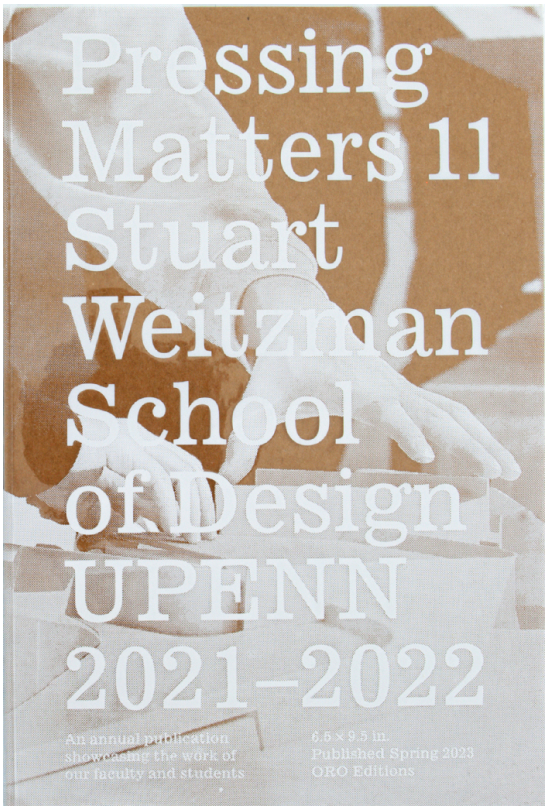
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Pressing Matters 11

UPENN Weitzman School of Architecture

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- Innovative educational concepts with an emphasis on Open Source sharing, integral teaching methods, advanced robotic manufacturing, and greater diversity and equity in design-research to better prepare students for the challenges ahead

Number 11 in the series, this book takes a look back at the academic year 2021-2022 in the Architecture Department of the Stuart Weitzman School of Design. Summer term welcomes incoming students who do not have a background or degree in architecture and brings them up to speed with Digital Workshops, where they acquire digital design skill sets that are integral to a contemporary approach to design as they enter their first year in graduate school. From there, they will learn how to produce analog materials, such as drawings and models, and then take a summer studio where they will study a site and begin to design a building for that site.

This book showcases the three levels of our MArch Program – 500, 600, & 700 – of select students' work in each of the faculty's studio sections in both fall and spring. Included are descriptions of the various courses and electives on offer. Also highlighted are various events, such as lectures, book launches, and conferences which took place over the two semesters.

There are multiple distinct programs in which students can earn a post-professional degree. The MSD-AAD (Advanced Architectural Design), MSD-EBD (Environmental Building Design), MSD-RAS (Robotics and Autonomous Systems), PhD, and IPD (Integrated Product Design) all have examples of students' work and original designs.

Part of an important research university, the University of Pennsylvania's Weitzman School of Design, as one of the top ten Graduate Architecture Departments in the USA, prepares students to address complex sociocultural and environmental issues through thoughtful inquiry, creative expression, and innovation. The Department of Architecture operates at the forefront of research and design by focusing on new design methodologies and future manufacturing through the interlinked intelligence of digital design, computational analyses, and robotics.

Winka Dubbeldam, MArch MS-AAD, is a seasoned academic and design leader, serving in her 8th year as Chair and Miller Professor of Architecture at the University of Pennsylvania Weitzman School of Design, where she has gathered an international network of innovative research and design professionals. She is currently the Creative director for the Venice Architecture Biennale's virtual Italian pavilion, and also serves as the External Examiner at the Bartlett School of Architecture in London (2019-present) and juror in several international competitions. Professor Dubbeldam was named one of the DesignIntelligence 30 Most Admired Educators [2015]. As the founder/principal of the WBE certified New York firm Archi-Tectonics, Dubbeldam is widely known for her award-winning work, recognised as much for its use of hybrid sustainable materials and smart building systems as for its elegance and innovative structures.

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