# **SPONSOR LETTER**

# for LAURA A. CRUICKSHANK, AIA

Nominee for

# **American Institute of Architects College of Fellows**

"...to elevate those architects who have made a significant contribution to architecture and society and who have achieved a standard of excellence in the profession..."

### Bruce T. Bockstael FAIA Emeritus 255 Crest Street Wethersfield, Connecticut 06109

October 13, 2014

Mr. John Castellana. FAIA Chair, 2015 Jury of Fellows The American Institute of Architects 1735 New York Avenue NW Washington D.C. 20006-5292

Ro.

Laura A. Cruickshank AIA Fellowship Candidacy

Dear Mr. Castellana & Members of the Jury:

It is my honor to act as sponsor for Laura A. Cruickshank's candidacy for Fellowship in the American Institute of Architects. I first met Laura over 20 years ago when she had her private practice. Her firm was well qualified to undertake an important facility for the State of CT. Her work at that time was exemplary, and her ensuing work within the University structures has maintained that high level of professionalism. Her talent and commitment to excellence continues with her present day work.

While at Yale University Laura's work was an outstanding example of how an architect can provide valuable leadership to major institutions. I took advantage with the work she was undertaking at that institution as an opportunity to take my interns on an annual field trip so they could better understand the commitment to excellence that an institution can and should maintain. Laura left that University to undertake a real challenge with our major State institution, the University of Connecticut. This University needed real leadership in the planning and demand on quality of its infrastructure. The new president understood that this leadership was needed and selected Laura to take the University to greater levels of influence in the academic world.

You will be able to better understand the work that she has undertaken on behalf of both institutions with the examples she has included within this application. The feature of the issue is her focus on good planning thereby creating an infrastructure in which further excellent work may be developed. Her commitment to design quality certainly can be identified easily by the examples of some of the selected projects she has included. Her commitment to sustainable work as well as maintaining of excellent buildings by restoration and innovation within their structures to not only maintain the heritage of the buildings themselves but also to include updated utilities to meeting current and future educational demands. The foreseeing of this need and the maintaining of the value of the design is achieved by her careful attention to the selection and programming of the structures.

Good design and construction within an educational institution are not tasks easily accomplished. Laura's ability to select appropriate architects is not the only value she brings to her job. Her leadership and administrative work skills are of the highest caliber. The University of Connecticut is in good hands.

In summary Laura is an outstanding leader and is a worthy candidate to join us in Fellowship within AIA.

Sincerely,

Bruce T. Bockstael FAIA Emeritus State Architect (Connecticut) Retired

### **SUMMARY**

**Nominee** 

LAURA A. CRUICKSHANK, AIA

**Summary Statement** 

While directing planning at three universities, Laura Cruickshank has raised the level of awareness of its importance, and through her leadership has created the environment for architectural excellence and preservation and maintenance of important structures.

**Summary of Achievements** 

Laura Cruickshank has led the organizing, planning and creation of an atmosphere for excellence at two institutions for higher learning, Yale University and the University of Connecticut and contributed significantly at a third, Yale-National University of Singapore College. In her years of service to these institutions, Laura has raised the level of awareness of the importance of planning the future development of the campuses, architectural excellence and the need for continued preservation and maintenance of iconic and important structures.

Campus Planning

Laura is UConn's Master Planner and Chief Architect and directs planning, design and construction at the University of Connecticut's main campus in Storrs, 5 regional campuses and the Law School. Since arriving in February 2013, Laura has reorganized her department of 30 staff, initiated a Master Plan and led the planning for the Next Generation Connecticut \$2 Billion capital improvement program.

"...to insure the advancement of the living standards of people through their improved environment, via public service or work in government or industry organizations..."

As the University Planner, Laura led Yale planning for the new Yale-NUS College in Singapore. She represented Yale in the planning and design of the new liberal arts college and advised the Yale President and trustees. Laura collaborated with an international team of architects and partnered with the new College's administration. Her work at Yale included master planning, programming and architectural oversight of the design of new facilities and the restoration of historic buildings.

Architectural Excellence

Laura's role as chief architect at the institutions required her to undertake the selection of architectural teams for the projects. As both institutions have gained national and international reputations, she was able to select from the very best of firms. Laura's role included the review of the designs to assure the administrations that the work was competent and in compliance with institutional standards.

Preservation and Maintenance

Laura has promoted thorough research on preservation projects and crafted standards for interventions. She has communicated consistently her expectations that consultant professionals produce their best designs and that the building industry use the highest quality materials and systems for long life cycle delivery. Laura has emphasized the maintenance and renovation of existing structures to meet current educational needs and technology to support cutting edge programs.

# **ACCOMPLISHMENTS**

# 2.1 Significant Work

University of Connecticut Master Planner and Chief Architect (2013 – Present) Laura Cruickshank is responsible for leading University of Connecticut planning, design and construction for the University's capital projects (\$205 million annual budget in FY15) on the Storrs central campus (3,800+ acres, 10+ million sq ft), the 5 Regionals and the Law School. UConn was founded in 1881 and is a Land Grant and Sea Grant college with 14 Schools and Colleges and 22,600 undergraduate students and 7,900 graduate and professional students. Laura directs Planning, Architectural and Engineering Services with 30 staff and advises the President, Provost and Executive Vice President and the members of the Board of Trustees on the planning, development and implementation of the overall capital vision.

Yale University University Planner (2005 – 2013) Laura Cruickshank was responsible for leading Yale planning and design for international initiatives and directing campus planning and the architectural design of capital projects (\$650 million annual budget in 2008) on the Yale University central campus (578 acres, 16.2 million sq ft). Laura advised the Officers and the members of the Yale Corporation (trustees) on the attainment of the overall vision and served on special assignments for the University President.

Yale Planner/Program Manager (2002 – 2005)

Responsible for leading complex new and comprehensive renovation projects for the University

**Nelson Edward Cruickshank, Branford CT** Principal (1996 – 2002) Founding partner in a woman owned general practice architecture firm

Noyes Vogt Architects, Guilford CT Associate (1988 – 1996) Associate and project manager in a general practice architecture firm

Background

In 20+ years of private practice prior to joining Yale, Laura Cruickshank managed a wide variety of award-winning architectural projects including municipal, institutional, and residential. She was a founding partner in the firm of Nelson Edwards Cruickshank in Branford, Connecticut. Laura received her Bachelor of Arts degree in Urban Studies from Mount Holyoke College in 1975 and her Master of Architecture degree from the University of New Mexico School of Architecture and Planning in 1980. She holds architectural registration in Connecticut and is a member of the American Institute of Architects (AIA) and the Society for College and University Planning (SCUP). She is an associate fellow of Yale's Trumbull College and has served on private boards and public commissions.

