## DCC MIP at Penn State, DMR-1539916 & DMR-2039351

## FIU/2DCC PREM: Innovations in Materials, Processes and Applications for Quantum Technologies (IMPAQT)

**Broader Impact 2024** 

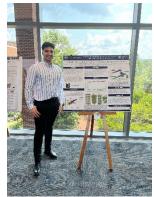
Florida International University's PREM IMPAQT program partners with the 2DCC MIP and focuses on advancing the synthesis and processing of 2D materials and 2D layered chalcogenides for fundamental studies and applications in quantum communication and sensing. Specific highlights for 2023-2024 include:

## 2DCC MIP hosted 6 FIU Undergraduate Summer Researchers 2024

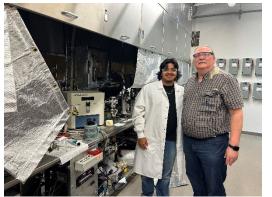
4 supported through PREM DMR-2122078

2 supported through REU program EEC-2244201

2DCC MIP Hosted 2 FIU Graduate Students by the 2DCC-MIP RSVP Program 1 FIU Graduate Student received onsite training for remote TEM

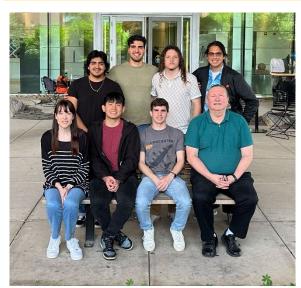






2024 FIU students training in the lab and presenting at the REU poster session.





2024 FIU students with 2DCC program coordinators Dr. Ron Redwing and Kelsey Maxin.





