SMART Innovation Centre
Singapore-MIT Alliance for Research and Technology inspired by the Deshpande Center at MIT

Impact Bootcamp:

Entrepreneurship from 'Technology to Impact'.
From Deep Tech / Research to Marketplace.
Based on Propriety methodology of "Adaptive Innovation"™

Delivered by experienced faculty from Massachusetts Institute of Technology, INSEAD and Singapore-MIT Alliance for Research and Technology.

For Professionals Unique Opportunity to be part of Founding Team of Deep Tech Startups.

The SMART ENTREPRENEURSHIP IMPACT BOOTCAMP is an intensive hands-on, action learning experience exclusively designed for Corporate Researchers, AStar and ETPL Researchers / Scientists, Graduate Students and Deep Technology Innovators. It teaches the best practices developed at MIT to take technology from the research / laboratory to the market.

Teams work on real 'live' project and you apply what you learn and make a Pitch at the end of the Bootcamp to a panel of experienced investors and entrepreneurs.

Feedback from the Bootcamp Participants

"Hands-on experience"

"Knowledge of the presenters was excellent and helpful"

SGINNOVATE

A*STAR ETPL

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Insights from Bootcamp attendees;

Biosensorix Pte Ltd
"Get a mentor, Be resilient and Never give up"

Sensornomics Pte Ltd
"I must say that the bootcamp alerted me the importance of understanding the market and the end user alongside with product development. The SMART bootcamp has played a quintessential role in pinpointing our beachhead within a myriad of markets that we were running after. This indeed was a big deal of benefit for us."

AimBiotech Pte Ltd
"There is often a big gap between a technology and the final commercial product. Your first customers may also not be from the segment you initially thought of. The bootcamp will arm you with the knowledge and tools to bridge the gap, and identify the beachhead customer segment."

TipBio Pte Ltd
"The SMART grant support and networking was truly helping me to realize the commercial potential of our technology & it gave us tools & methodologies to build Tip Biosystems Pte Ltd here in Singapore from scratch"

Attonics Pte Ltd
"The bootcamp clearly facilitated our transition from the research lab to a commercial startup. The material shared in class and the hands on working approach with the mentors was very useful and helped us strategizing our plan and goals."

Bootcamp registration is on first come first serve basis.

****You can bring your own technology / project and work on it as a team, to take fullest advantage of Impact Bootcamp, its faculty & mentors.****

To register your participation for this Bootcamp (& future BootCamp) please register via email to ***candy@smart.mit.edu*** and immediately.

First Name:	Family Name:
Cell Phone No:	Email:
Company / Institute:	Designation:
Company Pay: Yes / No.	Self-Pay: Yes / No.

Thank you for your submission, we will confirm your registration via an email.

** Terms and Conditions apply**

July 2017 Impact Bootcamps dates are:

21st July, 22nd July, 29th July, 02nd Aug and 11th Aug. (Subject to confirmation)

Impact Bootcamps are delivered by experienced faculty from Massachusetts Institute of Technology, INSEAD and Singapore-MIT Alliance for Research and Technology.

These are based on Propriety methodology of "Adaptive Innovation"™ (http://smart.mit.edu/), we practice & apply proven methodology of MIT's Deshpande Center for Technological Innovation (https://innovation.mit.edu/resource/deshpande-center/) & support deep science / technologies to impact.

Core Faculty

PROFESSOR CHARLES L. COONEY
Department of Chemical Engineering
Massachusetts Institute of Technology

Charles L. Cooney, the Robert T. Haslam (1911) Professor of Chemical and Biochemical Engineering, Emeritus in the Department of Chemical Engineering is also the Founding Faculty Director, Emeritus of the Deshpande Center for Technological Innovation. He received his Bachelor's degree in Chemical Engineering from the University of Pennsylvania, Master's and Ph.D. degrees in Biochemical Engineering from MIT. After a short post-doctoral time at the Squibb Institute for Medical Research in 1970, he joined the MIT faculty as an Assistant Professor in 1970 and became a full Professor in 1982. He serves as a consultant to a number of biotech and pharmaceutical companies, and, sits on the Boards of Directors of Pronutria Bioscience, Mitra Biotech, Levitronix, Just Biotherapeutics, Innovent (China), snEvolv, and GreenLight Bioscience He chaired the FDA Advisory Committee for Pharmaceutical Science from 2004-2006. Prof. Cooney's research and teaching interests span a range of topics in biochemical engineering and pharmaceutical manufacturing. He has published over 250 research papers, over 25 patents and co-authored or edited 5 books including *Development of Sustainable Bioprocesses: Modeling and Assessment, Wiley* Press 2006. He research interest include manufacturing in the pharmaceutical, biotech and bioprocess industries, as well as bioprocess design, operation and control, and technological innovation strategy. His teaching has focused on bioprocessing, drug development and technological innovation. As founding faculty director of the Deshpande Center he is interested in the process of stimulating technological innovation and translating innovation into new company creation. In addition to his professional interests, Prof. Cooney is a Trustee Emeriti of Boston Ballet, and an Overseer of the Boston Symphony Orchestra, Other interests include rock climbing, skiing, high altitude mountaineering (with assents of Denali, Ama Dablam, Mont Blanc, Kilimanjaro, Huascaran), scuba diving and antique map collecting.

