



DRAFT
City of Fort Lauderdale
ECONOMIC DEVELOPMENT ADVISORY BOARD
January 13, 2021, 3:00 PM
Virtual Meeting Minutes

<u>Board Members</u>	<u>Attendance</u>	<u>Present</u>	<u>Absent</u>
Jordan Yates, Chair	P	1	0
Nicholas Kuchova, Vice Chair	A	0	1
Jay Adams	A	0	1
Michael Buonaiuto	P	1	0
Dudly Etienne-Harvard	P	1	0
David Neal	P	1	0
Brett Rose	A	0	1
Michael Stara	P	1	0

Staff

Daphne Sainvil, Liaison, Governmental and External Affairs Manager
Suzy Joseph, Economic Development Representative
Krystal Permanan, Economic Development Representative (not present)

Communications to the City Commission

None.

I. Call to Order & Determination of Quorum

Mrs. Joseph called the meeting to order at 3:15 p.m. Roll was called, and it was noted a quorum was not present.

Quorum was called at 3:55 p.m.

II. Approval of the December 9, 2020 Meeting Minutes

Motion made by Mr. Stara, seconded by Mr. Buonaiuto, to approve. In a voice vote, the **motion** passed unanimously.

III. Old Business- SWOT Analysis Discussion

SWOT Analysis discussion could not be discussed due to the incomplete submissions from the board. The discussion will be revisited once all SWOT Analysis has been submitted and the entire board is present.

IV. New Business – Advisory Board Training/Refresher

Ms. Sainvil provided the board with a brief presentation of the Advisory Board Guide which will be conducted by the Clerk's Office and City Attorney in March. Reiterating certain points that she thought was important for the board.

She defined the purpose of the Advisory Board; she went into details about the EDAB's role and asking the board how they would like to define what it means to support cultural activities in the scope of economic development.

Mr. Stara referenced that one of the objectives of the board was to get the count from the different consulates from the different countries to meet in a less formal environment.

Ms. Sainvil agreed with Mr. Stara's response and referenced Black History, Hispanic Heritage to conversation and asked how those cultural activities can be tied to economic development.

Mr. Neal stated it can get tricky due to the core purpose of the board and depending on the board's core competencies those cultural activities can be cultivated by the economic development activities.

Mr. Stara advised that the advisory board on the potential economic effect of various cultural activities that the city might entertain.

Mr. Neal responded with the idea of having a parade that supports economic development initiative.

Ms. Etienne-Harvard related how marketing the diversity of City of Fort Lauderdale will portray the different nationalities that are in the City. She made a comparison to how Miami markets to their business community. She continued with the City having the ability to illustrate the number of Hispanics, African Americans, Germans that does business in the City.

Mr. Neal suggested adding Sister Cities

Mr. Stara suggested including the word diversity somewhere in the objective

Ms. Etienne-Harvard responded stating that Miami is more diverse with how they market their business community compared to Fort Lauderdale. She expressed that Miami markets to every race and it easily reflects the diversity of the City of Miami. Fort Lauderdale should advertise the diversity.

Ms. Sainvil agreed to provide everyone with a draft statement, formulate a couple of sentences that will be reviewed by City Attorneys.

Ms. Sainvil encouraged the board members to go to their Commissioner to get an understanding of their view on economic development business growth, so that the board would get a consensus on the City's economic development goals.

Ms. Sainvil continued with her presentation elaborating on the Sunshine Law and meetings, absences, conflict of interest and communications.

Ms. Sainvil disclosed the the fines that can be assessed for violating the Sunshine Law, the rules and penalties on meeting and discussing Advisory Board topics or discussions with other member(s) outside the regular meetings. Ms. Sainvil clarified the criteria of an absence. She continued with discussing Conflict of Interest and the importance of a board or committee member refraining from serving on a board or committee and doing business with the city at the same time, which she affirmed has happened a couple of times (or at least the appearance of). Ms. Sainvil stated the proper way to communicate with the board. She noted that speaking on the behalf one's board or committee, you cannot speak on behalf of the board unless the entire board has voted on the designated spokesperson. A board member can receive emails, but they cannot reply to the email. Ms. Sainvil emphasize not using Suzy Joseph or herself as a conduit to reply to everybody's email. Otherwise, it's a violation of the Sunshine Law, unless it's distribution of a community event.

