



THE AMERICAN
INSTITUTE
OF ARCHITECTS

2013

LATROBE

PRIZE

AIA College of Fellows

AWARD \$100,000

SCHEDULE

October 1, 2012:	First stage submissions due
December 2012:	Shortlist announced
January 16, 2013:	Second stage submissions due
February 2013:	Interviews of second stage finalists
March 20-23:	Public announcement of winner(s) made at the AIA Grassroots Leadership and Legislative Conference.

2013

LATROBE

PRIZE

SUBMISSIONS ADDRESS

Latrobe Prize Jury
College of Fellows
The American Institute of Architects
1735 New York Avenue, NW
Washington, DC 20006-5292

MORE INFORMATION

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THE AMERICAN
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THE LATROBE PRIZE

The AIA College of Fellows' mission is to support the Institute and advance the profession of architecture.

Toward that end, the College seeks to encourage research that broadens the perspective and scope of architecture to include cross-disciplinary fields and expertise through its biennial competition: the Latrobe Prize.

Research proposals for the Latrobe Prize may include, but are not limited to, building materials and delivery systems, digital design, computer simulation and modeling, energy, eco-design, or integrated design-construction practices and processes.

HISTORY OF THE LATROBE PRIZE

In 2000, the College of Fellows established a grants program in research intended to serve as a catalyst for significant investigation into issues important to the profession. The program began as the Latrobe Fellowship with the initial grant of \$50,000.

In 2003, the grant was increased to \$100,000 to be given over a two year period, and, in 2007, was renamed the Latrobe Prize.

RECIPIENTS OF THE LATROBE FELLOWSHIP

2001 "Refabricating Architecture"

Principal Investigators: Stephen Kieran, AIA, and James Timberlake, AIA

Research into new material development and application, concluding with the publication of *Refabricating Architecture*.

2003 "Fundamental Neuroscience Research and Development for Architecture"

Principal Investigator: Academy of Neuroscience for Architecture and John Eberhard, FAIA.

Research focused on neuroscience and its implications on architectural design and led to the publication of *Architecture and the Brain*.

2005 "Developing an Evidence-Based Design Model that Measures Human Response: A Pilot Study of a Collaborative, Trans-Disciplinary Model in a Healthcare Setting"

Principal Investigator: Chong Partners Architecture, in partnership with Kaiser Foundation Health Plan, Inc., and the University of California, Berkeley.

2007 "On the Water, A Model for the Future: A Study of New York and Jersey Upper Bay"

Principal Investigators: Guy Nordenson, Princeton University with Stanley T. Allen, AIA; Catherine Seavitt, AIA; James Smith; and Michael Tantala; Tantala Associates; Adam Yarinsky; and Stephen Cassell, Architecture Research Office.

Research focused on the role that architects can play in lessening the impact of climate change and potential flooding on the built environment.

2009 "Growing Energy/Water: Using the Grid to Get Off the Grid"

Principal Investigators: Martin Felsen, AIA, and Sarah Dunn.

Investigated sustainable infrastructure development in a prototypical setting in downtown Chicago.

2011 "Public Interest Practices in Architecture"

Principal Investigators: Bryan Bell, Roberta Feldman, Sergio Palleroni, and David Perkes, AIA.

Research centered on needs that can be addressed by public interest practices and the variety of ways that public interest practices are operating.

THE 2013 LATROBE PRIZE

CALL FOR PROPOSALS

The AIA College of Fellows invites individuals and teams to submit proposals for the 2013 Latrobe Prize.

Awarded to a research proposal that has the long-range potential to resolve one or more 21st century architectural and built environment challenges, the Latrobe Prize provides the recipient with \$100,000 to conduct research on a critical issue and to develop a solution that enhances the current practice of architecture.

RESEARCH THEME: ARCHITECTURE AT SEVEN BILLION

The exploding world population and its demand for resources—particularly food and water—will create a perfect storm within a few decades. It is incumbent on professionals in many fields to focus attention on innovative ways to mitigate and minimize these negative impacts on the global population and the environment.

The College of Fellows seeks proposals that address problems across the full spectrum of contemporary professional activity. Examples of areas in which architects can meet both the needs of their practices, promote health and wellness in diverse communities, and stem the depletion and contamination of the manmade and natural environment include:

- reductions in the use of fossil fuels and natural resources that take a long time to replace;
- maximizing energy efficiency and increasing the use of renewable sources of energy;
- waste treatment on site;
- permeable paving surfaces;
- compact housing and urban centers;
- incorporating physical activity into people's daily routines;
- redefining public space, especially in terms of informal occupancy;
- development and use of easily renewable resources;
- incorporating active design guidelines, wayfinding, and improved bicyclist and pedestrian safety measures;
- new technology that increases efficiency during construction;
- applying resilient and biomimetic design to sustainability;
- computer programs that allow more sophisticated modeling and real-life simulation of a proposed design; and
- information modeling that can forecast various components of a building's post occupancy costs as well as life cycle costs.