### **ACCOMPLISHMENTS**

### Campus Planning

A well designed campus, with significant buildings that enable teaching and research, brings faculty and student scholars to the university and enhances the quality of the education process. To be a nationally and internationally recognized institution in all endeavors is important to all research universities, and the enhancement of this recognition with an aesthetically pleasing and well functioning campus and structures plays an important role. Wherever Laura is located this theme is a recognized ingredient in her performance and ability to bring change.

During Laura's tenure as University Planner, Yale underwent unprecedented expansion and renovation including 20 major new buildings and 14 comprehensive renovations of major buildings. The University of Connecticut benefits from her Yale planning experience and design knowledge applied now to the various campuses that UConn has within its portfolio. Laura began at UConn just as the Next Generation Connecticut (NextGenCT) initiative was being formulated and immediately took charge of the capital program.

- UConn Next Generation Connecticut, \$1.54 billion + \$500 million capital program Laura Cruickshank formulated the NextGenCT capital program for \$1.54 billion plus \$500 million reallocated UConn funds, to align funding schedule with cash flow disbursement, according to Connecticut Statute. Laura created and led the process for identifying the new construction, renovation and infrastructure projects to be included in the program; initiated a master plan; and identified, programmed and selected sites for the projects that would precede completion of the master plan.
- UConn Master Plan see Exhibits
- Yale NUS College master plan see Exhibits
- Yale West Campus Master Plan

Acquisition of the Yale West Campus, 136 acres and 1.6 million gross square feet, solved an urgent need for space on Yale's downtown New Haven campus. Laura Cruickshank participated in the early campus inspections, due diligence pre-purchase and led master planning after acquisition.

Yale capital budget and physical plan for new Residential Colleges 13 & 14

Laura Cruickshank led the capital budget planning for the new Yale residential colleges.

Using benchmark cost data for different academic space typologies and metrics for space programs, Laura formulated the \$450+ million budgets for the 2 colleges (520,000 gsf) and more than 15 enabling and ancillary projects, and presented the information for approval to the administration, trustees and donors.



• Yale Supplement to the Yale Framework Plan
In 2008/2009, Laura Cruickshank led consultants Cooper Robertson, the authors of Yale's 2000
Framework Plan, in an evaluation of the university's compliance with the Plan while implementing
dozens of projects in the preceding decade. The Plan's principles were confirmed, updated or
eliminated, and several new principles and sections were added including a section on sustainability (a term rarely used in the year 2000). The conclusion was that Yale planning and design
was consistent with the Framework Plan and the Supplement was approved by the trustees and
administration.

### Architectural Excellence

As UConn's Master Planner and Chief Architect, Laura reviews all the design projects underway and makes sure that any presentation has had her initial review prior to the release of the design to either the user groups or for public consumption. Laura's work at Yale became a who's who of architectural excellence, firms throughout the world applied for projects to be undertaken at the University. The work done under her time at Yale not only produced design excellence but brought the university into leadership in sustainable design: two recent projects were awarded LEED platinum, the Sculpture building for the School of Art and the well-known Kroon Hall for the School of Forestry and Environmental Studies.

While at Yale, Laura reorganized and led a monthly Design Advisory Committee (DAC) meeting, a design review of all new and comprehensive renovation capital projects. The Committee members were Robert A.M. Stern, Thomas Beeby and Cesar Pelli, the sitting and two former Deans of the Yale School of Architecture, who along with Laura served as advisors to the President. The President and many of the Yale officers attended the DAC meetings to review presentations by world class architects at significant project design milestones, ensuring architectural excellence consistent with Yale's Framework Plan.

It is Laura's intention to introduce a similar design review process at UConn to foster design excellence on the campuses.

- UConn Innovation Partnership Building see Exhibits
- UConn Engineering and Science Building
  As part of the Next Gen CT Science Technology Engineering Math (STEM) initiative, there was
  a desire to add floors for Life Sciences to the Engineering building. Laura assumed responsibility
  for direction of the project, designed by Mitchell Giurgola, early in schematic design and
  negotiated with the Provost to restrict the addition to 2 floors to avoid overwhelming the quad.





### STEM Residence Hall

The NextGenCT initiative will add up to 5000 undergraduates to the UConn campus requiring new residence halls. The first will be a STEM living and learning community with 200,000 gross square feet, 725 beds, lounges, classrooms, innovation lab and faculty offices. In order to open by Fall 2016, Laura selected a site prior to completion of the Master Plan and a Design-Build delivery method and in order to ensure excellent design, required bridging architect (Newman and Partners) to complete 50% design development drawings before public bidding to design-build teams. The result is a beautiful residence hall that will start construction in Fall 2014.

- Yale School of Management see Exhibits
- Yale Kroon Hall see Exhibits
- Yale Sculpture Building see Exhibits
- Yale University Art Gallery

### **Preservation and Maintenance**

One of the constant challenges Yale faced was the maintenance of the existing historically significant structures on campus. The maintenance of these buildings is not only significant to the history of the University but to the functionality of cherished and well used buildings on campus. The challenge is to find the funds, the suitable academic program, and the right time to undertake these projects so as not to interrupt the educational process. This effort requires planning that usually involves the moves of multiple academic programs and well-conceived documents that clearly inform the importance, phases and process to the architects and contractors who wish to undertake the work.

- Yale Paul Rudolph Hall see Exhibits

### • Yale Ingalls Rink

David S. Ingalls Rink, the iconic hockey rink designed by Eero Saarinen, opened for its first game in 1959 and re-opened after its restoration 50 years later in 2009. Working with Athletics, Yale Development and architect Kevin Roche of KRJD, Laura Cruickshank led the planning and design for the restoration and the adjacent underground addition. Laura facilitated a code modification to permit the use of an accessible lift, rather than install an elevator with an override that would penetrate the elegant Saarinen roof.



• Yale 12 Residential Colleges - comprehensive renovations of 12 colleges, 7 of which were completed while Laura was University Planner:



Davenport College - KieranTimberlake, 2005
Trumbull College - Goody Clancy Architects, 2006 - see Exhibits
Silliman College - KieranTimberlake, 2007
Jonathan Edwards College - Newman and Partners, 2008
Calhoun College - Newman and Partners, 2009
Samuel Morse College - KieranTimberlake, 2010
Ezra Stiles College - Kieran Timberlake, 2011

Morse and Stiles together comprise 285,000 square feet (260,000 renovated; 25,000 additional), 500-bed residential space, dining halls, libraries, lounges, fitness and dance rooms, art and music studios, theater, outdoor gathering spaces.