Chair Yates joins the meeting at 3:45 pm

Chair Yates responded by saying it's important to understand the nuances if the board has any questions.

Ms. Sainvil gave the example that if she served on the Junior Achievement board and decided to support the 3D program for Junior Achievement of South Florida, and Chair Yates wanted the entire EDAB to support it, he would need to provide a correspondence to the City Commission to support it after an affirmative vote of the EDAB. She stated that if Mr. Yates served as a board member on Junior Achievement and wanted to bring it to the EDAB for support, then get the City Commission to support, it would be considered a conflict of interest because he has vested interest. Instead, Chair Yates can go to his nominating Commissioner and advise them that he serves on the Junior Achievement board and he would like him/her to support from the Commissioner at a scheduled City Commission meeting. If that happens, the Commissioner will put it as an agenda item and say, "I was presented with this. I think it's a great program. We need to support it."

Ms. Sainvil also mentioned the board member has the option to have one-on-one communication as a citizen, not on official EDAB member-business to ask the Commissioner to support something not yet approved by the EDAB.

There was some conversation to clear up confusion some examples may have caused.

Ms. Sainvil also updated the board on activities that the ECI Division has taken. She mentioned the efforts of a pharmaceutical company that is expanding, the commencement of the BEAMs program and the preliminary courses. M2M initiative, marketing the Florida Israel Business Accelerator and providing more marketing resources, as well as, ECI joining Twitter and social media platforms.

V. Next Meeting: March 10, 2021 (Agenda to be distributed at a later date).

VI. Adjournment

The next virtual EDAB meeting will be March 10, 2021.

There being no further business to come before the Board at this time, the meeting was adjourned at 4:50 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

M2M

MISSION TO MARKET



CITY OF FORT LAUDERDALE

ECONOMIC DEVELOPMENT ADVISORY BOARD MEETING

FEB. 10, 2021

DOE
Intellectual
Property

M2M
Incubator
Programs

M2M
Tech Fest

M2M
Tech Venture
Courses

M2M
SBIR/STTR &
CRADA
Program

MORE INFO
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<https://M2M.FIU.edu>
<https://youtu.be/3j9tW7DlxSY>

StartUP **FIU**



U.S. DEPARTMENT OF
ENERGY

M2M

MISSION TO MARKET

FIU

Applied Research
Center



CITY OF FORT LAUDERDALE

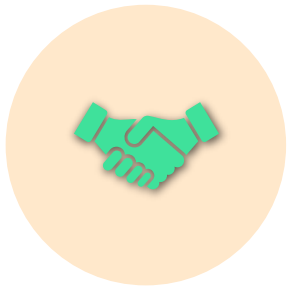
Agenda



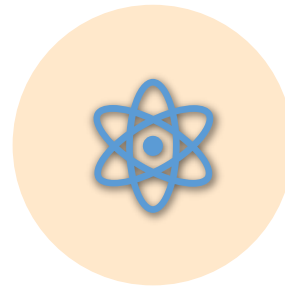
ARC Research Programs



MISSION-TO-MARKET



Industry Partnership
Strategy



**TECH FEST-OPEN
HOUSE**

Research Programs



DOE-FIU Cooperative Agreement

- Rad. Waste Treat & Disp.
- Soil & GW Contaminant Fate & Transport
- Robotics (Nuclear Apps.)
- Decon. & Decomm. (D&D)
- Artificial Intelligence & Big Data
- STEM Workforce Development & Training (DOE Fellows)



US Department of Defense

- Cyber Threat Automation and Monitoring (CTAM)
- Artificial Intelligence & Cybersecurity
- STEM Workforce Development (Cyber Fellows)



