2DCC MIP at Penn State, DMR-2039351 & DMR-1539916

Resident Scholar Visitor Program (RSVP) 2024

RSVP is a training and professional development program for visiting graduate students and early career researchers to learn on-site at the 2DCC for extended periods.

Kelsey Maxin, Ron Redwing, Stephanie Law, Kevin Dressler, Joan Redwing (2DCC-MIP).

2024 RSVPs

- 7 Total participants from summer 2024:
 - 4 Graduate students from R1 (3) and Non-R1 (1) institutions
 - 1 Postdoc from a Non-R1 institution
 - 1 Undergraduate student from a Non-R1 institution
 - 1 Industry visitor

Broader Impact 2024

- Duration of visits: 2-3 months
- Spread throughout facility: MBE (2), MOCVD (2), Bulk (2), Glovebox Cluster Tool (1)
- Professional development (Graphene & Beyond workshop, seminars, weekly meeting)

Cumulative Outcomes

- 33 RSVPs hosted over past 4 years (60% from non R1)
- 7 manuscripts published/submitted

Intense hands-on training on equipment operation Most projects directly enhance dissertation research Development of skills for current and future positions



2024 RSVP Scholars at the 2DCC-MIP facility



Industry RSVP training in the MOCVD lab

Professional Development Activities



2024 RSVP Symposium held in September (6 RSVPs presented)



