hanover, NH, August 15, 2019

“Printing Architecture”

San Jose State University, “Greentalks” organized by the Department of Engineering, San Jose, CA, March 27, 2019

“Printing Architecture”

University of Illinois, Champagne, IL, February 11, 2019

“Printing Architecture”

Cornell University, Ithaca, NY, Sept 25, 2018

“Printing Architecture”

Wesleyan University, Middlebrook, CT, Sept 23, 2018

“Digital Ecologies”

California College of the Arts, San Francisco, CA, Sept 16, 2018

“Printing Architecture”

Gensler, San Jose, CA, August 29, 2018

“Emerging Objects”

Americans for the Arts Convention, Denver, CO, June 17, 2018

“Printing Architecture”

University of Miami, Oxford, OH, April 23, 2018

“Printing Architecture”

Princeton University, Princeton, NJ, March 1, 2018

“Agency in 3 Acts”

Agency 2017, The Australasian Student Architecture Congress, Sydney, AU, November 29, 2017

“Crafting the Future”

Lawrence Technical University, Detroit, MI, November 2, 2017

“Crafting the Future”

Ryerson University, Toronto, CA, October 10, 2017

“Crafting the Future”

Matter, Design, Computation Symposium, Cornell University, NY, March 11, 2017

“Data + Dust”

University of Arkansas, Fayetteville, AK, April 10, 2017

“Crafting the Future”

Mass Customization and Design Democratization International Symposium, Philadelphia, PA, May 12, 2017

“Crafting the Future”

University of Queensland, Brisbane, AU, May 30, 2017

“Full Scale Study Models”

Mississippi State University, Starkville, MS, Feb. 20, 2016

“Emerging Objects”

Ontario College of Art and Design, Toronto, CA, Nov. 6, 2015

“Full Scale Study Models”

The University of Waterloo, Waterloo, CA, Nov. 5, 2015

“The Future of Interior Design Education”

Presenter at the International Interior Design Associations Annual Meeting. Chicago, IL, June 14, 2015

“3D Printing and Edibles”

Presented at The University of Texas Austin, Austin, TX, Apr. 11, 2015

“Full Scale Study Models”

Presented as part of the Los Altos Neutra House Speaker Series, Los Altos, CA, Apr. 8, 2015

“Sustainable Product Design”

Presented at the University of California at Davis, Davis, CA, Feb. 20, 2015

“Affirmative Architecture”

Presented at the University of Queensland, Brisbane, AU, Oct. 31, 2014

“Material Provenance”

Presentation sponsored by the Telluride Art and Architecture Festival
Telluride, CO, July 17, 2014

“Transections: an interdisciplinary exploration of design between science and the humanities”

Panelist, The University of Syracuse, Syracuse, NY, April 1, 2014

“Material Provenance”

Presentation sponsored by the Architectural League of New York at the Scholastic Auditorium. New York City, NY, March 13, 2014

“Rael San Fratello – the back story”

Presented at the University of California Berkeley embARC program. Berkeley, CA. July 18, 2013

“Rael San Fratello – the back story”

Presented at the University of California Berkeley (IN)ARCH program. Berkeley, CA. July 10, 2013

“Material Provenance”

Presented at Bond University, The Gold Coast, AU. June 3, 2013

“Material Provenance”

Keynote presenter at the Australian Institute of Architects annual conference in Melbourne, AU. June 1, 2013

“Women, Equity, Architecture”

Panelist for Transform: Altering the Future of Architecture sponsored by Parlour. Melbourne, AU, May 30, 2013

“Disrupting Materials”

Presented at the University of Houston as part of the Architecture Lecture series. Houston, TX. February 26, 2013.

“Portfolio”

Presented at West Valley College. Cupertino, CA. February 22, 2013.

“Disrupting Materials”

Presented at the University of Texas, Austin as part of the Architecture Lecture series. Austin, TX. February 4, 2013.

“Traditional Adobe Case Study: Cactus Juice and All”

Marfa Architecture and Design Symposium, Marfa, TX, Nov. 2, 2012

“Portfolio Career Day”

Presented at the 2012 Portfolio Career Day for Interior Design students. San Jose, CA. April 28, 2012.