AIA Institute Honor Award for Architecture, AIA Committee on Architecture for Education, Educational Facility Design Awards Award of Merit, AIA Pennsylvania Honor Award, AIA Philadelphia Gold Medal, Chicago Athenaeum International Architecture Award



• Yale Stoeckel Hall - Charney Architects, 2009

A complete renovation, a full exterior restoration and a new addition was designed for Stoeckel Hall. U.S. Green Building Council LEED Certification: Gold Rating CT Green Building Council: 2010 "Most Intriguing Institutional" Building Award



Yale Institution for Social and Policy Studies - Charney Architects, 2009
 This phased project renovated and added a new wing to the three historic buildings which house ISPS.

AIA Connecticut 2009 Design Award: Built Award

### Leadership and Service

As the University Master Planner and Chief Architect, Laura is a close advisor to the president of the University of Connecticut. Both share a passion for excellence in design and campus organization. Laura regularly meets with the University administration on issues of image, quality and design with regard to any venture the University undertakes. She is an administrative officer of the University and a member of the President's cabinet. The University of Connecticut is now recognized as one of the top 20 national public research universities and has established itself as one of the nation's leaders in sustainable design as well as other environmental policies.

- UConn President's Cabinet and Administrative Officer of the University
- Associate Fellow of Yale's Trumbull College
- Former freshman and sophomore advisor for students in Trumbull College
- Mentor for women students at Yale School of Architecture (YSA)
- YSA jury member for studios led by Tom Beeby and Dmitri Porphyrios
- YSA lecturer for courses on architectural practice led by Phil Bernstein
- GSA peer reviewer for the Campus for Homeland Security
- Former alternate commissioner for Town of Hamden Planning and Zoning
- Former member of AIA CT Women in Architecture work group

# **Organizational Improvements**

While at Yale, Laura organized and led a monthly Officers Program Review of the scope, schedule and budget of all capital projects, attended by the President, Provost and Vice Presidents. Although the Memorandum of Understanding for each project required only 3 signatures, the communication was so clear and so important to the capital effort that all Yale's officers attended.

Although Laura has been at UConn a short time, she has identified the need for qualified staff and has already increased her professional staff by 10 positions. This increase will permit her to place qualified individuals on the numerous projects that will be undertaken due to the new funding stream the Connecticut legislature has placed on the University for the coming years.

- Formulated Next Generation Connecticut capital program for \$1.54 billion plus \$500 million reallocated UConn funds, to align funding schedule with cash flow disbursement
- Introduced new processes of identifying and approving projects for the capital budget Memorandum of Understanding documenting project scope, schedule and budget, requiring sign-off by key constituencies

- In her first year at UConn, Laura hired the following new staff in Planning, Architectural and Engineering Services (PAES)
  - Director of University Planning
  - Director of Regional and Development Projects
  - Director of Accelerated Projects
  - Associate Director of Landscape Architecture
  - 1 licensed electrical engineer
  - 1 licensed landscape architect
  - 4 licensed architects
  - 2 administrative assistants
- In her second year at UConn, Laura reorganized staff and project delivery as follows
  - Director of Accelerated Projects responsible for small projects from planning through construction
  - Director of Planning responsible for planning for all other projects
  - Remaining 4 Directors responsible for design through construction for all projects assigned
  - Introduced matrix management and redistributed staff for administrative and functional reporting
  - Reorganized administrative staff
  - Worked with the AVP for Facilities Operations to form a joint Business Services Center

### Conferences and Speaking Engagements

"Higher Education Program" panelist for the Professional Women in Construction organization, Rocky Hill, CT-9/14

"Women in the Arts Symposium" panelist, Mount Holyoke College, South Hadley, MA - 2/14

"Higher Education as a Catalyst for Downtown Revitalization" panelist for the Urban Land Institute, New Haven, CT - 10/13

"State of the State" panelist presentation to the Construction Institute, East Hartford, CT - 10/13

"UConn – Where to next" presentation to the Connecticut Building Congress, Hartford, CT - 10/13

"Higher Education Program" panelist for the Professional Women in Construction organization, Rocky Hill, CT - 9/13

"The Global Economy and its Effect on Capital Programs and Operations" presentation to the Ivy Plus conference, New Haven, CT - 5/09

"The Yale Campus: Yesterday, Today and Tomorrow" presentation to a plenary session of the Association of Yale Alumni, New Haven, CT - 5/08

"Yale University: Three Historic Projects" presentation to the Association for Preservation Technology NE Symposium, New Haven, CT - 3/08

"Yale University Arts Area Plan" presentation with Charles Gwathmey to a session of the SCUP North Atlantic Regional Conference, New Haven, CT - 3/08

"2000 Yale Campus Framework Plan Update" presentation to plenary session of the SCUP North Atlantic Regional Conference, New Haven, CT - 3/08

"Building the Future: the role of a university as an architectural patron" panelist for a symposium sponsored by the Yale School of Architecture and the Department of the History of Art, New Haven, CT - 1/08

"Successful Approaches to Historic Residence Hall Renovations" presentation with Goody Clancy to a SCUP Campus of the Future session, Honolulu, Hawaii -6/06

# 2.2 Significant Awards, Honors & Recognitions

In her direction of the architects engaged by Yale University, Laura Cruickshank fostered design excellence as demonstrated by the following awards:

### AIA National, Institute Honor Award

• Yale Morse and Ezra Stiles Colleges, Architecture, KieranTimberlake, 2013

### AIA Connecticut Design Awards

- Yale, Sterling Power Plant Cogeneration and Expansion, Built Design, Honor, Charney Architects, 2012
- Yale, Hillhouse Avenue Pedestrian Bridges, Architecture Encompassing Art, Merit, Pelli Clarke Pelli, 2012
- Yale, Jonathan Edwards College, Built Design, Preservation, Newman Architects, 2010
- Yale, Renovation of Paul Rudolph Hall, Built Design, Preservation, Gwathmey Siegel & Associates and Hoffmann Architects, 2009
- Yale, Institute for Social and Policy Study, Built Design, Institutional, Charney Architects, 2009
- Yale, Kroon Hall School of Forestry & Environmental Studies, Built Design Institutional, Hopkins Architects and Centerbrook Architects, 2009

### AIA New England Honor Awards

- Yale, Kroon Hall School of Forestry & Environmental Studies, Honor Award, Hopkins Architects and Centerbrook Architects, 2009
- Yale, Sculpture Building, Honor Award, KieranTimberlake, 2009

