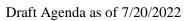


"Conference on Blue Integrated Partnerships & the 2050 Workforce of Tomorrow"

Agenda: July 29, 2022, Day 1

Purdue Climate Scholars & The 2050 Workforce

Registration	On site FRNY G140	7:30AM - 8:30AM
Introduction	Dr. Luciano Castillo Kenninger Professor of Renewable Energy & Power Systems. Dean's Faculty Fellow for Hispanic/Latino Engagement. Purdue University	8:25AM
Welcome	Dr. Jay Akridge Provost and Executive Vice President for Academic Affairs and Diversity, Purdue University	8:30AM - 8:40AM
	sion Chair: Chair Dr. Vito Francio	
Topic #1: Energy & Sustainability	Team Fellows #1- #5 Chair Arquimedes Ruiz (TTU)	8:40AM – 10:00AM
	10:00AM - 10:30AM Coffee Break	•
Topic #2: Climate Change & Gender Inequality	Team Fellows #6- #10 Chair Dr. Maissa Khatib (UTEP)	10:30AM – 11:30AM
Climate Change & Gender Inequality	Team Fellows #6- #10 Chair Dr. Maissa Khatib	
Climate Change & Gender Inequality Session 1: Fellows Climate Change Documentary,	Team Fellows #6- #10 Chair Dr. Maissa Khatib (UTEP) Chair Dr. Jessica Eise	10:30AM – 11:30AM 11:30AM – 12:00PM
Climate Change & Gender Inequality Session 1: Fellows Climate Change Documentary,	Team Fellows #6- #10 Chair Dr. Maissa Khatib (UTEP) Chair Dr. Jessica Eise (UT- San Antonio) 12:00PM – 1:30PM Catered Lunch	10:30AM – 11:30AM 11:30AM – 12:00PM





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Invited Talk #1: Diversity, Equity and Inclusion in Federal Contracting and Workforce	Calvin Mitchell, Director Office of Small and Disadvantaged Business Utilization Department of Education. Chair Torry Johnsson (NASA)	2:00PM – 2:30PM	
Invited Talk #2: The 2050 Workforce and the Role of MSI on Building the Pipeline	Dr. Michael Hester MSI STEM Research & Development Consortium Chair Latonia Jones, Former Professional Staff Member, Subcommittee on Homeland Security	2:30PM – 3:00PM	
	3:00PM – 3:30 PM Coffee Break		
Invited Lecture My Journey & The Role of Strategic Partnerships to Solve the World's Grand Challenges	Dr. Monica Barrera, President National Academy of Engineering of Mexico NAE- Mexico Chair Victor Castano (UNAM)	3:30PM – 4:00PM	
Talk: Agro-Waste Big Thinking & Potential for Central America	Diego Britto , Sr. Vice- President for Finance, Purdue Global	4:00PM – 4:15PM	
POSTER COMPETITION	Purdue Climate Scholars: Chair Prof. Gerardo Carbajal Judges: Hector Gomez, Monica Barrera, Arvind Raman	4:15PM – 5:30PM	
Closing Remarks	Interim Dean, Mark Lundstrom (Purdue) and Dean Jorge Rovira (UPR- Bayamon)	5:30PM – 5:45PM	
6:00PM - 8:00 PM BBQ Event			



Agenda: July 30, 2022, Day 2

On Sustainable Aviation & Puerto Rico as a Hub for Aeronautics. NASA, PR and Consortium BIP

LOCATION: FRNY G140, Purdue Main Campus, West Lafayette, Indiana

Registration	On site FRNY G140	7:30 AM - 8:30 AM
Introduction	Dr. Luciano Castillo (Purdue) & Torry Johnsson (NASA)	8:30AM – 8:45AM
Welcome	Dr. Miguel Velez-Rubio Chancellor UPR-Bayamon	8:45AM - 9:00AM

Session 1: Electric Aviation & Future

Chair William Crossley, William Uhrig and Anastasia Vournas Head of Aeronautics and Astronautics, Purdue University

	University	
Invited Talk #1: UAVs and Urban Air Mobility Challenges & Opportunities	Waseem Naqvi CTO Unmanned Systems, Raytheon	9:00AM – 9:30AM
Panel #1: Aviation & PR	The Case for Sustainable Aviation & Puerto Rico LEAD: Jose Castro, DDEC and Sam Talman, Invest PR	9:30AM – 12:00PM
	Martin D'Eramo, Raytheon	9:30AM – 9:45AM
	Josymar Acosta, P&W	9:45AM – 10:00AM
	Javier Ramis, Collins Aerospace	10:00AM – 10:15AM
	10:15 AM - 10:45 AM Coffee Bre	eak
Panel # 1: Aviation & PR (Continue)	Luis Ramos, Honeywell Aerospace	10:45AM – 11:00AM
, , ,	Roberto Caro, DXC Technologies	11:00AM – 11:15AM
	Eric Swider, Rubidex	11:15AM – 11:30AM
		11:30AM – 11:45AM