ONR Code 35 Naval Air Warfare and Weapons

Sea-based Aviation:
Structures & Materials
Industry Participation:
3M, Boeing, Exponent



Interdisciplinary Nuclear Research (INR) Program

- Radiochemistry/Nuclear Chemistry
- Health Physics/ Medical Physics
- Nuclear Physics

ARC's Collaborative Research Programs



Applied
Research
Center



INL
Idaho National Laboratory

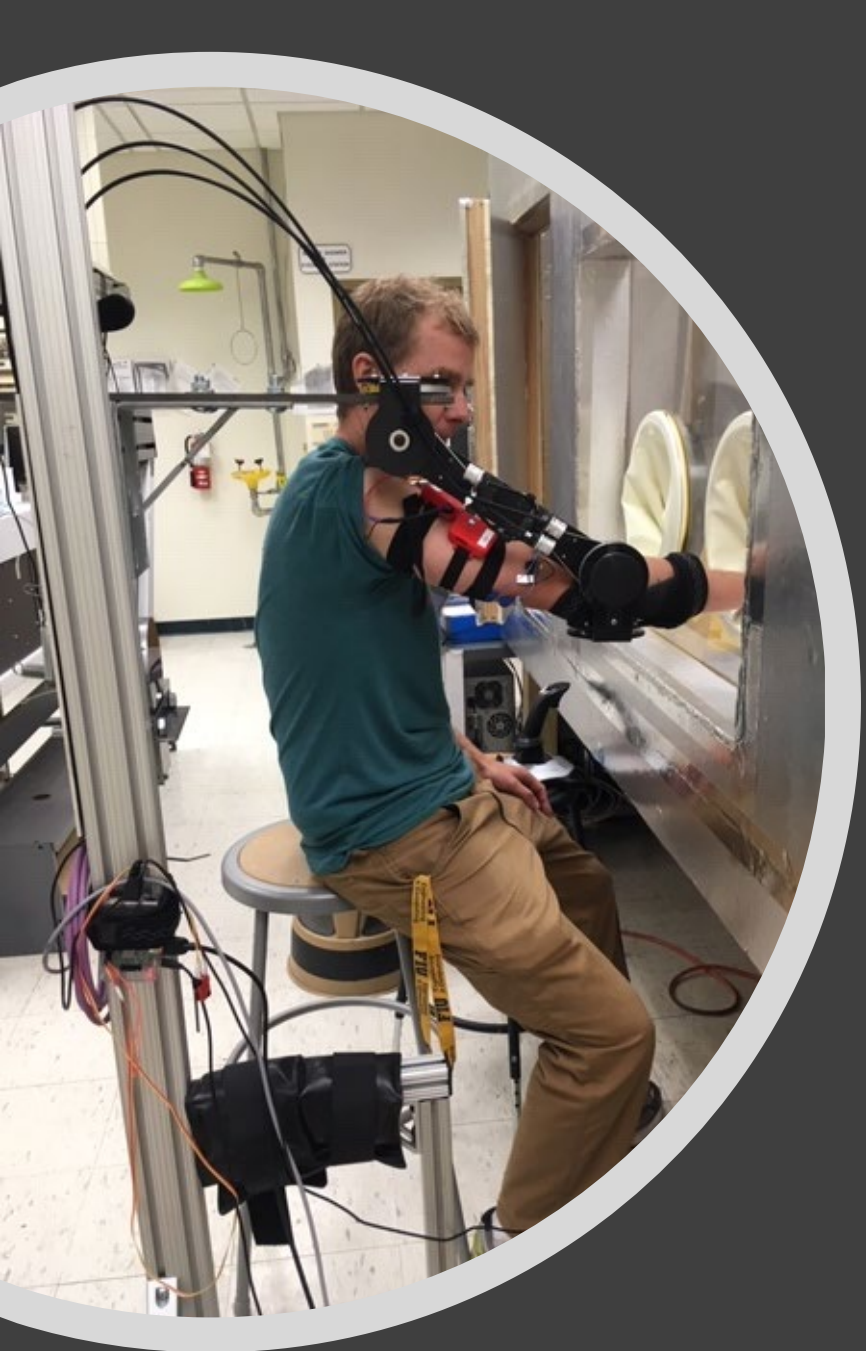
SRNL
SAVANNAH RIVER NATIONAL LABORATORY

GLOVE BOX OPERATION

ROBOTIC MANIPULATOR

Quantify human fatigue during glove box operations and to evaluate the feasibility of a dexterous robotic manipulator for use in glove boxes and hot cells