### Other Selected Awards AIA COTE Top Ten Green Project

Yale, Sculpture Building, Top Ten Green Project, KieranTimberlake, 2009

# 2.2 Significant Awards, Honors & Recognitions, cont'd

AIA COTE Top Ten Green Project

 Yale, Kroon Hall School of Forestry & Environmental Studies, Top Ten Green Project, Hopkins Architects and Centerbrook Architects, 2010

While in private practice, Laura Cruickshank strove for excellence in projects she managed as indicated by the following:

AIA Connecticut Design Awards

- State of CT, Putnam Memorial State Park, Phase 1, Built Design, Preservation, Nelson Edwards Company, 2009 (formerly Nelson Edwards Cruickshank)
- Yale, William L. Harkness Hall, Restoration/Renovation, Noyes Vogt Architects, 1992

### 2.3 Significant Publications

..."When UConn begins construction...on its new downtown Hartford campus, perhaps the biggest challenge will
be preserving the historical feel of the old Hartford Times
building. Considered an architectural gem, it's the site
UConn has chosen to relocate its West Hartford campus,
with the goal of creating a collegiate environment that also
has easy access to the Capital City businesses and cultural
institutions. Leading the effort is Laura Cruickshank,
UConn's master planner and chief architect, who joined
the school last year from Yale University where she was
the chief university planner.".....Hartford Business Journal, September 8, 2014

... "The University of Connecticut's board of trustees is expected to approve final development agreements for a new, regional campus in downtown Hartford that could welcome its first students in 2017, university officials said Wednesday. "This is a major event in the life of a university," Laura Cruickshank, UConn's master planner and chief architect said. "It's not often that a university gets to open a new campus. We think we have the perfect building...In keeping with the neighborhood campus concept, there will be an exterior courtyard open daily to the public, and retail stores on three sides of the building to enliven the streets and encourage public visits," Cruickshank said.".....

..."The [Tech Park] partnership building...exterior design underwent major changes to increase its prominence, Laura Cruickshank, UConn's master planner told me. Cruickshank said the original design let the building "fade into the landscape" and that ran counter to the university's emphasis on STEM - science, technology, engineering and mathematics - that the technology park is intended to embrace.

"We wanted to make sure the building represented the technology," Cruickshank told me. "Now it's an object on the landscape rather than receding into the landscape." "...... Hartford Courant, February 12, 2014

In the course of her career at Yale and University of Connecticut, Laura Cruickshank was interviewed and quoted in numerous articles including the following:

- Soule, Alexander. "UConn, Architects Plot Reconfigured Hartford Times Building." Hartford Business Journal September 8, 2014
- Gosselin, Kenneth R. "Final Plans for UConn's Downtown Campus Go To Trustees Next Week." Hartford Courant May 28, 2014
- Gosselin, Kenneth R. "Long-Delayed UConn Tech Park To Break Ground Later This Year." *Hartford Courant* February 12, 2014
- Cruz, Jose Luis Gabriel. "UConn Selects Shortlist to Design New Campus Masterplan"
   Architecture News January 08, 2014 ArchDaily
- Hartman, Kate. "UConn Working on New Master Plan." Foothills Media Group January 06, 2014
- Megan, Kathleen. "UConn Will Create A Master Plan For Storrs Campus."
   Hartford Courant December 25, 2013
- Eaton-Robb, Pat. "UConn 'Master Plan' Guide To Campus Future." *CBS Connecticut* December 13, 2013 Local News
- Whittle, Tikeyah. "UConn-West Hartford Students Offer Mixed Feelings About Move To Downtown." *CT News Junkie* December 12, 2012 Education.
- Appel, Allen. "Committee OK's New SOM Home." *New Haven Independent* February 12, 2010
- Doherty, Donna. "Whale of a Job." *The New Haven Register* January 17, 2010
- Mays, Vernon. "Kroon Hall." Architect Magazine October 20, 2009

### **ACCOMPLISHMENTS**

### 2.3

# Significant Publications, cont'd

... "The University of Connecticut is thinking ahead to its future and beginning a process of preparing a comprehensive planning document that will help shape the development of its campuses over the next 20 Years. "The end result will be a comprehensive framework that will assist the University in fulfilling its academic and residential plans by providing an outline and definition of excellence in physical facilities, infrastructure, systems and surroundings," Cruickshank told the Board of Trustees at their December meeting"....Foothills Media Group, January 6, 2014

..."During an interview on WNPR last month, University of Connecticut President Susan Herbst said that the university hired the same master planner and chief university architect that Yale hired for its campus in 2005. The architect, Laura A. Cruickshank, was selected following a national **search...** An email to the students from the university said Cruickshank will be in charge of "ensuring that our campuses are coherent, attractive, and useful spaces that enhance our strategic intellectual endeavors and meet our highest academic ideals.""..... CT News Junkie, December 12, 2012

... "Ms. Cruickshank asks to see drawings "in the context of building design, massing, and elevations for two blocks in each direction." That helps the university understand "how this building is going to work in the context of the campus," which she notes is composed largely of four- and five-story urban streetscapes."..... The Chronicle of Higher Education, January 29, 2008

... "Private spending, supported by a growing number of very wealthy families, is gaining ground on public investment. .... "The field house is a luxury item in a way," Laura A. Cruickshank, an architect employed by Yale as university planner, acknowledged. "But when you have a stadium [Yale Bowl] that is so old and iconic, you have to do things differently."..... The New York Times, January 6, 2008

- O'Leary, Mary E. "Commission Approves Revised Marina Renovations." The New Haven Register August 13, 2009
- O'Leary, Mary E. "Yale's Kroon Hall Ushers in Energy-Saving Design." *The New* Haven Register June 9, 2009
- Biemiller, Lawrence. "'Three Amigos' Advise Yale U. President on Building Matters." The Chronicle of Higher Education January 29, 2008, buildings and Grounds, College facilities.
- Uchitelle, Louis. "Age of Riches: Private Cash Sets Agenda for Urban Infrastructure." The New York Times January 06, 2008, Business.

