



## 2017 CTBUH Student Research Competition: Tall Building Performance

2017 Funding Sponsor:



### Award Brief

---

The Council on Tall Buildings and Urban Habitat (CTBUH) is pleased to announce the “Call for Proposals” for its CTBUH 2017 Student Research Competition – culminating with an award of \$20,000 to be recognized at the CTBUH 2017 Conference to be held in Sydney, Australia from October 30 to November 3, 2017. The funding for this competition has been made possible with the kind support of Underwriters Laboratories.

The goal of the 2017 Student Research Competition is to assist talented students, working in groups under the guidance of a professor, to focus on a relevant research question, and create an engaging “output” as a response. Research proposals should directly relate to the 2017 topic of **“tall building performance.”** It is up to the student group to interpret that theme, and outline how their research will address it, including how the funds will be used to support the intended outcome.

The ultimate objective of this award is to give the chance to students of any discipline to immerse, for the first time, in detailed, academic research, under the guidance of a professor, in a topic that the students are particularly interested and invested in.

#### Submission Deadline

Proposals (via the proposal template form, download [here](#)) are due by Friday June 30, 2017 – submitted to [research@ctbuh.org](mailto:research@ctbuh.org). The file submitted and all its attachments should not exceed 5MB.

To express your interest in participating prior to this date, to discuss the suitability of your proposal in more detail or to ask any questions, please also contact: [research@ctbuh.org](mailto:research@ctbuh.org)

#### Award

The award for this competition will be provided by Underwriters Laboratories, in the amount of \$20,000, paid in two installments of \$10,000. CTBUH will facilitate the transfer of funds to the appropriate university or professor involved with this project to support the students in their research activities. Please note: the budget cannot be used to cover costs to attend the CTBUH conference and collect the award, or to disseminate the findings at conferences, symposiums, etc. It needs to be used for the actual research in some way.

#### Key Dates

Competition Formally Launched:	March 29, 2017
Submission Deadline:	June 30, 2017
Judging Period:	July 3 – July 21, 2017
Decision Communicated to Winning Team:	July 25, 2017
Winner Announced at the CTBUH 2017 Conference:	October 30, 2017
Research Project Undertaken:	Late 2017 / Early 2018



## 2017 CTBUH Student Research Competition: Tall Building Performance

2017 Funding Sponsor:



### Proposal Submission Requirements / Submission Template

All applications must be submitted in English. All proposals should include information/details necessary for the jury to understand the research ideas and anticipated outcomes. The award funds are intended to finance the student's research work and may be used to cover all expenses which serve this purpose (including the necessary equipment and material, travel expenses directly related to the research itself, etc.). It may not be used to cover salaries, tuition, or indirect costs of the research, nor be used for dissemination (attending to conferences, publishing papers/books, etc.). CTBUH will assist with dissemination of progress and findings to the international community through its normal channels – publications, website, newsletters, etc.

### Team Submissions

Applications will be accepted from either: a professor of any discipline, on behalf of a planned teaching course or student group (the specific students to be involved may or may not be known at the time of application), or by a group of students, again, of any discipline and possibly multi-disciplinary, that share a common research interest and have contacted an academic professional, to serve as their primary student advisor. The academic professional must represent public or private institutions that can effectively carry out the research (i.e., non-institutional, individual private submissions will not be accepted). Each team can submit only one research proposal. The submitter or team members do not need to be CTBUH members, however, it is expected that the award recipient(s) will become CTBUH members and get involved in the activities of the Council more generally. Team projects may have as many students that are deemed necessary, but must designate one academic professional who will serve also as the communication liaison with the CTBUH.

### Selection Committee & Criteria

The evaluation of proposals will be guided by the expert jury, with guidance from the sponsor. The jury reflects a group of tall building/urban experts from around the world as well as academics and university professors. The CTBUH reserves the right to reject all applications and make no awards.