Robotic Exoskeleton Developed
at FIU- ARC for Gloveboxes



Applied
Research
Center



AUTONOMOUS RADIATION MAPPING AND QUANTIFICATION

DEACTIVATION AND DECOMMISSIONING



Stereo Camera

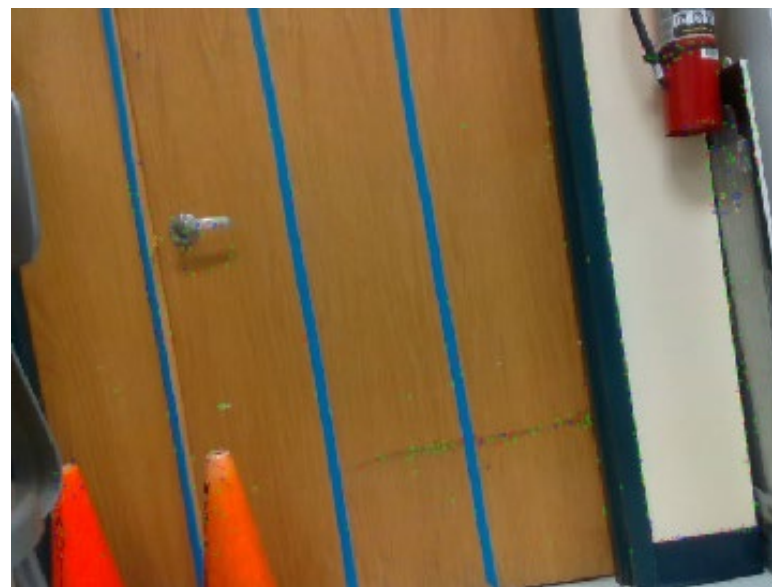
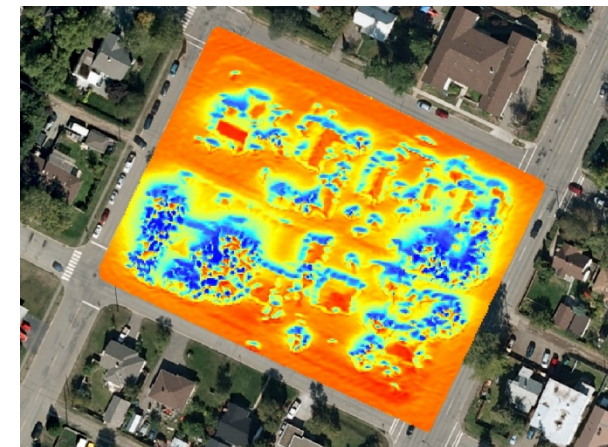