# **SECTION 3 EXHIBITS**

Campus Planning 3.1 University of Connecticut

Master Plan

University of Connecticut

**UCONN Hartford** 

Yale-National University of Singapore Yale-NUS College Master Plan and Design

**Architectural Excellence 3.2** Yale University

School of Management

Yale University Sculpture Building

Yale University Kroon Hall

**Preservation and Maintenance 3.3** Yale University

Paul Rudolph Hall Renovation

Yale University

Trumbull College Renovation

Yale University

Bass Library Renovation

Leadership and Service 3.4 University of Connecticut

Innovation Partnership Building

# 3.1 Campus Planning

# **University of Connecticut Master Plan**

Planners: Skidmore, Owings & Merrill

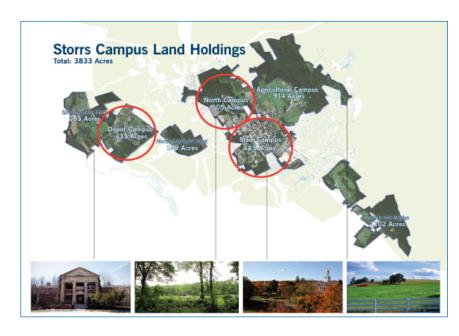
Anticipated Completion: early Spring 2015

Laura Cruickshank convinced the UConn Administration of the critical need for a Master Plan to guide implementation of the Next Generation Connecticut capital plan and, in support of the academic plan, to create a vision for the campus for the next 20 years.

The Master Plan will support the Academic Plan and its themes of excellence and will align the physical campus identity with the vision for the future.

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee*.

Mun Choi, Provost & Exec VP Academic Affairs University of Connecticut



### Challenge

• To plan, design and construct the \$1.54 billion + \$500 million capital improvements of Next Generation Connecticut (NGC)

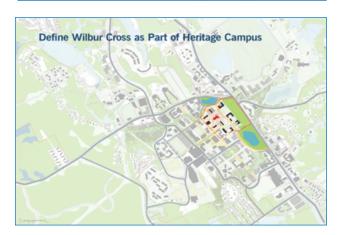
### Role

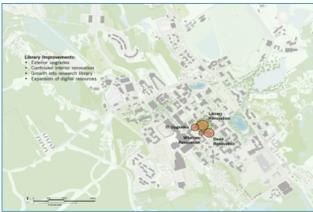
- Responsible for UConn \$2+ billion capital plan from project formulation through construction closeout
- Responsible for capital program reporting to the administration, trustees and State legislature

### Outcome

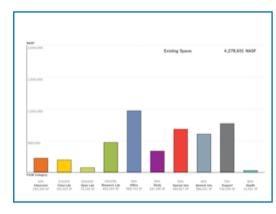
- Created Master Plan scope, schedule and budget, led consultant solicitation process and engaged Skidmore Owings and Merrill. Created process for involvement of University and community stakeholders.
- Hired UConn Director of University Planning to focus on Master Plan
- Anticipated Final Draft of Master Plan in December 2014

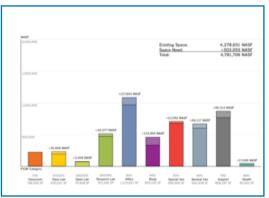
# Vibrant Student Hub: Hillside Road





### **EXHIBITS**



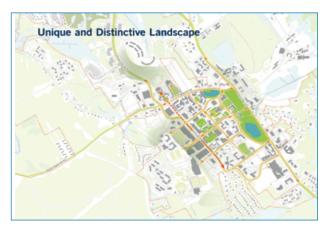


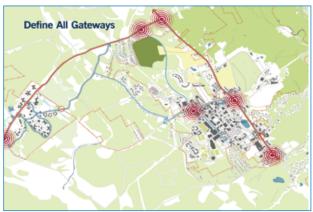
The existing condition phase of the Master Plan analyzed UConn space data against peer and aspirant institutions' space metrics.



The framework of the Master Plan is defined by 6 "Big Ideas" with a 7th for the adjacent Depot Campus. The development of these ideas will set the context for future projects.

# New Multi-Use Districts: South and Northwest Campus

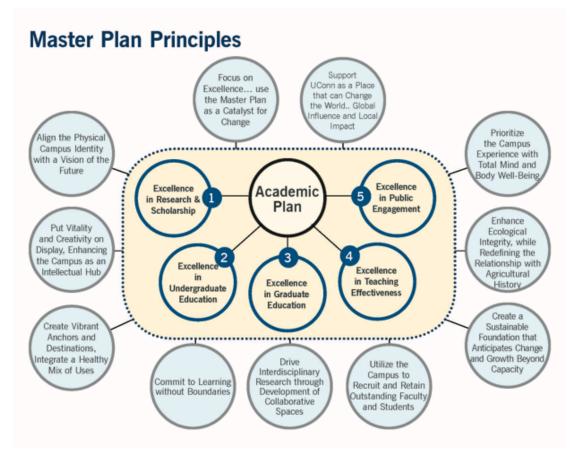




All drawings and diagrams by SOM

### **EXHIBITS**

The Master Plan is coordinated with the Academic Plan to ensure that physical planning supports the academic program. The diagram below illustrates the link.



The University will utilize the final Master Plan to confirm planning assumptions for projects that have already begun and to develop assumptions for new projects. The capital plan for implementation of the Master Plan will be divided into two sections, years 2015-2025 which coincide with NGC funding, and years 2025-2035. The concurrent identification of project sites for both decades will facilitate adherence to the principles of the Master Plan and the thoughtful integration of the infrastructure systems that support the projects. The Master Plan will document the vision and implementation strategies for UConn's physical plant development as a premier research university and economic driver for the State of Connecticut.

# **EXHIBITS**

### 3.1

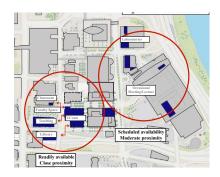
### **University of Connecticut UConn Hartford**

Planning: UConn Planning

Developer: HB Nitkin [Robert A.M. Stern Architects, Whiting Turner CM]

Anticipated Completion: Fall 2017

Laura Cruickshank led the programming, site selection and consultant selection for the new downtown Hartford neighborhood campus; articulated the design parameters and re-directed the project to right size the program and building (180,000 gsf) to the site; reviewed and selected the concept design; and with her team, packaged a complicated scope, schedule and budget for approval by the administration and the Board of Trustees.



I have personal knowledge of the nominee's responsibility for the project listed above. Project under direction of nominee.

Mun Choi. Provost & Exec VP Academic Affairs University of Connecticut

# Campus Planning, cont'd.



Aerial photograph of downtown Hartford, showing the location of the new "neighborhood" campus." The University will build one central facility and partner with nearby surrounding institutions to use their underutilized or vacant space for teaching needs.