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	Michael Mangiafico,	
	PrecisionWorkx	
	Summary Session #1 Jose Castro and Sam Talman	11:45AM – 12:00PM
	12:00PM - 1:00PM Catered Lun	ch
SESSION: Wo	rkforce and Infrastructure: Chair	r Luciano Castillo
Panel #2: 2050 Workforce in Aerospace & Role of MSIs	William Crossley, Purdue Waseem Naqvi, Raytheon Rod Chappell (NASA)	1:00PM – 1:30PM
Invited Talk #2: Center of Excellent at UPRM- AIR. Aerospace & An Inclusive Workforce	Dr. Sheilla Torres, UPRM	1:30PM – 2:00PM
TOUR OF THE AEROSPACE TECHNOLOGY DISTRICT	Dr. Jay Gore, Reilly University Chair Professor. (15 min Presentation & Tour Facilities)	2:00PM – 3:30PM
Session Manufacturing & Wo	3:00PM – 3:30 PM Coffee Break rkforce: Chair Dr. Miguel Velez-F	
Panel #3: R&D & Manufacturing in PR	Lead by Sam Talman & Jose Castro PANELISTS: Victor Claudio, CFO Lift Rod Chappell NASA Josué Rivera, SBIR Federal Affairs Policy Advisor	3:30PM – 4:00PM
Keynote Lecture: My Keys to a Successful Career: Lessons from My Life Story	Ginger Kerrick NASA Flight Director	4:00PM – 5:00PM
Closing Remarks & Key Follow Ups	Torry Johnsson (NASA) & Humberto Mercader Assistant Deputy Secretary, Department of Economic Development, PR	5:00PM – 5:30PM



Agenda: July 31, 2022. Day 3

Match Making & Engagement Day

Event and Unique Opportunities for Federal Contracts with MSIs Latonia Jones, DHS & BIP Consortium

LOCATION: FRNY G140, Purdue Main Campus, West Lafayette, Indiana

Registration	ON SITE FRNY G140	7:30AM – 8:30AM
Introduction & Vision of Consortium BIP	Dr. Luciano Castillo Kenninger Professor of Renewable Energy & Power Systems. Dean's Faculty Fellow for Hispanic/Latino Engagement. Purdue University	8:30AM- 8:45AM
Welcome and Intro to DHS	Ms. Lauren Edwards, DHS	8:45AM- 9:00AM
Keynote Lecture: The Ups & Downs to a Leadership Career: My key Super Powers to Success	Ms. Darlene Bullock, Executive Director, DHS OSDBU (invited)	9:00AM – 10:00 AM
	10:00AM – 10:30AM Coffee Break	
Available Opportunities for Small Research and Development Opport Panel I Dusty Lang, Greg Simmons, Dar	Discussion: Businesses, MSIs, HBCUs including tunities and Doing Business with DHS. Members: rlene Bullock and Lauren Edwards, CBP and Component SBS	10:30AM – 11:45 AM
12:00PM – 1:30PM Catered Lunch		
Workshop: The Mechanics of Federal Contracting	Latonia Jones & Dr. Chance Glenn Jimmy Smith, OSDBU Navy (to be invited) Calvin Mitchell, DOE Procurement Technical Assistance Centers (PTAC) Indianapolis, IN (to be invited) Chris Jeffers, Indiana PTAC Manager Tod Frye, Branch Chief Contracting Officer, DHS, Indianapolis, IN	1:00PM – 2:45PM



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TALK #1: On Gender Lens Perspective for Research & Innovation	Dr. Maissa Khatib University of Texas- El Paso & Tanya Purwar PhD Candidate, Purdue	2:45PM – 3:00PM	
	3:00PM- 3:30PM Coffee Break		
Match Making: Opportunities for HBCUs/MSI and Minority Owned Companies	Dusty Lang Students & Opportunities. Greg Simmons, DHS Component SBS Matchmaking (Tentative CBP) Todd Frye, Branch Chief Contracting Officer, DHS, Indianapolis, IN. Session Chair: Latonia Jones Matchmaking with Industry & Universities.	3:30PM – 4:30 PM (20 min per session)	
Business Plan Competition: THE BOILERMAKER PITCH	Chair Dr. Vito Francioso Post-doctoral Medici Fellow & Purdue Former Trailblazer Fellow, Purdue University Judges: Dusty Lang (DHS), Greg Simmons, DHS and Torry Johnsson (NASA)	4:30PM – 5:30PM	
POSTER SESSION FOR STARTUPS & COMPANIES	PUBLIC DISPLAY DAY 2 -3	DURING COFFEE BREAKS- LUNCH-DINNNER	
5:	5:30PM – 5:50PM Closing Remarks		
Darlene Bullock, Executive Director, DHS OSDBU. & Dr. Theresa Mayer, Executive Vice President for Research & Partnerships, Purdue University			
6:00PM – 7:00PM Reception Cocktails			
Mr. Magic Show by Tom Payton			



