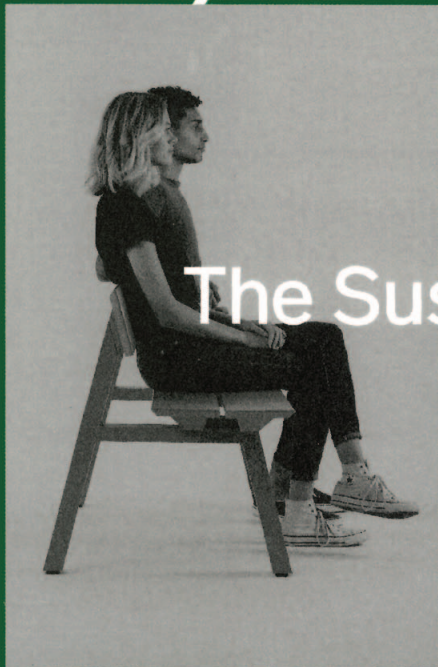
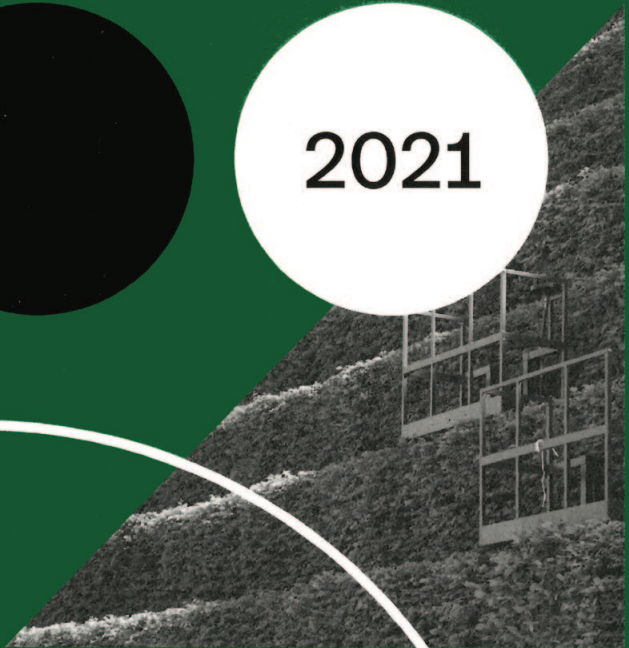


Green Good
Design®

2021



The Sustainable Revolution



Edited by
Christian Narkiewicz-Laine and Elizabeth Soufli

Metropolitan Arts Press, Ltd.



Willie and Donald Tykeson Hall at the University of Oregon 2018–2020

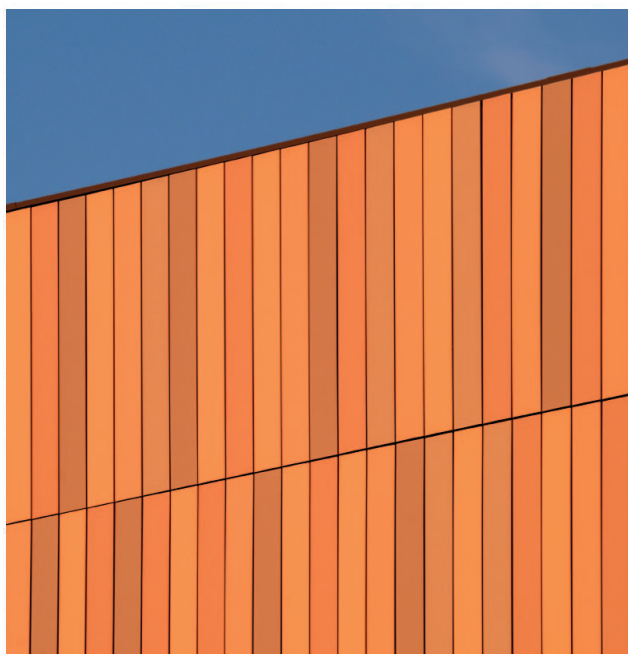
Eugene, Oregon, USA

Architects: OFFICE 52 Architecture
Architects of Record: Rowell Brokaw Architects
Client: The University of Oregon
Photographer: Sinziana Velicescu

An idea that seems obvious and too simple can be the most relevant with subtle effect and demonstrable impact. How we create and use our built environment reflects an inherent value system for a better world. As such, three factors characterize high-performance building facades: the materials, the system (fabrication and installation), and the design.

