Infectious Diseases, and Low Energy Electronic Systems.

for Environmental Sensing and Modeling, Future Urban Mobility, MIT faculty member: BioSystems and Micromechanics, the Centre

Five IRGs are under the SMART Centre, each headed by a senior

In addition to the IRGs that carry out research, SMART has also set up an Innovation Centre (http://smart.mit.edu/innovation-centre/innovation-centre.html) modeled on MIT’s Deshpande Center but adapted to the culture and practices of Singapore. Its mission is to instill a culture of translational research, entrepreneurship, and technology transfer. Two types of awards are given: Ignition Grants, for very early proof-of-principle development and Innovation Grants, for further proof-of-concept development.

SMART Interdisciplinary Research Groups

The SMART Centre allows researchers from MIT to collaborate

The SMART Centre is MIT’s first research centre outside of

The SMART Centre is also the first entity in the Campus for Research Excellence

The SMART Centre Undergraduate Research Opportunities Programme

The SMART Undergraduate Research Fellowship Programme (SMURF) (http://smart.mit.edu/fellowships/smurf/smurf.html) allows undergraduates from MIT, NTU, and NUS to participate in an MIT faculty member’s research projects at the SMART Centre and interact with students, researchers, and faculty members. Students selected spend a summer at the SMART Centre. Each undergraduate has an MIT faculty member as a mentor/supervisor and the undergraduate has access and use of the faculty’s laboratory and equipment.

Students are paid a competitive stipend; those from MIT also have their travel and accommodation paid for. The aim of the SMART SMURF Programme is to expose undergraduate students to research experiences involving an internationally diverse group of investigators.

SMART Centre Postdoctoral Research Fellows Programme

The highly selective Postdoctoral Research Fellows Programme (http://smart.mit.edu/fellowships/smart-scholars/smart-scholars.html) aims to attract exceptionally talented postdoctoral researchers to Singapore. These awards provide a unique opportunity for recent PhD graduates to participate in the SMART
Centre in Singapore. The awards, to be given annually, are open to those with less than three years postdoctoral experience.

In contrast to typical postdoctoral programmes where the postdoctoral works for a supervisor on a project defined by the supervisor, this programme allows the investigators to conduct research into questions of their own interest. The fellowship recipient is able to conduct research of his/her own choice in Singapore within, but not necessarily tied closely to, a current project in one of the existing SMART IRGs. In addition to a generous stipend each fellow also receives a research grant and travel funds.

For more information about SMART, contact the executive director, John C. Desforge, Room 8-407, 617-452-3014.