



CTBUH 2013 International Research Seed Funding

2013 Funding Sponsor:

ARUP

Award Brief

The Council on Tall Buildings and Urban Habitat (CTBUH) is pleased to announce the 'Call for Proposals' for its 2013 International Research Seed Funding – culminating with an award of \$20,000 to be recognized at the CTBUH 2013 Conference to be held in London, UK from June 11-13, 2013. This seed funding has been made possible with the kind support of ARUP, through the London Conference Gold + Research Seed Funding Sponsorship Package.

The goal of the seed funding is to assist researchers in developing projects/ideas to a level to secure additional, more significant, funding - in conjunction with the CTBUH. Research proposals should directly relate to the tall building typology and/or urban habitat, but can come from any topic/discipline – including but not limited to: architecture, construction, energy issues, energy harvesting, environmental engineering, facades, financial & cost issues, fire & life safety, geo-technics, humanities, infrastructure, interiors, maintenance & cleaning, materials, MEP engineering, policy making, resource management, seismic, social aspects, structural engineering, systems development, urban planning, vertical transportation, wind engineering etc. There are no institutional or geographic restrictions.

Acceptance of the award obligates applicants to develop the research in conjunction with the CTBUH, including taking the research forward for more significant funding/development after the seed funding period, should that be appropriate based on the initial findings of the research.

Submission Deadline

Proposals (via the proposal template form, download [here](#)) are due by March 31st, 2013 - submitted to research@ctbuh.org. 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

Award

Amount: US\$20,000, payable in two equal installments – \$10,000 at initiation and \$10,000 at project completion/delivery of final report.

Key Dates

- **January 2013** – Announcement Formally Launched
- **March 31, 2013** (11:59 PM Chicago Time) – Proposal Submission Deadline
- **June 11, 2013** – Winning proposal recognized during the 2013 London International Conference Dinner

Proposal Submission Requirements / Submission Template

All applications must be submitted in English. Applications should stand on their own merits and not be dependent on other pending research unless that research is currently at an advanced stage, about to complete. All proposals should include information/details necessary for the Research Selection Committee to understand the research ideas and anticipated outcomes. The final proposal should be completed on the provided template form and adhere to the formatting standards contained therein. An additional one page per team member should be submitted outlining the prior research track record / curriculum vitae of the individual, as well as commentary on the institution they represent. In the proposal submitted, text or images from other research or publications should not be utilized without proper citation. All quotations and bibliographic references should be fully documented. The award funds are intended to finance the Award Recipient's scientific work and may be used to cover all expenses which serve this purpose (including the necessary equipment and material, personnel, travel expenses, etc.). It may not be used to cover indirect costs of the institution, nor be used for dissemination. CTBUH will assist



with dissemination of progress and findings to the international community through its normal channels – publications, website, newsletters etc.

Team Submissions

Applicants may be individuals or teams, however applicants must be representing public or private institutions that can effectively carry out rigorous research (i.e. non-institutional, individual private submissions will not be accepted). Each person can submit only one research proposal, either as an individual or as a member of a team. The submitter or team members do not need to be CTBUH members. Team projects may have up to four members and must designate one principal investigator (PI). Individual team members need not be affiliated with the same institution, though the award will be made to – and managed by – one institution. Each team must designate a team coordinator (who may or may not be the PI) who will serve as the communication liaison with the CTBUH.

Selection Committee & Criteria

The CTBUH, with guidance from the sponsor, will form a Research Selection Committee which will reflect a multi-disciplinary group of tall building/urban experts from around the world with established research and publication records as well as tall building experience in varying fields. The evaluation of proposals will be guided by the Research Selection Committee. After a first round of review, a request for additional information may be requested of the applicant(s) that may include a teleconference interview with the Research Selection Committee. The CTBUH reserves the right to reject all applications and make no awards.

The criteria for selection include the following broad guidelines:

1. Relevance, novelty and timeliness of the proposed research (20 Points)
2. Quality of the proposed methodology (20 points)
3. Experience and aptitude of the researcher(s) to deliver the research (20 Points)
4. Use of prior research to inform the project (10 points)
5. Applicability for industrial or commercial use (10 points)
6. Justification of project support expenses for which funds will be used (10 points)
7. Awareness of research limitations (5 points)
8. Clarity of the written proposal including proper use of grammar (5 points)

Total (100 points)

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. 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 ARUP.”
2. The CTBUH expects the home institution of the Award Recipient (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 Award Recipient. For this purpose, an agreement must be concluded between the Award Recipient and the home institution, and submitted to CTBUH before the award funds are paid.
3. Following the successful award announcement, the Award Recipient must facilitate the execution of a signed grant agreement between the home institution and the Council within 30 days;



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4. The actual research must start within 60 days of the initial awards funds transfer;
5. It is expected that the project will be completed in a maximum 9 month timeframe;
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 grant 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 important that research results be published. An obligation of the research award is that the findings be submitted first for consideration for publication in the CTBUH Journal.
11. Acceptance of the award constitutes an agreement to pursue the development of the research jointly with the Council. The agreement provides for the Council to offer its full cooperation in supporting future research efforts including: 1) offering strategic and technical information for developing the research; 2) assisting with locating and developing subsequent funding proposals; and 3) serving as the fiscal agent for research funding obtained jointly. In return, the CTBUH is expected to be acknowledged as a partner on the project, and have provision within the financial budget submitted.

About the CTBUH

The Council on Tall Buildings and Urban Habitat, based at the Illinois Institute of Technology in Chicago, is an international not-for-profit organization supported by architecture, engineering, planning, development, and construction professionals, designed to facilitate exchanges among those involved in all aspects of the planning, design, construction, and operation of tall buildings. The CTBUH is the world's leading body in the field of tall buildings and the recognized source of information on tall buildings internationally. It is the arbiter of the criteria upon which tall building height is measured, and thus the title of "The World's Tallest Building" determined.

About ARUP

Arup is a multinational professional services firm headquartered in London, United Kingdom which provides engineering, design, planning, project management and consulting services for all aspects of the built environment. The firm is present in Africa, the Americas, Australasia, East Asia, Europe and the Middle East, and has over 10,000 staff based in 92 offices across 42 countries. Arup has participated in projects in over 160 countries. In 2007, Arup sponsored the "Drivers of Change" worldwide research project into the future of the built environment. The findings pinpointed over 350 separate, though often linked, issues to build into the research road mapping process and a further six key areas for further research – climate change, energy, water, waste, urbanization and demographic change. Since then, Arup worked hard to embed these in every aspect of its own project management.

<http://www.arup.com>