As with most communities in America, the University of Oregon features a rich environment of clay-based materials, namely brick and decorative terra cotta, dating to the early 20th century. With this material, the team combined innovation and common sense to create a high-performance facade system for Tykeson Hall, the new home and academic center for the College of Arts and Sciences.

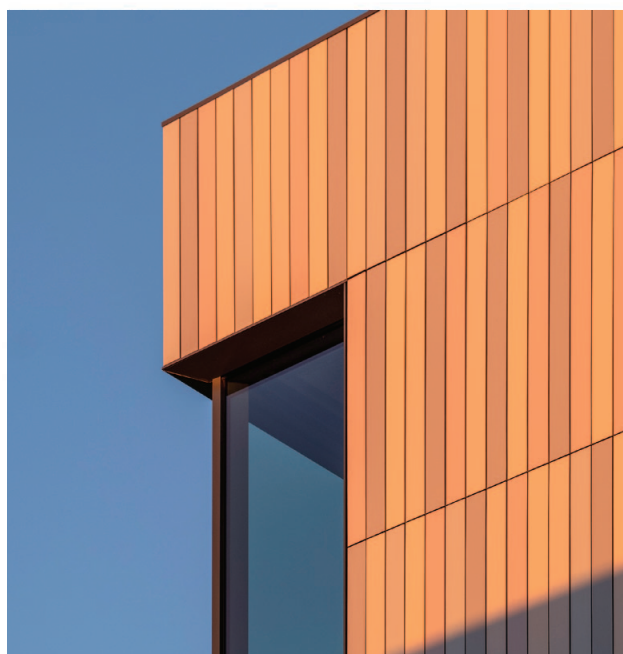
The goal was to combine art, science, and technology in a way that was relevant to the college's progressive interdisciplinary educational philosophy and create a unique yet contextualized outward expression that embodied their culture of ingenuity while evoking beautiful aspects of the region that reinforce a sense of community with an environmentally conscious mission.



This is the first campus building to include terra cotta in eighty years, melding modern cladding technology with a glazed color field of regional landscape tones. The engineered terra cotta system the company transformed is a relatively lightweight facade rain screen composed of extruded clay panels and clips for today's tolerances required of high-performance buildings.

The team designed six-inch-wide, vertically-oriented panels with two primary lengths for ease of construction, affordability, and aesthetics and adjusted the aluminum fasteners for flexibility and regional seismic requirements. The creative process for clay panel finishing began by looking at the perception of light and color in numerous large installations like Claude Monet's *Water Lilies* at the Musée de l'Orangerie as well as similar ethereal landscapes found in the Pacific Northwest.

The team completed a series of Oregon landscape oil paintings and translated this perceptual experience by using



these as a basis for terra cotta glaze options and the creation of an abstract color field accentuated by the simplified geometry.

With an algorithmic numerical system, they ensured no one color repeated next to itself within the customized 3,100 tile panel system and provided an easy-to-use road-map for local installers.

By choosing a single neutral-beige clay and using five custom color glazes instead of more costly individual through-body molds, and a matte finish to accentuate natural light variations, the team achieved desired aesthetics within a tight project budget.

All components arrived on-site with ascribed numbers ready to install. The facade alters' appearance depends on season and solar position, with fields of subtle color attracting the light in their own way and lending the architecture a corresponding dynamic with transformative effect.

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PHOTOGRAPHY C. COLUMBRES

OFFICE 52 Architecture

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The Willie and Don Tykeson Hall has won the 2021 Green Good Design Award as awarded by The European Centre for Architecture Art Design and Urban Studies and The Chicago Athenaeum: Museum of Architecture and Design

Portland, Oregon - April 28, 2021 - The Willie and Don Tykeson Hall has won the 2021 Green Good Design Award in the category "Green Architecture," as awarded by The Chicago Athenaeum: Museum of Architecture and Design and The European Centre for Architecture Art Design and Urban Studies. This award bestows international recognition to outstanding projects and showcases the world's most contemporary examples of sustainable design with exceptional thinking and artistic creativity for interesting solutions and a more sustainable future.

