

Contributors



Ramona Albert & Christopher Johnson of ALBERTJOHNSON.

ALBERTJOHNSON is a multidisciplinary studio with focus on architecture, product design and building enclosure systems. Inspiration for their work and research is drawn from wide-ranging sources such as advanced mathematics, botany, and paleontology. The work itself is manifested via the use of cutting edge design and manufacturing techniques coupled with an insightful reference to craft and analog methods. As designers and theorists, they follow a humanist approach in the creation of spaces and objects. Their passion for nature and designing a sustainable future for humankind within it developed as a result of having been raised with this notion at hand; for Christopher this was in southwest Missouri and for Ramona in Transylvania, Romania. Completing their studies at Harvard and Columbia respectively, Ramona and Christopher maintain their ties to academia through teaching and lecturing.

Frank Barkow studied architecture at Montana State University and the Harvard GSD. Recently, he taught at the EPFL in Lausanne, Harvard GSD, and University of Wisconsin in conjunction with his firm winning the Marcus Prize for Architecture. In 1993 Frank Barkow and Regine Leibinger founded their practice in Berlin. Recent projects include a gatehouse and factory-campus event space in Stuttgart Germany and the TRUTEK Office Building in Seoul. Current projects in Berlin include a new master

plan for Bayer Schering Pharma and a high rise near the main train station for Vivico Developments.

Bradley Cantrell is part of a group of professors dedicated to advancing the science and art of landscape design through computing and data visualization. He actively fosters interdisciplinary research projects and is the Director of the Terrain Kinetics (TiKi) Lab, an interdisciplinary facility for the exploration of landscape visualization and interactive spaces. His own research and teaching focuses on using digital film and techniques to represent landscapeform and phenomenology. While at the Harvard Graduate School of Design, his research aimed to strengthen designers' analysis and understanding of landscape and the everyday use of space. In addition to teaching at LSU, Bradley teaches new approaches to landscape visualization to design firms throughout the U.S. He lectures at universities and conferences and is currently principal of Visual Logic Inc, a studio dedicated to landscape visualization, new media, and interactive space.

Before founding anOther Architect **Daniel Dendra** worked at various offices in London, Moscow, Düsseldorf and Rotterdam including A.M.O. (Rem Koolhaas) and Zaha Hadid Architects. Where Daniel was involved in projects of all scales, from regional planning, master planning, large scale tower projects in Spain, Dubai and Australia, architectural design to exhibition design and small scale



installations. In 2007 he established the multidisciplinary architecture bureau anOtherArchitect in Berlin and Moscow. He was nominated for the International Chernikhov Architecture Prize in 2008, curated by Diller and Scofideo. The work of Daniel Dendra was recently exhibited at the Royal Academy Summer Show 2008 in London and the International Model Festival in Budapest in 2008. Daniel Dendra was appointed Guest Professor at the DIA (Dessau Institute of Architecture at the Bauhaus Dessau) in 2007, where he is leading studios experimenting with tectonics generated by algorithmic functions.

Professor Alan Dunlop FRSA, is one of the UK's leading architects and a respected educator. He has taught at schools of Architecture in USA, UK and in Germany while also lecturing internationally. Alan is a Fellow of the Royal Incorporation of Architects in Scotland and the Royal Society of Arts. In practise he has completed many award winning projects and has won over fifty national and international awards, including Europa Nostra, Royal Institute of British Architects Awards, and many more. A gifted draughtsman and artist, his drawings have been exhibited at the Royal Academy in London and, since 1996, at the Royal Scottish Academy. In 2008, he was awarded the Royal Gold Medal in Architecture from the Royal Scottish Academy. His work has been exhibited at the Royal Institute of British Architects, the Royal Scottish Academy, the Royal Incorporation of Architects in Scot-



land, and The Lighthouse in Glasgow, in Europe and at the Venice Biennale. He regards the education of young architects as both an obligation and a privilege and brings enthusiasm, ambition and authentic commitment to the task.

Ryan Gedney is a design professional at 360 Architecture in Kansas City and a 1999 graduate of Kansas State University's architecture program. Ryan's career has focused primarily on sports venue design, and his portfolio includes stadiums, arenas and ballparks at the professional, collegiate and municipal levels. In addition to his work in the Middle East, Ryan helped conceive the award winning designs of the New Meadowlands Stadium, Sprint Center and Stockton Arenas. His diverse experience gives him a unique and broad perspective relating to the equally varying methods of design delivery and collaboration. Ryan embraces an adaptive, forward-thinking philosophy toward the process and tools of design. Skilled in a wide range of design methods, he identifies emerging design opportunities within evolving technologies, and helps 360 Architecture examine and refine its collective design process.