3D LiDAR

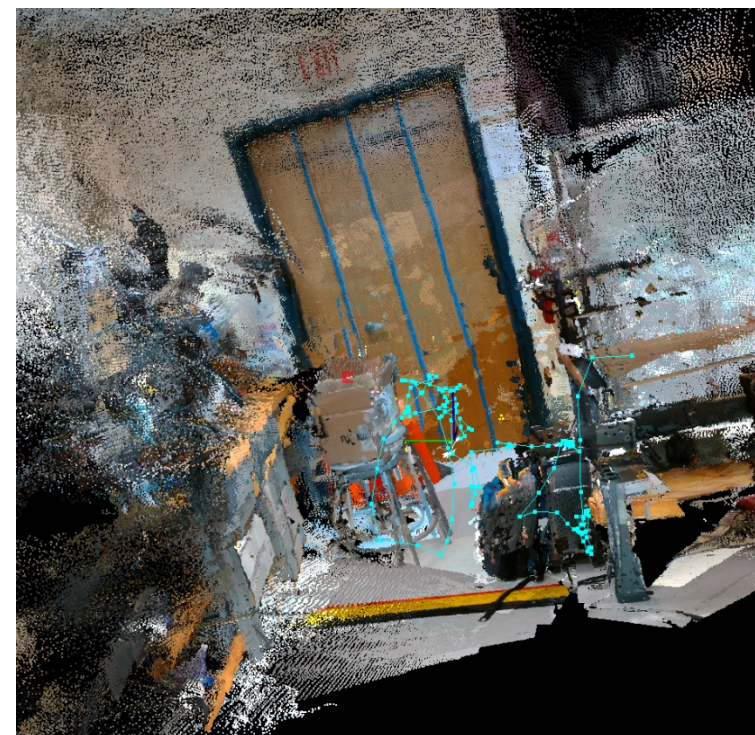


Radiation Detector

- Three-Dimensional Mapping
- Radiation Detection and modeling into a continuous stochastic distribution model
- Rapid Radiation Source Localization via Adaptive Sampling



FIU Applied Robotics Lab



ABOUT M2M

MISSION STATEMENT

The M2M initiative seeks to tap the trillions of dollars of underutilized **patented technologies** developed by **U.S. Department of Energy and Labs**, other Federal Agencies, and universities, and industry in order to foster **economic development** in South Florida and beyond. Modeled after insights gained from the Military-Industrial complex during the Cold War era, Silicon Valley, and inclusive economic development strategies, the **mission of FIU's M2M Initiative is to inclusively grow South Florida's innovation economy and beyond.**

M2M
MISSION TO MARKET



U.S. DEPARTMENT OF
ENERGY

5 Year Sponsorship

FIU
Applied Research
Center

M2M MISSION AREAS

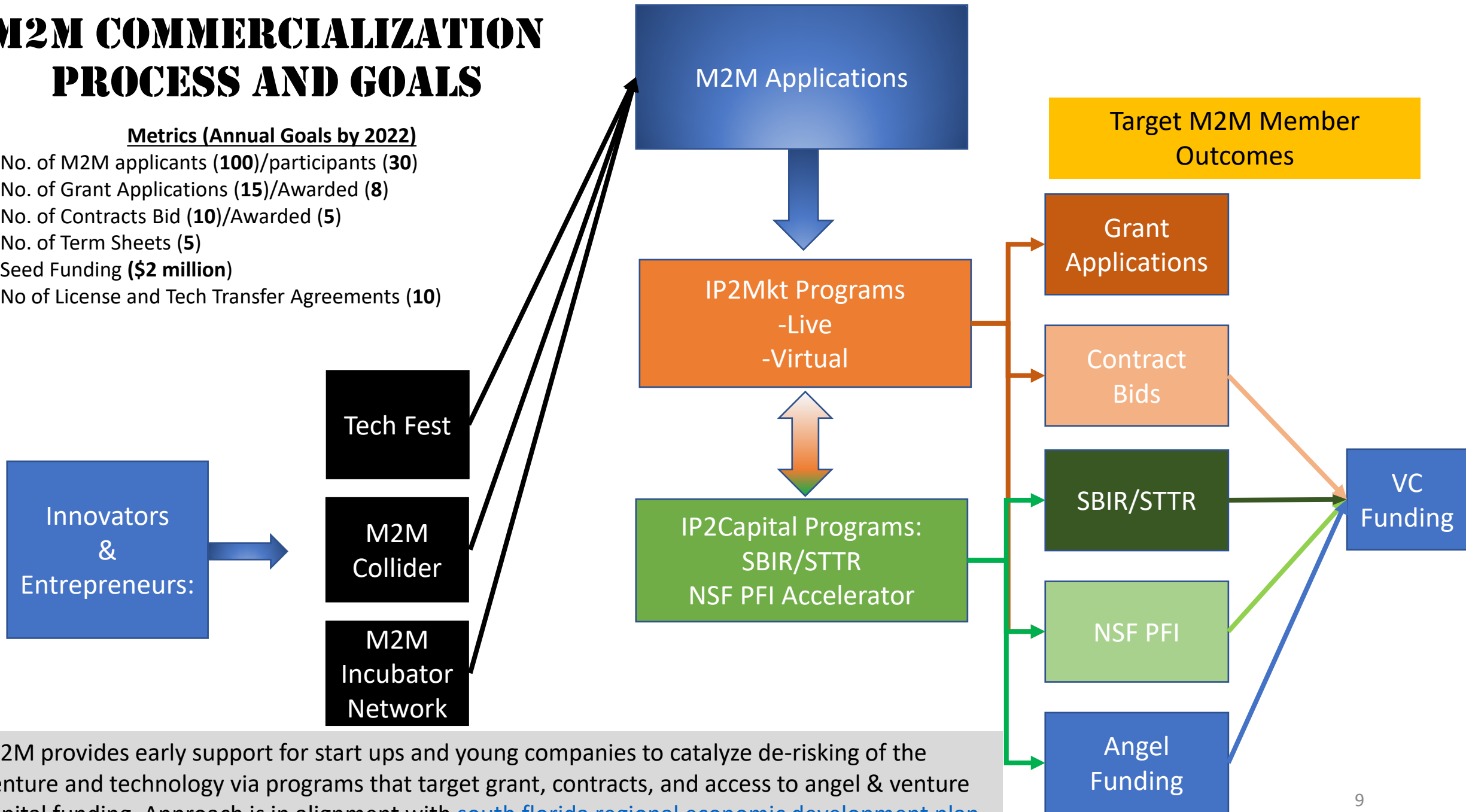
The M2M Initiative has four goal areas:

