

AIAS/AIA COTE RESEARCH SCHOLARSHIP

AIAS/AIA Committee on the Environment is looking for a motivated student intern to assist in developing the “Cost of Next-Gen Green” report.

TOPIC STATEMENT

Our industry has come a long way in a few years; LEED certification at least to Silver level is a generally accepted starting point for most projects, and Gold and even Platinum certifications are becoming commonplace. At the leading edge of the industry, designers and builders are looking to standards such as Living Building Challenge (LBC), Net Zero, and One Planet Living to provide the next level of challenge.

While questions of cost implications for building to LEED have largely been laid to rest, there are questions about the budget impacts of building green to the next level. And there is a growing awareness that cost-effective achievement of net zero and regenerative buildings requires a radical rethinking of design, delivery, and construction processes.

The authors of the 2004 report “Understanding the Cost of Green” are initiating a follow-up study to explore the cost implications of building to Living Building Challenge/Net Zero/One Planet Living standards, using both statistical analyses and anecdotal assessments of actual projects, and to explore the strategies and methodologies that enable effective cost management of these next-generation green projects.

AIAS/AIA Committee on the Environment
Research Scholarship

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AIAS/AIA COTE

RESEARCH SCHOLARSHIP

THE APPLICATION

Eligibility: Program is open to students studying at U.S.-based institutions and having completed their third year on or before June 1, 2012.

Applicants are asked to submit a resume including experience in research and report writing, two letters of recommendation, a list of courses taken that are relevant to the research, and a writing sample.

Submissions must be saved as a single portable document format (PDF) file. The file should be titled with the applicant's first initial and last name (e.g., j_doe). The entire application file should not exceed 20MB in size. Failure to follow these standards may result in disqualification of the application.

All submissions should be made through the scholarship Web site hosted by the AIAS at www.aias.org by 8:00pm EST on May 13, 2013. The selected applicant will be notified no later than May 24, 2013.

THE FELLOWSHIP

An educational scholarship of \$9,000.00 will be provided for the twelve-week research project based on a salary of \$18.75/hr, 40hrs./week. All research shall take place starting June 3, 2013 and should be completed by August 23, 2013.

THE OBJECTIVE

The objective of this fellowship is to assist the research team in developing the "Cost of Next-Gen Green" study. The COTE scholar will work closely with the director of the project, Peter Morris, head of research for Davis Langdon. Lisa Matthiessen will provide project oversight and will act as the liaison with the COTE Advisory Committee.

THE WORK PLAN

The student will be specifically responsible for developing two chapters of the report: the chapter on long term as compared to predicted performance, and the chapter that discusses effective delivery strategies, using in-depth case studies. The student will:

1. Identify candidate projects from the list of projects included in the statistical study.
2. Compile and analyze predictive models and actual performance data from the candidate projects.
3. Interview project teams.
4. Develop and write the report chapter on effective green delivery cost management processes.
5. Develop and write the chapter on predicted vs actual performance for next-generation green projects.
6. Develop and produce appropriate presentation materials for use by AIA COTE.
7. Assist in writing the final report.

ADVISEMENT

COTE member Lisa Fay Matthiessen, FAIA, will serve as advisor to the fellow (with additional input from other COTE members and network contacts). The student must also have a faculty advisor from his/her university. The advisor will have regular communication with the student fellow to refine the work plan and approach, provide helpful contacts, review progress and work outputs, etc.

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