Nathan Howe is a graduate of Kansas State University and holds a Masters of Architecture from the University of Texas at Austin, where he studied under Michael Benedikt. Nathan is currently teaching at Kansas State University after stints of teaching at the University of Nebraska and assisting in design studios at the University of Texas. Nathan's research interests examine how emergent technologies and techniques of digital fabrication can transform the architecture design process, both in academia and practice, from its conception in algorithmic form-making through to the fabricating device which manufactures the idea. Nathan's current home is as much a shop as a home, as a CNC router claims a room just off the main living space, and provides him a personal lab from which to create.

Lisa Iwamoto received her Master of Architecture degree with Distinction from Harvard University, and a Bachelor of Science degree in Structural Engineering from the University of Colorado. She has worked as a Structural Engineer at Bechtel Corporation, and Architectural Designer at Schwartz Silver Architects, Thompson and Rose, and Architectural Intern at Morphosis. She has taught previously at the University of Michigan where she was a Muschenheim Fellow, and at Harvard University. She is currently an Assistant Professor at University of California Berkeley where her design research concentrates on the perceptual performance of material and digital fabrication techniques.



Magnus Larsson inspired 2009 TED talk set in motion a worldwide trend of speculative projects investigating architecture on the bacterial scale. But that lecture, now translated into more than 20 languages, barely scratches the surface of the rich production coming out of this Swedish-born, London-based designer's studio, 6699. The work of his multidisciplinary and multinational design enterprise ranges from imaginative business cards to visionary skyscrapers. Made from wood. Or artificial spider silk. Or nothing but loadbearing bricks. On this planet or elsewhere in the universe. The most famous of these projects is Dune, an anti-desertification scheme. Larsson envisaged a 6,000km long habitable wall made from bacterial sandstone using a novel process that BLDG-BLOG's Geoff Manaugh has called "a kind of infection of the earth". For Oz, he discusses how augmentation inspires his ongoing mission to try and push architecture into the realm of synthetic biology and biotechnology.

Nathan Miller is an associate and designer at NBBJ. As a design professional, Nathan is interested in creating computational design systems for enabling performance-driven architectural solutions. Over the past four years, Nathan has been leading NBBJ in the development and implementation of advanced digital tools for engaging complex problems of geometry, program, and user experience. Nathan has lectured on the topic of design computation



and parametric technology at the ACADIA conference and the USC BIM symposium. Nathan also instructs digital design seminars at the University of Southern California. Nathan holds a Master of Architecture degree from the University of Nebraska-Lincoln. Nathan's portfolio includes work which has been recognized by the AIA and has been published in Architecture Record, Interior Design Magazine, A+U, Plus Magazine, ArcCA, and PanStadia.

Monica Ponce de Leon was named Dean of A. Alfred Taubman College of Architecture and Urban Planning in September 2008. She is also the Eliel Saarinen Collegiate Professor of Architecture and Urban Planning. Dean Ponce de Leon received a Bachelor of Architecture degree in 1989 from the University of Miami and a Master of Architecture in Urban Design degree from the Harvard Graduate School of Design in 1991. In 1991, she co-founded Office dA, an internationally known design practice. She has received honors from the Architectural League of New York (Young Architects Award, 1997, and Emerging Voices, 2003) the American Academy of Arts and Letters (Award in Architecture, 2002), the Smithsonian Institution's Cooper-Hewitt National Design Museum (National Design Award in Architecture, 2007), and the United States Artists (Target Fellows in Architecture and Design).



Patrik Schumacher is partner at Zaha Hadid Architects and founding director at the AA Design Research Lab. Schumacher studied philosophy and architecture in Bonn, London and Stuttgart, where he received his Diploma in architecture in 1990. In 1999 he completed his PHD at the Institute for Cultural Science, Klagenfurt University. He joined Zaha Hadid in 1988. In 1996 he founded the "Design Research Laboratory" with Brett Steele, at the Architectural Association School of Architecture in London, and continues to serve as one of its co-directors. Since 2004, Patrik Schumacher has been tenured Professor at the Institute for Experimental Architecture, Innsbruck University. Currently, he is a guest professor at the University of Applied Arts in Vienna. Schumacher's contribution to the discourse of contemporary architecture is also evident in his published works and interviews which can be viewed at www.patrikschumacher.com.



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