“The Work of Rael San Fratello Architects”

Presented at the 2011 Monterey Design Conference as part of the emerging talent speakers series. Monterey, CA. October 9, 2011.

“Technology and Ecology”

The University of Oregon at Eugene, February 16, 2011.

“Vertical Gardens”

San Francisco AIA Architecture, February 24, 2010.

“Brilliant Simplicity”

San Francisco AIA Architecture and the City Festival, Sept. 3, 2008.

“Hydro Wall: New Materials / Old Technologies”

University of Arizona, March 9, 2007.

“Inside / Out”

American Institute of Architects Student Organization, Clemson University, March 17, 2005.

“Inside / Out”

University of Texas at Austin, April 11, 2004.

ACADEMIC SERVICE

	Department
2018-19	SJSU Department of Design Retention, Tenure, and Promotion Committee SJSU Department of Design Curriculum Committee
2017-18	SJSU Department of Design Retention, Tenure, and Promotion Committee SJSU Department of Design Awards Committee
2016-17	SJSU Department of Design Awards Committee
2015-16	SJSU Department of Design Curriculum Committee
2014-15	SJSU Department of Design Curriculum Committee SJSU Department of Design Awards Committee
2013-14	SJSU Department of Design Curriculum Committee – Chair SJSU Department of Design Awards Committee
2012-13	SJSU Department of Design Curriculum Committee SJSU Department of Design Awards Committee
2011-12	SJSU Department of Design Faculty Search Committee - Industrial Design SJSU Department of Design Awards Committee
2010-11	SJSU Department of Design Curriculum Committee
	College
2013-14	SJSU Department of Art Faculty Search Committee - Data Visualization
2012-13	SJSU College of Humanities and Arts Research and Scholarship Committee
	University
2018-19	SJSU Campus Planning Committee NASAD University Accreditation Committee
2017-18	SJSU Campus Planning Committee
2013-14	SJSU University Untenured Faculty Organization (UFO) Vice President
2012-13	SJSU University Untenured Faculty Organization Steering Committee Member

COMMUNITY SERVICE:

2018	CommUniverCity: “Can Interactive Artwork Revive Neglected Urban Space” Northside San Jose design build project
2018	CommUniverCity: Design Proposal and fund raising with student Golandam Taki for the African American Community Service Agency (AACSA) in San Jose
2018	Design Build project for the youth of Mathson Middle School
2017	Curriculum development for the San Jose Public Library Maker Space Ship
2017	Design Build project for the youth of Mathson Middle School
2011	Design Proposal and fund raising for “Friends of Gilroy Hot Springs”

WEBSITES

RAEL SAN FRATELLO ARCHITECTS
<http://www.rael-sanfratello.com>. 2003— ongoing

EMERGING OBJECTS
<http://www.emergingobjects.com>. 2013— ongoing

PROFESSIONAL AFFILIATIONS

2016 – current	International Interior Design Association (IIDA)
2003- current	Association for Computer Aided Design in Architecture (ACADIA)

- 2012-13 Collaborations Editor, IDEC Exchange. The official newsletter for the Interior Design Educator's Council.
- 2011 Associate Editor, *d3:dialog>assemble*

PROFESSIONAL SERVICE

- 2019 International Interior Design Association (IIDA) Educator's Roundtable Participant
Scientific Review Committee for the Fabricate Conference
Scientific Review Committee for the ACADIA Conference
- 2018 Juror for the Emerging Voices Competition sponsored by the Architectural League of New York
- 2017 Juror for the Emerging Voices Competition sponsored by the Architectural League of New York
Scientific Review Committee for the Design Modelling Symposium Paris
Scientific Review Committee for Tex FAB
- 2016 International Interior Design Association (IIDA) Educator's Roundtable Participant
Scientific Review Committee for Tex FAB
- 2014 Juror for the TexFab Plasticity Design and Fabrication Competition
- 2013 Juror for the 2013 Honor Awards for Washington State Architecture
- 2006 Juror for the SGF-IR Prize at Georgia Tech