



MAGEEP Co-Advised PhD Student Program MEMORANDUM OF UNDERSTANDING

The following partner Universities of the McDonnell International Scholars Academy will participate in the MAGEEP Co-Advised PhD Student Program established in August 2015. This program will allow faculty members from two Universities (referred to as primary and secondary) to co-advise and mentor PhD students. The student will enroll in a primary University and will receive his or her degree from a single University, and meet all the requirements of that institution. The faculty at the secondary institution will serve on the student's PhD Thesis Committee. The co-advise PhD student will spend at least 16 weeks at the secondary University. Partner Universities participating in this program will try to raise funds to sustain the MAGEEP Co-Advised PhD Student Program. Additional details are provided in the appended document.

Initiated this day, August 1, 2015:

Bogazici University

Indian Institute of Technology, Bombay

Middle East Technical University

University of Queensland

Washington University in St. Louis

School of Environment, Tsinghua University



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The partner Universities of the McDonnell Academy are collaborating on a range of projects in the areas of energy, environment and sustainability. These collaborations include research projects, faculty and student exchanges, co-development of educational materials, and offering of short courses. Details are available at www.mageep.wustl.edu To facilitate interactions and promote interactions amongst faculty, a co-advised PhD student program is being launched. The following are the features:

- 1) Two faculty members at two different partner universities will establish connections and agree to work on a research project of mutual interest. A database of faculty interests at the various Universities will be developed to help facilitate these interactions. Periodic workshops that are organized by MAGEEP will facilitate establishing connections.
- 2) A Ph.D. student to be co-advised by the two faculty will be recruited by one of them at a primary university through which he/she will receive the degree. The faculty advisor at the other university will be consulted on the selection and agree to work together with the selected PhD student and the primary university faculty mentor.
- 3) The student will meet all requirements of the PhD degree at the primary university. These include taking courses and qualifying examinations and other requirements. Both faculty will serve on the student's PhD Thesis Committee.
- 4) Both faculty co-advisors will mentor the PhD student. The co-advised PhD student will have periodic meetings with both advisors (arranged through SKYPE; in person meetings when faculty travel, at conferences or other modes; and/or other online means).
- 5) In addition to work at the primary institution, the PhD student will spend a minimum of 12 weeks at the partner university and work under the supervision of the co-advisors. The time of this visit will be mutually agreed upon, and will be typically after the 2nd year of PhD enrollment. The student should have passed the qualifying examination and initiated research work at his/her primary institution. The work to be done at the partner university will be part of his / her PhD thesis.



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6) The goal is to have at least one joint refereed journal publication by the student and the two faculty mentors. It is anticipated that several additional joint publications will result from the collaborative work.

7) Financial: To recruit the best possible and high quality student, an appropriate additional sum of monies will be provided to the student. The student will use these funds to cover expenses as deemed appropriate to promote the collaborative activity, including expenses of the visits to the partner university. The co-advised faculty will make arrangements to obtain these funds for the student. To get the program started, funds will initially be used from existing sources such as university funds, research projects, government sources, corporate partners, center projects such as SERIUS and CCCU, and other means. At a later date, a MAGEEP Endowment should be created by the partner universities to sustain this program.