On May 14, 2021, the European Centre and The Chicago Athenaeum will host a special exhibition at The European Centre's Museum (Contemporary Space Athens, 74 Mitropoleos Street, Athens, Greece) with the 2021 Green Good Design Award winners and continuing through June 15. The Green GOOD DESIGN winners will also be featured in an upcoming book entitled Green GOOD DESIGN 2021, which is published by Metropolitan Arts Press Ltd.

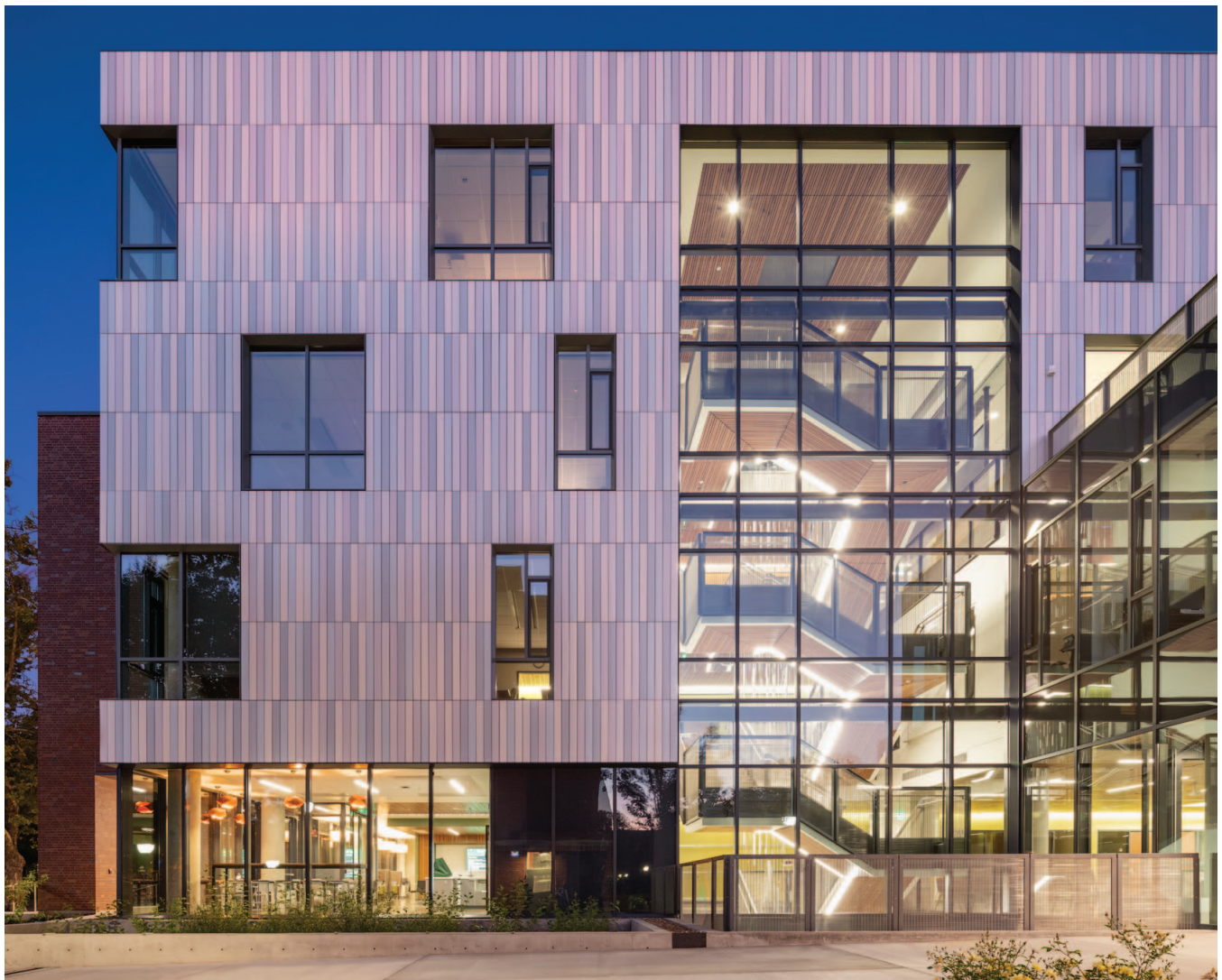
"For those of us who get to experience Tykeson Hall as our work environment, I continue to feel privileged to work in such a beautiful building. I am awed at how a very forward-looking building design feels so connected to the place and who we are." -Dr. Bruce Blonigen, Dean of the College of Arts and Sciences, The University of Oregon.