Agenda: August 1, 2022. Day 4

NSF Innovation Engine: The Caribbean Green Engine (CGE) for Coastal Resiliency and Economic Growth

LOCATION: FRNY G140, Purdue Main Campus, West Lafayette, Indiana

		•/
Introduction: The Caribbean Green Engine: VISION & GOALS	Dr. Luciano Castillo Kenninger Professor of Renewable Energy & Power Systems. Dean's Faculty Fellow for Hispanic/Latino Engagement. Purdue University	8:30AM – 8:45AM
Welcome	Hon. Jennifer Gonzalez (R- PR at Large), U.S. House of Representatives: Introduction: Chancellor Miguel Velez Rubio (UPR-Bayamon)	8:45AM – 9:00AM
Keynote Lecture: On Data and the Digital Age	Rick Echevarria, Sr. Vice-President Intel	9:00AM – 10:00AM
	Coffee Break	10:00AM- 10:30AM
Talk #1:		
A Historic Perspective of a Purdue Alumni on The Meade Lake Historic Project	Ms. Diane Mead Activist Environment	10:30PM – 10:45PM
Talk #2: Key Challenges of the Region and East Coast of USA and Leveraging NSF Facilities	Arindam Gan Chowdhury, PhD PI and Director, NHERI Wall of Wind (WOW) Experimental Facility (EF) Co-Director, Lab. Wind Engineering Research, Extreme Events Institute	10:45AM – 11:00AM
CGE DISTINGUI	SHED PANEL	
ON EDUCATION-MENTORSHIP-INNOV		
PROSPERITY:		
BREAKING BARRIES		44.00AM 40.00DM
Greg Simmons, DHS; Dusty Lang, DHS; Dr. Arvind Raman, Sr. Associate Dean at Purdue Federal Affairs Policy Advisor; Brian Gonzalez, Executive Director Intel Corp, and Jon Harbor, Provost Purdue Global. Chair Luciano Castillo		11:00AM – 12:00PM
•	12:00PM - 1:00PM Catered Lunch	
PRIVATE I UNCH MEETING:		

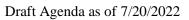
PRIVATE LUNCH MEETING:

CGE LEADERSHIP & INVITED GUESTS (NASA, DOE, DHS, DE, DoD)

12:00PM - 1:30PM

LEAD: Luciano Castillo and Miguel Velez (UPR-B)

Session Chairs: Drs. Melissa Burdi (Purdue Global) and Jorge Rovira (UPR-Bayamon)





Talk #3: Federal Contracts Strategy and Certifications with Purdue Global & UPR-Bayamon	Ms. Latonia Jones, Former Professional Staff Member, Subcommittee on Homeland Security	1:30PM – 1:45PM
Talk #4: Hurricanes & World-Class facility in Florida for Predictive Models	Dr. Brian K Haus, University of Miami	1:45PM – 2:00PM
Talk #5: Resilient Infrastructure & Al	Dr. Claudia Marin Howard University	2:00PM – 2:15PM
Talk #6: Synthetic Mangroves for Coastal Resiliency & Co2 Capture	Dr. Oscar Curet, Florida Atlantic University	2:15PM – 2:30PM
Talk #7: On Co2 Capture: Materials- Technologies-Research	Dr. Mirian Velay, Purdue University	2:30PM – 3:00PM
	Coffee Break	3:00PM - 3:30PM
Invited Lecture & Discussion Co2 Carbon Capture	Mark Ackiewcz, Director Office of Carbon Management, DOE	3:30PM – 4:30PM
Talk #8: Strategy for Fundraising, Philanthropy & IP Contracting for CGE	Ms. Laura Williams, University of Michigan	4:30PM – 4:45PM
Talk #9: Policy & Communications for Coastal Regions	Dr. Jessica Eise, UT-San Antonio	4:45PM – 5:00PM
Invited Presentation: Growing the Future Economy by Building a Trained Diverse Workforce	Hon. Jennifer Gonzalez (R- PR at Large), U.S. House of Representatives. Introduction: Chancellor Miguel Velez Rubio (UPR-Bayamon)	5:00PM - 5:30PM
Closing Remarks	Dr. Mung Chiang President Elect Purdue University Introduction: Luciano Castillo	5:30PM – 5:45PM
	MOU CEREMONY	5:45PM – 6:15PM



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(1) UPR-Bayamon, Purdue Global and Purdue	
BIP Consortium	
Dinner Event	Shively at Ross Ade, Football
&	Stadium
The Eunice Newton Foote Award	
Ceremony: Purdue Climate Scholars	6:30PM - 8:30PM