### Challenge

• To select a site and a developer for the relocation of the regional UConn Greater Hartford campus to downtown Hartford; to plan, program and design new facilities for UConn Hartford; to work with the City of Hartford; and to secure funding and approvals from the State of Connecticut and UConn Board of Trustees and Senior Administration

### Role

Responsible for leading the University for all aspects of the capital project

### Outcome

- Historic Hartford Times site selected, developer and architect selected
- Programming and Concept Design complete, schedule and budget established
- Anticipated opening for Fall 2017 occupancy





All renderings by Robert A.M. Stern Architects

### **EXHIBITS**



West Elevation with Hartford Times building in the center



North Elevation with new UConn entrance in atrium connecting the Hartford Times building to the west with the new academic wing to the east



East Elevation with 5 story and 3 story academic wings



South Elevation with 3 stories to allow sunlight to penetrate the courtyard and atrium beyond

# Campus Planning, cont'd.

# Yale-National University of Singapore College Yale-NUS College Master Plan and Design

Planners: KieranTimberlake, Pfeiffer Partners,

Forum Architects

Architects: Forum Architects with Pelli Clarke Pelli

Completion: Planning and Design, 2013
Construction. 2015

A community of learning, Founded by two great universities, In Asia, for the world



Signing ceremony for execution of agreement between Yale and the National University of Singapore, attended by Presidents of both Universities, the Prime Minister of Singapore and the US Ambassador to Singapore.

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee for planning and design for Yale.* 

Linda Lorimer, VP Global & Strategic Initiatives Yale University

### Challenge

 To plan and design a new liberal arts college in southeast Asia that would reflect both eastern and western design philosophies and Yale's residential college program

### Role

- Led Yale space planning for the new Yale-NUS (National University of Singapore) liberal arts college in Singapore (680,000 gsf) on a greenfield site, started construction in 2012
- Analyzed planning and architectural issues from the Yale perspective and advised the Yale President, Vice President and trustees when significant issues arose that may have affected Yale's best interest
- Interfaced with the NUS President and Deputy Vice Presidents and other members of the NUS administration and supported the efforts of the Facilities organization
- Collaborated with US and Singaporean architects to plan and design a new campus and work with its newly appointed faculty, staff and administration to verify planning assumptions
- Participated in the selection of the main contractor and sub-contractors for construction of the new college
- Participated in the review of mock-ups of construction and furnishings to ensure that Yale's desired level of quality was met within the constraints of a challenging budget and schedule
- Presented graphic and verbal updates to various groups such as the Yale-NUS Governing Board, Yale Corporation, faculty and alumni

### Outcome

 Yale-NUS College's new campus is in construction, anticipated completion in mid-2015



College Green



Ceremonial Entrance to Campus



Learning Commons

# **EXHIBITS**



Yale-NUS College in design, above, and in construction, below.



All renderings and photograph by Pelli Clarke Pelli Architects

3.2

**Architectural Excellence** 

# Yale University School of Management

Architects: Gruzen Samton, with

Foster and Partners

Completion: 2013

Laura Cruickshank worked directly with Yale President Richard Levin to articulate the vision of the administration and trustees to Lord Norman Foster. The selection of Foster and Partners was the direct result of the University's desire for a contemporary design for the expanding program and aspirations of the School of Management, and in contrast to the traditional design of the new Yale residential colleges 13 & 14.

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included: *Project under direction of nominee for planning & design.* 

Nigel Dancey, Senior Partner

Foster + Partners



© Chuck Choi

# Challenge

• To plan and design new facilities (246,000 gsf) for Yale's School of Management and to acquire approval from the City of New Haven for zoning and construction

### Role

- Formulated the design competition and led the process of consultant selection
- Led the process of planning and design with Foster and Partners
- Led planning and design presentations to neighborhood groups and the City
- Redirected the interior design to a warmer palette and championed the use of high quality durable materials
- Worked with the architects and the Yale University Art Gallery to incorporate Sol Le Witt and Adrian Schiess art in the buildings

### Outcome

• Building completed construction in 2013 and dedicated in January 2014



Night view of corridor adjacent to blue classrooms, above, overlooking the courtyard. The corridors circle the courtyard on all 4 sides, a planning requirement to accommodate guests viewing Commencement and other formal occasions in the courtyard. © Nigel Young/Foster + Partners

View of faculty atrium with skylight above and in situ art wall by Adrian Schiess. Laura Cruickshank worked with Foster & Partners, the Dean of the School of Management and the Director of the Yale Art Gallery to incorporate Sol Le Witt drawings and the Schiess work into the building.

© Nigel Young/Foster + Partners



### **EXHIBITS**



View of Main entrance into School of Management and library, above, and view of courtyard, below. The building was planned and designed to open to the street and scale back to the residential area behind it. A 25 ft bay was removed from the building during schematic design to reduce the overall mass.

© Chuck Choi



*All photographs courtesy of Foster + Partners* 

### **EXHIBITS**

### 3.2

# Architectural Excellence, cont'd

# Yale University Sculpture Building

Architects: KieranTimberlake

Completion: 2007

Selected Awards: AIA COTE Top Ten Green Project
AIA CAE Award of Excellence
AIA Pennsylvania Silver Medal
AIA Philadelphia Honor Award
Architect R+D Award
BSA Higher Education Award of Excellence
Chicago Athenaeum American and International Architecture Awards

AIA New England Honor Award Western Red Cedar Architectural Design Award

Completion of the Sculpture building was critical to implementation of the Arts Area master Plan: the School of Architecture occupied the building for 1 year, allowing the subsequent renovation of Rudolph Hall (the Art & Architecture building). It was also key to expediting the demolition of the old Sculpture building, allowing its site to be prepared for a new use, the Yale residential colleges 13 & 14.

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee for planning & design*.

Stephen Kieran, Partner, Kieran Timberlake



The Sculpture Gallery on Edgewood Street,

photograph www.yale.edu

### Challenge

To plan and design new facilities for Yale's School of Art Sculpture department - 190,000 gsf of studio space, art gallery, parking garage and retail space - and to acquire approval from the City of New Haven for zoning and construction. Zoning was particularly challenging as the lot had multiple zones.

### Role

- Led the process of planning and design with KieranTimberlake architects
- Led planning and design presentations to administration, trustees, neighborhood groups and the City of New Haven

### Outcome

- Building was divided into 3 masses, each appropriate to the scale of the respective streetscapes and working within existing zoning regulations
- Design was completed very quickly to facilitate occupancy by School of Architecture
- First LEED Platinum building in the State of Connecticut

### **EXHIBITS**

The Art Gallery, situated along the street front to engage the city of New Haven, is clad in a rainscreen of reclaimed western red cedar. Its scale is in keeping with the residential houses on the street.

