



LOCAL
TAU

INTRODUCTION

LocalTAU is a young leaders program within American Friends of Tel Aviv University that offers engaged, passionate leaders the opportunity to help their local communities. LocalTAU identifies and supports the most innovative solutions from world-renown research at Tel Aviv University (TAU) through a yearly pitch competition. The platform offers researchers at TAU, as well as local governments and academic institutions, the resources to translate new research and technological development into impact-making innovations, catalyze partnerships that address significant public needs.

GOALS

- (1) Identify and support University-sponsored research and technologies that have the potential for accelerated implementation based on public need;
- (2) Support prior or current TAU partnerships with local governments, research institutions and non-profit organizations to undertake proof-of-concept work, including the development of technology prototypes;
- (3) Promote sustainable partnerships among Tel Aviv University, local academic institutions, industry, and other organizations in the public and private sector to accelerate tech transfer;
- (4) Develop multi-disciplinary innovation ecosystems that involve and are responsive to the specific needs of local communities;
- (5) Catalyze professional development activities, mentoring and best practices in entrepreneurship and technology translation for faculty, students and researchers; and
- (6) Expand the participation of women and individuals from underrepresented groups in innovation translation, philanthropy and social entrepreneurship.

LOCALTAU MISSION

Locals partnering with Tel Aviv University to address local issues, through research, innovation, and action.

SYNOPSIS OF PROGRAM

The LocalTAU Pitch Competition is a Tel Aviv University event hosted in coordination with American Friends of Tel Aviv University, where TAU students and professors pitch their solution ideas for a topic affecting the greater Miami area chosen by LocalTAU leaders who financially support and raise dollars for the annual prize. The projects are judged by a hybrid panel of social enterprise professionals,

community leaders and social impact VC from the local community and Tel Aviv. The winning team will receive grant money and mentoring through various affiliated networks to advance implementation of the LocalTAU project. Pitches will be judged on model scalability and quantified social impact measures.

PITCH COMPETITION TOPIC 2018-2019

In subtropical South Florida, the Everglades and the Biscayne Bay Aquatic Preserve play a key role in shaping the urban environment. In Miami, the Everglades protect the natural aquifer that supplies fresh water to the 2.8 million people living in Miami-Dade County. Biscayne Bay Aquatic Preserve is integrated into the community's way of life, it provides nursery grounds and vital habitat to marine animals and recreational benefits to the Miami's residents and visitors. Stormwater runoff throughout Miami-Dade County is discharged into Biscayne Bay. In order to better protect this natural resource, Miami is looking for solutions to provide higher levels of stormwater treatment that is cost effective and sustainable.

The Problem: How can we treat stormwater runoff in a way that is sustainable (low-energy use), as well as cost effective in a dense urban city adjacent to a sensitive aquatic ecosystem?

PITCH COMPETITION FACULTY ADVISOR 2018-2019

Prof. Colin Price was born in Johannesburg; and moved to Israel in 1982. Professor Price is a researcher and lecturer in Atmospheric Sciences in the School of Geosciences at Tel Aviv University. At the moment he is also Head of the Porter School of Environmental Studies. He earned his BSc and MSc from TAU and his PhD from Columbia University. Dr. Price did his postdoctoral work at the Lawrence Livermore National Laboratory in California. He studies global lightning activity and the connections between lightning activity and the Earth's climate.

ELIGIBILITY REQUIREMENTS

- Proposals may only be submitted by an individual or team of TAU undergraduate, graduate or professors.
- Students must be currently enrolled in a TAU degree-programs;
- Students may only withdraw for one semester for the duration of project funding;
- The competition is open to all fields. Multidisciplinary approaches are encouraged.

Who May Serve as Principal Investigator:

- Applicants must have the technical skills required to execute the proposed research project.
- Lineage Requirement: The pitch competition has a lineage requirement under one or two of the following paths:
 - (1) Through TAU-supported research results, or
 - (2) If participant is not from a scientific field, the student must receive the pre-approval from one of the Pitch Competition Faculty Advisors from the school or center most closely affiliated with the topic.

AWARD INFORMATION

- Anticipated Type of Award: Standard Grant

Estimated Award Amount: LocalTAU board members will provide seed funding for the current grant year in the amount of \$20,000. The total award is subject to additional funds secured by LocalTAU from donors and public and private partnerships.

- Estimated Number of Awards: The budget for for proposal is for seed funding per award year.

TAU PAST PARTNERSHIPS AND COLLABORATIONS IN THE U.S.

- Broadcom Foundation - EMEA Student Research Workshop For Brain Inspired Computing & Technologies
- Koret Foundation Tel Aviv University Bay Area Collaborative Initiative
 - § TAU-Berkeley Partnership in Bioinformatics and Computational Biology
 - § TAU-Stanford Partnership in Smart Cities and Digital Living
- TAU-Discovery Partners Institute – University of Illinois
- TAU-Notre Dame Partnership for academic cooperation in research and education
- Sackler School of Medicine New York State/American Program
- TAU-University of Wisconsin Debra and Richard Sincere Tel Aviv University Project in Middle Eastern Studies
- The MIT-Israel Program for collaborative scientific research
- Kellogg-Recanati International Executive MBA (Northwestern-TAU)

NON-PROFIT STRUCTURE

LocalTAU is operated under the auspices of American Friends of Tel Aviv University (AFTAU), a 501c3 tax-exempt nonprofit organization in the United States. A copy of the official registration and financial information may be obtained from the Division of Consumer Services by calling toll-free (1-800-435-7352) within the state of Florida. Registration does not imply endorsement, approval or recommendation by the state. Registration #: CH8999