Examples of some human activities and built communities and structures that have created challenges facing the world today include:

- depletion of nonrenewable sources of energy;
- removal and overuse of resources like trees and agricultural land that alter biodiversity and the ecosystem;
- global warming and pollution of the soil, water, and land;
- heat island effects and urban sprawl;
- problems of waste and waste treatment;
- floods caused by runoff; and
- contamination of groundwater and other bodies of water.

SUBMISSION INFORMATION

Since the inception of the Latrobe grant program in 2000, the College of Fellows has awarded exemplary proposals selected by jury review for their promise to advance professional knowledge in architecture.

EVALUATION CRITERIA

- Relevance of the proposed research program to the general goals and objectives of the College of Fellows, the Latrobe Prize program, and the 2013 theme
- Breadth, depth, and innovativeness of the research programs
- Projected benefits of research outcomes to practice
- Benefits of research outcomes to professional and public constituencies
- Qualifications, expertise, prior achievements, maturity, and performance record of the applicant(s)
- Demonstrated capacity to administer a sustained research program, including the formulation and management of the budget
- Presence of matching funds in the proposal
- Quality and content of supporting documentation
- Quality and content of letters of reference

JURY

Tom Regan, Assoc. AIA, *Chair*

Harold Adams, FAIA

Wayne Drummond, FAIA

Henry Green, Hon. AIA

Laura Lee, FAIA

Monica Ponce de Leon

Ron Skaggs, FAIA

Bill Stanley, FAIA

FIRST STAGE

OPEN CALL FOR PRELIMINARY PROPOSALS.

All proposals must be postmarked on or before **October 1, 2012**, and must include:

TITLE PAGE

- Title of project
- Name(s) and institutional affiliation(s) of principal investigator(s)
- Keywords
- Date of submission
- 125-word abstract summarizing the topic of proposed research—the questions, problems, or conditions that stimulate the research; the scope of work; and the expected outcomes of the project

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II. DESCRIPTION

500-word expository description of the topic, scope, and projected outcomes of the proposed work; institutional context of the research (e.g. team composition, facilities, travel, institutional support); and proposed plans to disseminate the results of the research once complete.

III. PRELIMINARY BUDGET

Itemized use of the \$100,000 grant (e.g. salaries, release time, research assistance, travel, equipment, supplies, software, etc.) and any matching funds that will be provided by other funding sources.

IV. SCHEDULE OF PRODUCTION

Timeline of the proposed program of research, including expected deadlines for the publication of preliminary results.

V. SUPPORTING DOCUMENTATION

CV(s) of the principal investigator(s).

Detailed letter of support from the applicant's supervising unit head or chief executive or chief academic officer of the department, college, university, company, or corporation, as appropriate.

VI. SUPPLEMENTAL DOCUMENTATION

Maximum of 20 pages of additional documentation directly related to the proposed research program (e.g. copies of relevant writings; completed or speculative creative work or building design; or other documentation that establishes unique expertise and qualification(s)).

All proposals: 8.5 x 11 inch paper, 30 pages maximum. The proposal must also be submitted electronically on a CD/DVD or USB drive.

SECOND STAGE

Invited short list only

All submissions must be postmarked on or before **January 16, 2013**, and must include:

I. TITLE PAGE

- Name of project
- Name(s) and institutional affiliation(s) of principal investigator(s)
- Keywords
- Date of submission
- 250-word abstract summarizing the topic of proposed research—the questions, problems, or conditions that stimulate the research; the scope of work; and the expected outcomes of the project

II. DESCRIPTION

10-page illustrated narrative that answers the following questions:

- What problems does this proposal seek to address?
- How does this project stimulate the transformation of future practices?
- How will the proposed program of research influence practitioners?
- How will the proposed program research benefit clients and the public?

III. SUPPLEMENTAL DOCUMENTATION

Five letters of recommendation, including at least one submitted by a member of the College of Fellows.

IV. INTERVIEW WITH THE JURY**SUBMISSIONS ADDRESS****LATROBE PRIZE JURY**

College of Fellows

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THE COLLEGE OF FELLOWS

The College of Fellows, founded in 1952, is composed of members of the Institute who are elected to Fellowship by a jury of their peers. Fellowship is one of the highest honors the AIA can bestow upon a member. Elevation to Fellowship not only recognizes the achievements of the architect as an individual, but also elevates before the public and the profession those architects who have made significant contributions to architecture and to society.

The College of Fellows seeks to stimulate a sharing of interests among Fellows, promote the purposes of the Institute, advance the profession of architecture, mentor young architects, and be of ever-increasing service to society.

2012 EXECUTIVE COMMITTEE

Norman L. Koonce, FAIA
Chancellor

Ronald L. Skaggs, FAIA
Vice Chancellor

William J. Stanley III, FAIA
Bursar

Albert W. Rubeling Jr., FAIA
Secretary



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