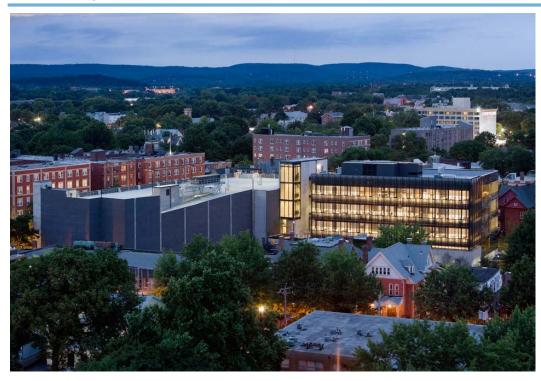


The facade incorporates multiple layers to achieve high level of energy performance while remaining fully transparent. The Scultpure building was the first LEED Platinum building in the State of Connecticut.



A detail of the high-performance envelope of the Sculpture building, with a view of the green roof atop the Art Gallery.





At night, the sculpture building functions as a lantern at the center of the block, illuminating the complex for safe passage by pedestrians.

The project restores and extends the urban fabric by creating pedestrian pathways through the site while creating perimeter street frontage on what was formerly a derelict parking lot. At night, the Sculpture Building illuminates the block, creating a safe passage from the main campus to the residential area at the campus edge.

The Sculpture Building features a high performance façade that incorporates solar shading, a triple glazed low-e vision panel, 8-foot high operable windows and a translucent double cavity spandrel panel. Consequently, the building has a high level of energy performance while remaining fully transparent. Testing suggests that the overall R value of the spandrel assembly is in excess of R 20 while maintaining 20% visible light transmittance

Text www.kierantimberlake.com All photographs © Peter Aaron/OTTO

### **EXHIBITS**

### 3.2

### Architectural Excellence, cont'd

### Yale University Kroon Hall

Architects: Centerbrook with Michael Hopkins

Completion: 2007

Selected Awards: AIA COTE Top Ten Green Project
AIA Connecticut Design Award
AIA New England Honor Award
Green Building Council Design Award
BSA Honor Award
Royal Institute of British Architects International
Design Award
Architects' Journal AJ100 Awards, Building of the Year
Building Stone Institute Tucker Design Award
Canadian Wood Council Citation

"This is a very deliberate attempt to move some of the language of the central campus to Science Hill in terms of the courtyards," said **Cruickshank...**" O'Leary, Mary E. "Yale's Kroon Hall Ushers in Energy-Saving Design." The New Haven Register June 9, 2009

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee for completion of design*.

Mark Simon, Partner, Centerbrook





South elevation, showcasing photovoltaic roof panels and the stormwater filtration retention pond, and the newly created courtyard. The underground service node for Kroon and the adjacent buildings is below the courtyard.

### Challenge

• To plan and design a new main building (68,000 gsf) for Yale's School of Forestry and Environmental Studies with the goal of achieving carbon neutral within a tight budget

### Role

- Assumed the role of leading the process of design in 2005
- Responsible for obtaining approvals to proceed with design and sustainable initiatives
- Led the process of interior design and fit-out with Michael Hopkins and Centerbrook architects

### Outcome

- Building completed construction in 2007
- Second LEED Platinum building in the State of Connecticut

Water Garden Diagram by Nitsch Engineering; photograph www.yale.edu

Laura Cruickshank led the process of design review and approvals for all Yale projects during her tenure as University Planner, including Kroon Hall. With Yale's Design Advisory Committee, Laura worked with the architects to resolve potential conflicts between design and sustainability initiatives and the introduction of a new design language to the historic context of Yale's Science Hill.

Because of the desire for carbon neutrality by the Yale School of Forestry and Environmental Studies and the need to stay within the University's budget, a myriad of sustainable initiatives were evaluated and estimated. Many of them had an effect on the appearance and functionality of the building and became part of the design review process.

### **EXHIBITS**



South Elevation, with students walking on Science Hill, location of Kroon's geo-thermal wells, the first at Yale



Study space on the 3rd floor. The majority of the red oak finish material inside Kroon was harvested from Yale Forest

All Photographs © Morley von Sternberg; Derek Hayn, Centerbrook



West Elevation facing Prospect Street, across from Ingalls Rink. Philip Johnson's Kline Biology Tower is in the background and Sage Hall is adjacent.



East Elevation facing Science Hill, at night. The building site had no "rear" entrance and an underground service node was built to service Kroon and the adjacent buildings.

### **Preservation and Maintenance**

# Yale University Paul Rudolph Hall Restoration

(formerly knows as the Art & Architecture Building)

Original Architect: Paul Rudolph Restoration Architect: Gwathmey Siegel & Associates

Completed: 1963 and 2008

AIA Connecticut Built Design Award, Preservation Award

The glorious volumes of studio space designed by Paul Rudolph are illuminated by the oversized new glazing on the east elevation, facing the newly renovated Kahn wing of the Yale University Art Gallery. The A&A project faced constant budget pressures and new glazing was eliminated from the design. But when Laura Cruickshank accompanied President Richard Levin on a tour through Kahn, looked through Polshek's beautiful new curtain wall at the failed A&A glazing she said, "You know, we're going to have to replace those windows," and the president replied, "I know." New glazing was added to the project scope, resulting in a facade detailed to match the original as closely as possible.

Laura Cruickshank formulated and led the administration's review and approval of the preservation standards by which Rudolph Hall was restored.

I have personal knowledge of the nominee's responsibility for the project listed above. *Lead Planner for Yale University.* 

Linda Lorimer, VP Global & Strategic Initiatives Yale University



Restored Rudolph Hall, adjacent to Charles Gwathmey's new building for the Dept of the History of Art, corner of Chapel and York Streets, New Haven CT photograph www.yale.edu

### Challenge

 To restore/renovate Paul Rudolph's Art & Architecture Building and to complete construction in 15 months to allow the School of Architecture to move back in, while simultaneously constructing the adjacent new Depart ment of History of Art (the Loria Center)

### Role

- Led the process of planning and design with Gwathmey Siegel
- Arranged interior design assistance to Gwathmey Siegel from Newman & Partners to facilitate completion
- Coordinated with Yale Dean Robert A.M. Stern

### Outcome

 Building renovation completed in 2010, restored to original design intent, as described by Charles Gwathmey, who worked with Paul Rudolph, and Dean Stern

### Preservation and Maintenance, cont'd

# Yale University Trumbull College Restoration

Original Architect: James Gamble Rogers
Restoration Architect: Goody Clancy

Completed: 1930 and 2006

Award
Connecticut Building Congress, Project Team Award,
Major Renovation/Expansion

Trumbull College was the 7th of the 12 residential colleges to be restored and renovated. The concept was to restore the exterior envelope and all public spaces such as the Common Room, Dining Hall, Library and Fellows' Lounge; renovate the kitchen and servery; reconfigure student suites to conform to the program, maximize bed counts and meet current codes; and to design extracurricular program spaces such as music rooms and a theater in an enlarged and reconfigured basement.