- 1) Science, Technology, Engineering, and Mathematics (STEM) Entrepreneurial Workforce Development;
- 2) Innovation Ecosystem Development;
- 3) Business Incubator and Accelerator Network; and
- 4) Technology Transfer & Commercialization.

M2M COMMERCIALIZATION PROCESS AND GOALS

Metrics (Annual Goals by 2022)

- No. of M2M applicants (**100**)/participants (**30**)
- No. of Grant Applications (**15**)/Awarded (**8**)
- No. of Contracts Bid (**10**)/Awarded (**5**)
- No. of Term Sheets (**5**)
- Seed Funding (**\$2 million**)
- No of License and Tech Transfer Agreements (**10**)



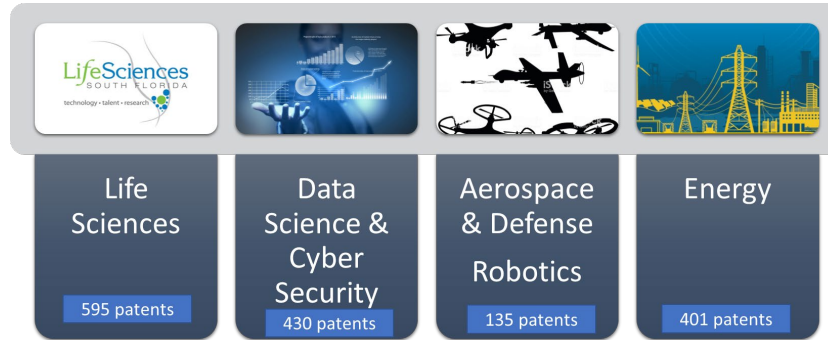
M2M provides early support for start ups and young companies to catalyze de-risking of the venture and technology via programs that target grant, contracts, and access to angel & venture capital funding. Approach is in alignment with [south florida regional economic development plan](#).

