

Cost

Total Project: \$72,000,000
Construction: \$51,300,000
MEPT Const: \$13,000,000

Owner

University of Iowa
Charles F. Saxton, PE
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User

University of Iowa
Steve McGuire
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Team

Principal in Charge
Amy Infelt, PE, LEED AP
Project Manager
Amy Infelt, PE, LEED AP
Mechanical Engineer
Justin Opperman, PE, LEED AP
Electrical Engineer
Eric B. Bruxvoort, PE
Design Architect
Steven Holl Architects
New York, New York
Chris McVoy, Senior Partner
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Associate Architect
BNIM
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Awards

2017 ENR Awards
Higher Ed Best Project
2016 Interior Design
Best of the Year: Education
2016 Architect's Newspaper
Building of the Year: Midwest
2017 AIANY Honor Award
2017 Chicago Athenaeum
American Architecture Prize



Project History

This new 126,000 square foot home for the University of Iowa School of Art replaces the existing studio arts facility lost to a flood in 2008. The building provides studio arts space, including sculpture, metals and jewelry, ceramics, printmaking painting and drawing, intermedia and 3D design studios, gallery, classroom, auditorium, seminar, and administrative spaces.

Design Engineers collaborated closely with the architects at Steven Holl and BNIM and the engineers at TransSolar to integrate the mechanical and electrical systems into the design concept. The integrated design process included specialty design consultants from:

Sustainable and Climate Engineers:

TransSolar, Stuttgart, Germany and New York, NY

National Structural Engineer:

Buro Happold, Los Angeles, CA,

Local Structural Engineer:

Structural Engineering Associates, Kansas City, MO

Lighting Designer:

L'Observatoire International, New York, NY

Code Consultant & CFD Modeling:

FP&C Consulting, Kansas City, MO

Audio Visual: The Sextant Group, Omaha, NE

Acoustical: The Sextant Group, Falls Church, VA

Commissioning: SSRcx, Lisle, IL

The installation of the activated-slab heating and cooling system in the bubble-deck structural slab required especially close coordination. The project also featured very high goals for energy efficiency. *Overall, the building is projected to use 60% less energy than a code compliant building.*