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
knowledge-based atmosphere in Singapore.
participating at SMART, these IRGs are helping promote a vibrant
MIT faculty members, postdoctoral fellows, PhD students, and staff
experimental, computational and translational research. With many
industries in Singapore and Asia to perform interdisciplinary,
with their counterparts from universities, research institutes and
The SMART Centre allows researchers from MIT to collaborate
with 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. Three types of awards are given: Ignition
Grants, for very early proof-of-principle development; Innovation
Grants, for further proof-of-concept development; and Explorer
Grants, for student teams.
The Innovation Centre also conducts educational programmes that
team up students from NUS and NTU with students from INSEAD and
Singapore Management University (SMU).

SMART Centre Graduate Fellowship Programme

The Graduate Fellowship Programme (http://smart.mit.edu/
fellowships/sma3-graduate-fellowship/smart-graduate-fellowship.html) is open to currently enrolled first-year students
and entering doctoral students from the Nanyang Technological
University (NTU) and the National University of Singapore (NUS),
Singapore University for Technology and Design (SUTD), and SMU.
Its goal is to attract and retain the best and most talented doctoral
students from Singapore, the region and beyond, giving them the
unique opportunity to be involved in strategic research at the SMART
Centre and to work with faculty members from MIT, NTU, NUS, SUTD,
and SMU.

Students selected for the programme receive up to four years of full
tuition fees at the student’s home university, a monthly stipend, and
a travel grant for a six-month residency at MIT.

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 Interdisciplinary Research Groups

The SMART Centre allows researchers from MIT to collaborate
with their counterparts from universities, research institutes and
industries in Singapore and Asia to perform interdisciplinary,
experimental, computational and translational research. With many
MIT faculty members, postdoctoral fellows, PhD students, and staff
participating at SMART, these IRGs are helping promote a vibrant
knowledge-based atmosphere in Singapore.
Five IRGs are under the SMART Centre, each headed by a senior
MIT faculty member: BioSystems and Micromechanics, the Centre
for Environmental Sensing and Modeling, Future Urban Mobility,
Infectious Diseases, and Low Energy Electronic Systems.
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.