M2M RESULTS TO DATE

23 Innovators Served



15 Entrepreneurs Incubated

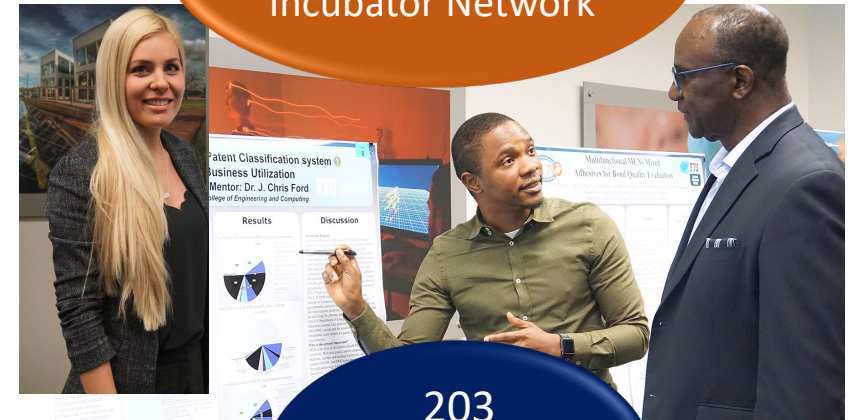


1560 DOE patents curated

- M2M Business Incubator and Accelerator Network created with application process.
- \$2.5 million in revenue generated by incubated companies within 12 months.
- 10 jobs created or retained
- 2 License Agreements
- Tech Fest Event Model (2019, 2020, 2021 planned)
- Virtual Incubator and Venture Capital Readiness Program Pilot** will launch Summer 2021
- 2 SBIR/STTR Proposals in process
- 1 Industry Partnered Proposal in process



Partnerships for Regional Business Incubator Network



203 Students Trained

M2M

MISSION TO MARKET

INDUSTRY PARTNERSHIP STRATEGY



Workforce Development



Gap Fund



SBIR Initiative



Tech Fest-Open House

SMALL BUSINESS INNOVATION RESEARCH (SBIR) FACTS



Phase I: \$150,000+ Phase II:
\$1,000,000+

**20% Application
Success Rate**

**Increases Success Rate
and Sustainability**



Large Business Match



Universities Partnership

**60% Phase 1
50% Phase II**

**1 year SBIR of awards
impacts 10 years of
economic growth**



Regional Economic Growth

M2M

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TECH FEST OPEN HOUSE

TECHNOLOGY

Fall 2021

- Virtual Facility Tours:
- Government Agency Sessions
- Tech Pitches
- Investor Shark Tank
- Virtual Networking
- Sponsorship Opportunities

COMMUNITY

CAPITAL

TALENT

Fed & FIU
Technologies



Connections
Innovation
Ecosystem



M2M
Programs

StartUP FIU



SBIR · STTR
America's Seed Fund
Powered by SBA



FIU | Engineering
& Computing
FLORIDA INTERNATIONAL UNIVERSITY

FIU

Applied Research
Center

Areas to Collaborate



Business Outreach



Collaboration on Funding Opportunities



Tech Fest and Events

M2M
MISSION TO MARKET

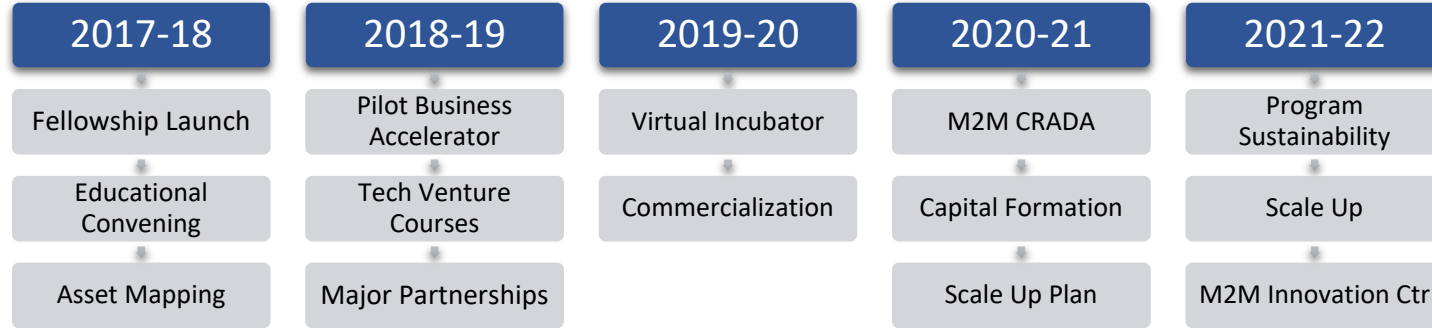
J. Chris Ford, PhD
jaford@fiu.edu
<https://M2M.FIU.edu>
Cell: 404.431.4102

