Student Technology Prize for Primary Healthcare (2015-2016)

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Department Deadline: 4/4/2016
External Deadline: 4/18/2016 (pre-proposals due)

Pre-proposal Guidelines: https://apf.partners.org/apfweb/files/student-prize-instructions-for-preproposal
Full Proposal Guidelines: https://apf.partners.org/files/student-prize-full-instructions

"This 8th Annual Student Technology Prize in Primary Healthcare is a unique $400,000 competition for engineering students to encourage and support innovative clinically-relevant, primary-care technology concepts. It is administered under the auspices of the Massachusetts General Hospital's "Ambulatory Practice of the Future" (APF) and sponsored by the Gelfand Family Charitable Trust. The top prize is $150,000."

"This annual national competition is intended to encourage graduate and undergraduate engineering students to direct their creative skills toward the needs of primary care. We seek innovations which have a substantial potential to support improved delivery of this care. These may be technologies, instrumentation, devices, systems, or the like."

"Technologies of particular interest are ones that could improve access to medical care, leverage the skills of caregivers, automate routine tasks, increase workflow efficiency, support patients with chronic disease, increase compliance with care protocols, reduce medical error, or augment the physician-patient relationship. Innovations are sought for use in any setting, not just that of the medical-practice office. The full range of venues of daily living, from home to work to shopping and beyond, present attractive opportunities for innovation, which can enhance the quality and continuity of primary care."

"Students can only submit one application on behalf of their individual or team project. However, there is no limit on the number of applications a university or program can submit."

2016 Awards: 1st Prize: $150,000; 2nd Prize: $100,000; 3rd Prize: $50,000; 10 Finalists: $10,000 each.

For internal university purposes, students must have a faculty mentor who is willing to be the de jure Primary Investigator for the submission and award. (To be processed through the CS department, it must be a CS faculty member; students from other departments should go through their department.)

Please ensure that the following materials are submitted by 5 pm on 4/4/2016 to Colin Robertson (colin@illinois.edu, 2233 SC):

1) Letter of intent (two pages max). All text must be in a readable font (at least Arial 10 point), and margins must be at least 0.7 inches. The letter of intent should include a project description of the following:
   a) A statement of the targeted problem area or opportunity space.
   b) A description of the proposed solution.
   c) A statement briefly indicating their personal goals and contributions to the group project or their mentor's laboratory efforts.
   d) A listing of all collaborators, including students, faculty, and clinicians. Involving clinical collaborators is encouraged. Please include position and institution for each collaborator.

Do not prepare the "Letter of Support from responsible Institutional Official"; the university will prepare this document.