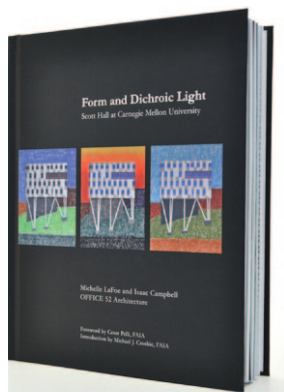


Design Innovation

Winning a competition with new ideas -
Form and Dichroic Light: Scott Hall at
Carnegie Mellon University.

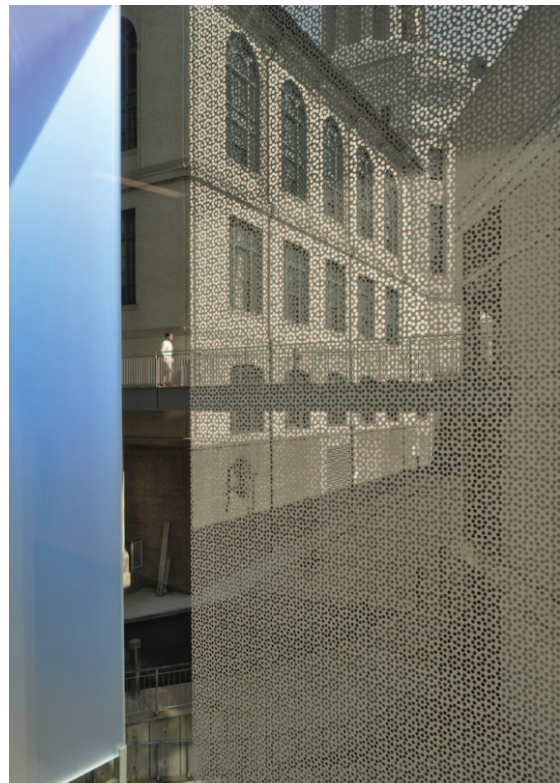
By Michelle LaFoe (SAIC '92) and Isaac Campbell
(Leete's Island Books, 2018)



Form and Dichroic Light offers so much methodology and insight from the innovative volumetric arrangement of form to the interactivity of the materials. Scott Hall is a masterful project and the book an amazing read. I am looking forward to sharing it with my thesis students

who are interested in designing buildings. This is the first use of dichroic glass on the exterior of a building that I have seen.

In their new book, LaFoe and Campbell, co-founders of OFFICE 52 Architecture, unfold the conscientious and creative response of architectural



research as a meticulous yet open ended process. They share their studio work to show design as it responds intimately to site constraints through creative iterative solutions and then reveal detail conceptual material strategies for expressing the marvels of nano-bio-energy in a new technology center for Carnegie Mellon University. In addition to the skillful separation of programmatic areas into non-obtrusive yet activated edges of the site, the plan offers spacious color and texture-filled gathering and circulation areas in large airy volumes that invite but do not dominate the historical views. Upon approach, the ceramic frit patterns shift in scale while the dichroic glass beautifully changes color as the sun moves throughout the day, both features contributing the energy-efficiency of the curtain wall and overall sustainability of the building - a true combination of art, architecture, science and innovation.

The mind of the architect is revealed in clearly explained scales of practices from nano to macro and ideation to constructed detail. Form and Dichroic Light is an informative and wonderful read about the adventures and challenges inherent in the practice of architecture for the architect, architectural client, and architect enthusiast.

--LINDA NELSON KEANE, SCHOOL OF THE ART INSTITUTE OF CHICAGO

PHOTOGRAPHY LEFT COLUMN BY ISAAC CAMPBELL; RIGHT BY JEREMY BITTERMANN.