OFFICE 52 Architecture and our project team combined innovation and common sense for a high-performance, sustainable design for Tykeson Hall, new home and academic center for the College of Arts and Sciences, Office for Equity and Inclusion, University Career Center, and Academic and Career Advising at the University of Oregon.

Sustainability is integral to Tykeson Hall's design with both high- and low-tech solutions. Built upon a former surface parking lot, the building achieved LEED Gold certification and met the Architecture 2030 Challenge energy goals with a total energy reduction of 77% and estimated use of 34% less energy than if built to the standard Oregon Energy Code. The building elevates the user experience with a warm and welcoming environment that includes [reclaimed wood](#) and beautifully apportioned spaces. A sense of transparency prevails, featuring views and natural light with visual site lines amplifying the architecture, with an innovative program and unique spatial arrangements.

Accentuating the interior of each of the five floors is a geographic color palette OFFICE 52 designed to evoke an Oregon region: Coast (garden level), Oak prairie of the Willamette Valley (first floor), Douglas-fir forest (second floor), High desert (third floor), and Mountain alpine peak (fourth floor). The building's facade displays a varying play of light and color that occurs throughout the day due to the changing character of the sky and interaction with custom [architectural terra cotta](#). For information about the Tykeson Hall project, please visit [here](#). The Tykeson Hall design focuses on equitable access and pedestrian connectivity and includes the Ellipse, an outdoor classroom and community gathering space complete in 2021. For more about the Ellipse, visit [here](#).

OFFICE 52 Architecture is committed to sustainability in their practice, which aligns with the University of Oregon's ongoing focus on environmental stewardship and the goals of the Paris Agreement international treaty on climate change to limit global warming and achieve a climate neutral world. How we create and use our built environment reflects an inherent value system for a better world.



PHOTOGRAPHY SINZIANA VELICESCU

ABOUT OFFICE 52 ARCHITECTURE

OFFICE 52 Architecture is a Portland-based design studio and architecture firm formed by Michelle LaFoe and Isaac Campbell, who guide the conceptual evolution of the work with a commitment to projects of all scales. The firm is noted for the strength of their ideas and ecologically intelligent applications. Believing architecture, art and technology are interrelated, they bring creative energy and interdisciplinary collaboration to each project with transformational effect. The result combines high- and low-tech solutions with the richness of craft and practical yet poetic material applications. Major projects include the competition-winning design for Sherman and Joyce Bowie Scott Hall, the new Nano-Bio-Energy Technologies Building for the College of Engineering at Carnegie Mellon University, featured in a new publication, [Form and Dichroic Light](#). OFFICE 52 Architecture has received national and international recognition, including an award triptych for Scott Hall from the Chicago Athenaeum: Museum of Architecture and Design and The European Centre for Architecture Art Design and Urban Studies: the 2019 International Architecture Award, 2019 American Architecture Award, and 2020 Green Good Design Award. Tykeson Hall was recently featured in [Global Design News](#). For more information, please visit [here](#).

ABOUT THE 2021 GREEN GOOD DESIGN AWARD

Founded in Chicago in 1950 by Eero Saarinen and Charles and Ray Eames, GOOD DESIGN is the most established worldwide awards program recognizing global design excellence and innovative, visionary projects and products. The Chicago Athenaeum: Museum of Architecture and Design and The European Centre for Architecture Art Design and Urban Studies continues GREEN GOOD DESIGN to focus on important new international products, buildings, and planning projects that are leading the global way to designs compatible with the highest standards of a sustainable environment. For 2021 a jury selected designs from 28 nations including Austria, Australia, Belgium, Canada, China, Costa Rica, Denmark, Finland, France, Hungary, Germany, Greece, Hong Kong, India, Indonesia, Ireland, Italy, México, Poland, Portugal, Spain, Switzerland, Taiwan, The Netherlands, Turkey, United Arab Emirates, United Kingdom, and the United States. For more information, please visit [here](#).

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PHOTOGRAPHY CHRISTIAN COLUMBES