

UCF College of Engineering and Computer Science
Dean's Advisory Board (DAB) Agenda
Saturday, April 23, 2022
8:00 am – 2:00 pm EST
UCF Down-Town Campus, ROOM DPAC 106A
In-Person and Virtual (Please see Invitation for Active Zoom Link)

7:55 a.m. – 8:25 a.m.

Breakfast and Networking
All Participants

8:25 a.m. – 8:30 a.m.

Welcome
Dan Schiappa, DAB Chair

8:30 a.m. – 8:55 a.m.

Strategic Investment Initiative (SIP) Proposal
Title: Leading the Transformation to Zero-Carbon Economy and Society, A Resilient Zero-Emission Microgrid, Digital Twins, and Hydrogen-Based Energy Systems
Presenter(s): Jay Kapat
10 Minutes Presentation, 15 Minutes Discussion

8:55 a.m. – 9:20 a.m.

Strategic Investment Initiative (SIP) Proposal
Title: Establishing UCF as an Anchor Institution for Research and Education in Advanced Semiconductor Technologies and Nanofabrication
Presenter(s): Sasan Fathpour
10 Minutes Presentation, 15 Minutes Discussion

9:20 a.m. – 9:45 a.m.

Title: FinTech
Presenter(s): Paul Jarley
10 Minutes Presentation, 15 Minutes Discussion

9:45 a.m. – 10:10 a.m.

Strategic Investment Initiative (SIP) Proposal
Title: Artificial Intelligence Center
Presenter(s): Mubarak Shah
10 Minutes Presentation, 15 Minutes Discussion

10:10 a.m. – 10:40 a.m.

BREAK
All Participants

10:40 a.m. – 11:05 a.m.

Strategic Investment Initiative (SIP) Proposal
Title: Infectious Disease and Travel Health Initiative
Presenter(s): Griffith Parks
10 Minutes Presentation, 15 Minutes Discussion

11:05 a.m. – 11:25 a.m.

Title: NAC-NAPC (North America Competition – North America Programming Camp)
Presenter(s): Bev Seay, Michael Georgiopoulos

5 Minutes Presentation, 15 Minutes Discussion

11:25 a.m. – 11:50 a.m.

Strategic Investment Initiative (SIP) Proposal

Title: Knight's Digital Twin

Presenter(s): Grace Bochenek, Carolina Cruz-Neira

10 Minutes Presentation, 15 Minutes Discussion

11:50 a.m. -12:35 p.m.

LUNCH

GEMS/WISE Students present at lunch: Jazmine Manriquez (Industrial), Tatianna Gary (Aerospace), Oma Persaud (Mechanical), Bailey Glidden (Civil)

All Participants

12:35 p.m. – 1:00 p.m.

Strategic Investment Initiative (SIP) Proposal

Title: Leading the Transformation to Zero-Carbon Economy and Society; A Resilient Microgrid with Zero-Emission Energy Generation, Renewables, Digital Twins and Hydrogen-Based Energy Systems

Presenter(s): Aleksandar Dimitrovski

10 Minutes Presentation, 15 Minutes Discussion

1:00 p.m. – 1:25 p.m.

Title: Women in STEM

Presenter(s): Melissa Dagley

GEMS and WISE Women Intros: Jazmine Manriquez (Industrial), Tatianna Gary (Aerospace), Oma Persaud (Mechanical), Bailey Glidden (Civil)

15 Minutes Presentation/Intros, 10 Minutes Questions, Discussion

1:25 p.m. – 1:50 p.m.

Strategic Investment Initiative (SIP) Proposal

Title: The Space and Planetary Instrumentation, Commercialization, and Exploration (SPICE) Project

Presenter(s): Julie Brisset

10 Minutes Presentation, 15 Minutes Discussion

1:50 p.m. – 2:00 p.m.

Closing Comments

Dan Schiappa, DAB Chair

Contributors in Order of Appearance:

Dan Schiappa, Chief Product Officer, Arctic Wolf, Chair of CECS DAB

Jay Kapat, Professor MAE, UCF, Director of CATER

Sasan Fathpour, Professor CREOL

Paul Jarley, Dean Business College, UCF

Mubarak Shah, Professor CS, Director of the Center for Research in Computer Vision (CRCV)

Griffith Parks, Professor College of Medicine, Associate Dean, Research, Director, Burnett School of Biomedical Sciences

Bev Seay, Member of Board of Trustees (BOT), UCF, Member of CECS DAB

Michael Georgiopoulos, dean of CECS, UCF

Grace Bochenek, Director of the School of Modeling Simulation and Training (SMST)

Carolina Cruz-Neira, Professor, CS, UCF

Aleksander Dimitrovski, Assistant Professor, ECE, UCF

Melissa Dagley, Director of iSTEM (Initiatives in STEM)

Julie Brisset, Interim Director Florida Space Institute (FSI)