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee for planning & design.* 

ear Cause

Jean Carroon, Principal Goody Clancy



Trumbull College Courtyard

photograph www.yale.edu

### Challenge

• To restore/renovate Yale's Trumbull College (135,000 gsf) in a manner consistent with the original design by James Gamble Rogers, reflecting the current residential college program and benchmarking to the other 11 colleges both pre- and post-renovation, while updating the infrastructure and meeting current building and fire codes.

### Role

- Led programming with the Trumbull College Master and Dean to identify the College's program
- Led the process of planning and design with Goody Clancy Architects
- Led the process of interior design, reviewed and approved finishes, furnishings and colors
- Responsible for obtaining design and budget approvals from the administration

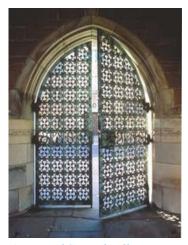
### Outcome

• Building renovation completed in 2006

# **EXHIBITS**



Entrance to the restored Trumbull College Master's House, a favorite Yale photo



A restored Samuel Yellin gate



Restored Dining Hall with new acoustic plaster. Historic lighting fixtures were updated with new lamps, the lead camed windows and woodwork were restored.



Restored Library overlooking the Dining Hall

All photographs  $\ \ \,$  $\ \ \,$  $\ \ \,$  $\ \ \,$ Peter Vanderwarker

# Preservation and Maintenance, cont'd

# Yale University Bass Library Renovation

(formerly known as the Cross Campus Library)

Original Architect: Edward Larrabee Barnes Architect: Hammond Beeby Rupert Ainge (HBRA)

Completed: 1971 and 2006

Selected Awards Tucker Design Awards Excellence in use of Natural Stone Building Stone Institute

Acanthus Award in the Category of Architecture Institute of Classical Architecture & Art - Midwest Chapter

> Architectural Portfolio Outstanding Design American School & University

Golden Trowel Award International Masonry Institute, New England

Yale's Cross Campus Library was perceived as the library for undergraduates, many of whom rarely entered the main Sterling Library, and it was in terrible condition. Laura Cruickshank worked with architect Tom Beeby to identify the few Barnes features to preserve, and to adjust the library program to fit within the existing built volume. The result was transformational.

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee for planning & design.* 

Thomas Beeby, Partner, Hammond Beeby Rupert Ainge Architects



New underground interior entry portal from Sterling Library into Bass Library © Timothy Hursley Challenge

• To renovate Yale's Cross Campus Library, an underground facility in poor condition, connecting it more clearly to the main Sterling Library, while updating the infrastructure and meeting current building and fire codes.

### Role

- Led the process of planning and design with Hammond Beeby Rupert Ainge
- Responsible for developing program with University Librarian
- Responsible for obtaining design and budget approvals from the administration
- Led redirection of furnishings design, as befitting a major university public space, at the request of the administration

### Outcome

- Building renovation completed in 2006
- Recognized widely by administration & trustees as "transformational" for the campus

### **SECTION 3 EXHIBITS**



New accessible entry pavilion, above, and stair to below grade main entrance, right, designed to fit seamlessly with the architecture of James Gamble Rogers.

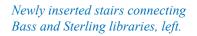


A renovated courtyard and light well, below, one of the original Barnes features.





A cafe, above, was introduced for the first time in a Yale library.



Stacks and study space, below. The volume of books was reduced from approximately 200,000 to 135,000.



The Cross Campus is one of Yale's sacred exterior spaces, used by all members of the university community and the general public. Commencement exercises start with all the Colleges and Schools assembling there. Any change requires approval at the highest level.

Laura Cruickshank led the approval process for the new entry pavilion. A full scale mockup of wood and scrim was built in 2 locations and reviewed and toured by the administration and trustees. As a result, 1 location was selected and the scale of the pavilion adjusted.

With her library colleagues, Laura led the efforts to reprogram the space in both the Bass and Sterling libraries, improving functionality while managing expectations and meeting the budget and schedule.



3.4

Leadership

# **University of Connecticut Innovation Partnership Building**

Architect: Skidmore, Owings & Merrill

Anticipated Completion: early Spring 2017

The Innovation Partnership Building (IPB) will be the first facility in UConn's long awaited Technology Park. It will contain core laboratories dedicated to Characterization (Imaging) and Advanced Manufacturing, used by various industry partnerships with the goal of furthering research opportunities for UConn faculty and creating an economic driver for the State of Connecticut.

The architects had been led by university staff to design a building that reflected the Tech Park's pastoral landscape. When Laura Cruickshank arrived at UConn in February 2013, one of her 1st major tasks was to redirect the design to reflect the cutting edge technology inside the building and to reprogram the building size to reflect the realities of the budget. Rather than receding into the landscape, the building design became an object in the landscape and the analogy Laura used to explain this concept was the sculptures in the Storm King park in New York.

The building design is acclaimed by the university community and the project is on budget and on schedule, with construction scheduled to start in late Fall 2014.

I have personal knowledge of the nominee's responsibility for the project listed above. *Project under direction of nominee for design.* 

Mark Regulinski Partner, Skidmore, Owings & Merrill

**Before** 



**After** *Renderings by SOM* 

### Challenge

• To design and construct the first building of UConn's Technology Park, bonded by the State

### Role

- Responsible for redirecting schematic design to reflect the cutting edge research and technology programs to be housed in the building
- Worked with the UConn president to understand her aspirations, translated them into architectural terminology and articulated that to the consultant
- Led the process of internal and external approvals for the project

### Outcome

- · Redesign very successful and endorsed by the University administration and stake holders
- Construction to start late Fall 2014, anticipated February 2017 occupancy

### **SECTION 4 REFERENCES**

### References for nominee Laura A. Cruickshank, AIA

### 1. Susan Herbst, President

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### 2. Richard C. Levin, President Emeritus

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Relationship to Nominee: President of past University, dotted line report

# 3. Thomas Beeby, FAIA

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Relationship to Nominee: Consultant to Yale, member of Yale Design Advisory Committee

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# **SECTION 4 REFERENCES**

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**Advisory Committee**