Additional Slide

M2M Development Plan

M2M DEVELOPMENT PLAN

Innovation Ecosystem Development



Tech Transfer:

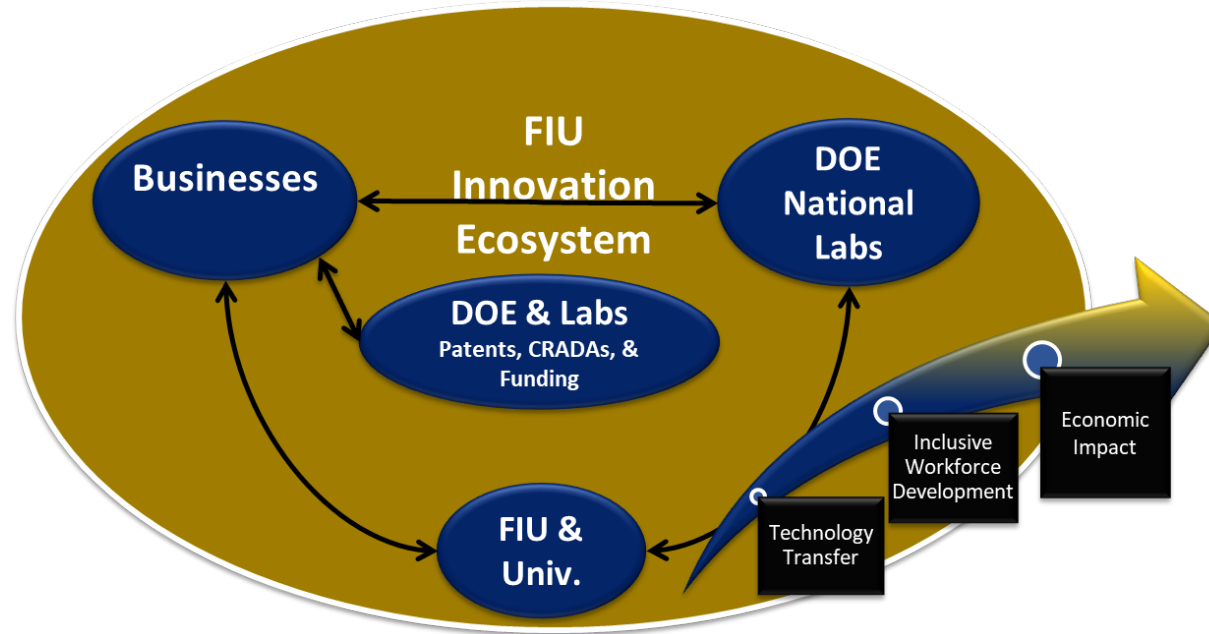
- *Intellectual Property Agreements with DOE Labs*
- *Technical-economic risk reduction.*
- *Inclusive Acceleration Programs with FIU and businesses*

Economic Impact:

- *Inclusive development of small and medium sized businesses.*
- *Job creation from FIU-DOE innovation ecosystem*
- *South Florida Impact*
- *Minority Communities including Opportunity Zones*

Inclusive Workforce Development:

- *Leverage FIU Institutional Capacity & Expertise*
- *Cultivate Technical and Entrepreneurial Talent for innovation economy*



By 2023, the M2M is on target to be sustainable via grants and applied research contracts, investment activities, and royalties from intellectual property activities.