The criteria for selection include the following broad guidelines:

1. Quality of the proposed research topic objectives, appeal of the topic, and methodology (20 points)
2. Experience and aptitude of the advisor and students to deliver on the project and to produce an interesting output (20 Points)
3. Relevance, novelty, and suitability for the result to be published in the form determined by the submitter (20 Points)
4. Justification of project support expenses for which funds will be used (20 points)
5. Awareness of research limitations and timeline (10 points)
6. Clarity of the written proposal including proper use of grammar (10 points)

**Total (100 points)**



## 2017 CTBUH Student Research Competition: Tall Building Performance

2017 Funding Sponsor:



### Post Award Procedures

The goal of the work under the auspices of the award is to initiate and conduct research in a formal partnership with the CTBUH.

1. The CTBUH expects the award recipient to attend the CTBUH 2017 Conference to collect the award. CTBUH will offer a complimentary Conference Only registration for the academic professional or student of the winning proposal. The award funds should not be used to cover the recipient remaining costs to participate at the event.
2. Following the successful award announcement, the award recipient must facilitate the execution of a signed funding agreement between the academic professional and the Council within 30 days.
3. The actual research must start within a reasonable timeframe from the award, in conjunction with the winning institution's academic schedule.
4. In all announcements, publications, presentations and other outputs in connection with this project, the award recipient should include appropriate reference to the funding provided by the sponsor with the phrasing "with kind support of the Council on Tall Buildings and Urban Habitat and Underwriters Laboratories."
5. The CTBUH expects the home institution of the academic professional (which has, among other things, the necessary experiences of institutional, legal and labor issues) to take on fiduciary responsibility for the administration of the award funds in the name of, and on behalf of, the academic professional, to distribute the funds to the students, as they see fit. For this purpose, an agreement must be concluded between the academic professional and the home institution, and submitted to CTBUH before the award funds are paid.
6. The award recipients will submit full and complete reports to the Council of the findings of the research, including the manner in which the funds are spent and the progress made in accomplishing the purposes of the grant (two reports are necessary – interim and final);
7. The award recipients will keep records of receipts covering all expenditures and supply justification of the complete expenditure to CTBUH for accounting purposes.
8. The award recipient will cooperate with the Council staff on all publicity and media related to the award, its progress and outcomes throughout the duration of the funding and afterwards.
9. The award recipient will repay any amount not used for the purposes of the grant if not expended within 12 months of the award announcement.
10. The CTBUH considers it essential that research results be published. The form in which this research will be published, should be clearly outlined in the submission form.



## 2017 CTBUH Student Research Competition: Tall Building Performance

2017 Funding Sponsor:



### About the CTBUH

The Council on Tall Buildings and Urban Habitat is the world's leading resource for professionals focused on the inception, design, construction, and operation of tall buildings and future cities. Founded in 1969 and headquartered at Chicago's historic [Monroe Building](#), the CTBUH is a not-for-profit organization with an [Asia Headquarters](#) office at Tongji University, Shanghai, a [Research Office](#) at Luav University, Venice, Italy; and a Research & Academic Office at the [Illinois Institute of Technology, Chicago](#). CTBUH facilitates the exchange of the latest knowledge available on tall buildings around the world through [publications](#), [research](#), [events](#), [working groups](#), web resources, and its extensive network of [international representatives](#). The Council's research department is spearheading the investigation of the next generation of tall buildings by aiding original research on sustainability and key development issues. The Council's free database on tall buildings, [The Skyscraper Center](#), is updated daily with detailed information, images, data, and news. The CTBUH also developed the international standards for measuring tall building height and is recognized as the arbiter for bestowing such designations as "[The World's Tallest Building](#)."

### About Underwriters Laboratories

Underwriters Laboratories (UL) is a global independent safety science company with over a century of expertise innovating safety solutions from the public adoption of electricity to new breakthroughs in sustainability, renewable energy and nanotechnology.

Dedicated to promoting safe living and working environments, UL helps safeguard people, products and places in important ways, facilitating trade and providing peace of mind. UL certifies, validates, tests, inspects, audits, and advises and educates. They provide the knowledge and expertise to help navigate growing complexities across the supply chain from compliance and regulatory issues to trade challenges and market access.

UL provides a wide range of services that architects, specifiers and installers can use to enhance their knowledge, resolve problems and provide safe, sustainable, code compliant installations.