VIRGINIA CHA
Adjunct Professor
INSEAD

Virginia is an active researcher, educator, mentor, and angel investor in Singapore's entrepreneur ecosystem after 32 years of executive management in technology companies. In her multi-faceted industry career which spanned multiple countries, Virginia was the chief technology geek at a U.S. multinational technology company, the first technology transfer officer (infocomm) for the Republic of Singapore, co- founder and CEO of multiple venture-funded, hi-tech companies in Singapore and China with successful exits on NASDAQ and HKSE, chief representative of private equity fund with holdings in China-based technology ventures and science park property interests, founder and executive chair of self-funded companies in China in health and fitness, investment consulting, science park development, and digital smart home so lution. Since earning her PhD in Innovation from the National University of Singapore in 2011, Virginia is an active educator and mentor in entrepreneurship at multiple institutions in Singapore. In addition, she is an active angel investor to early stage technology startups and is a featured speaker at numerous startup events in Singapore. Virginia's current technology entrepreneurship research interest include: adaptive manufacturing (3D Printing), growth hacking, and next generation e-commerce. Virginia's book Asia's Entrepreneurs Dilemmas, Risks and Opportunities (Routledge), published in 2013, is a "must read for those interested in knowing a slice of Singapore's recent entrepreneurial history." In addition to her professional interests, Virginia's main passion is in wuxia novels and is an avid fan of Louis Cha's novels. Virginia's undergraduate degree is B.S. in Information Computer Science from the University of Hawaii. She started her career as an operating systems programmer at Burroughs Corporation in the U.S. in 1980. She has lived and worked in Bangkok, Beijing, Hong Kong, and Shanghai, Singapore, in addition to California, Hawaii and North Carolina in the U.S.A.

HOWARD CALIFANO
Director, Innovation Centre
Singapore-MIT Alliance for Research Centre

Howard leads and manages the overall operation of the Innovation Centre. He brings experience from the academic, industry and financial sectors focused on developing businesses around emerging technology. He has founded, held executive management positions, acted as Member of the Board of Directors and CEO of multiple companies in the United States and Asia. He was Consulting Director of Bio*One Capital Pte Ltd and acted as the interim CEO of several of their portfolio companies. Howard was the CEO of Johns Hopkins Singapore and The Johns Hopkins-NUH International Medical Centre. At Johns Hopkins Singapore, he led and managed a team of 80 researchers, physicians, administrators and staff, to establish a Center of Excellence in research, education and patient care. From 1995 to 1999, Howard was Assistant Dean of The Johns Hopkins University, School of Medicine, where he was responsible for its business development activities, including the Office of Technology Licensing which is tasked to commercialize all medical discoveries originating at Hopkins. He holds a Bachelor of Science in Electrical Engineering from Cornell University and a Juris Doctorate from University of Maryland

UDay
Mentor in Residence, Innovation Centre
Singapore-MIT Alliance for Research Centre

UDay has over 30 years of experience in diverse industries such as Oil & Gas, FMCG / Distribution, Branded Retail / Fashion and has held Senior Management (Global and Regional) roles.
His experiences span from MNCs to Family owned businesses to Private Equity / Venture Capital both in structured & unstructured environment. He has worked in multiple geographies; Asia Pacific (Japan, Taiwan, Hong Kong, Singapore), Middle East (Saudi, UAE, Oman), Europe (Netherlands).
His current angel investment portfolio among others includes Education, Green Energy, IoT, Gaming and Indoor fitness Technology. He is active in Private Equity and Venture capital industry and leads creation and optimization of shareholders' value by supporting, mentoring and coaching the management team of the companies. He has mentored & worked with businesses & teams at various stages of startups. He brings an invaluable insight to the founders of startups & in nurturing the businesses at various stages of 'business life cycle'.
He is Entrepreneur-in-Residence at INSEAD:http://centres.insead.edu/entrepreneurship/entrepreneurs-in-residence/uday.pdf and Mentor in Residence at Singapore-MIT Alliance for Research and Technology (http://smart.mit.edu). He is Singaporean based in Singapore with his family.