



Breakfast Meeting

Date: May 15, 2024

Time: 9:00 AM - 11:00 AM

Location: 402 Walter Library



Agenda

- Breakfast (9:00 – 9:10 Am)
- Welcome by VP Priya (9:10 – 9:20 Am)
- Who is IIB? (9:20 – 10:15 Am)
 - IIB Presentation (9:20 – 9:35 Am)
 - IIB Key Accomplishments (10 min each) (9:35 – 10:15 am)
 - Project 1: Holographic imaging sensor for airborne infection control in dental clinics (Nick Bravo-Frank)
 - Project 2: Using light-sheet microscopy and FRET-based talin force sensors to investigate dynamic cell force generation (Adam Ley)
 - Project 3: Real-time, continuous ion monitoring for emergency medicine using a wearable microneedle patch (Sarah Swisher)
 - Project 4: Contrast enhancement of fluorescent biosensors through non-linear signal amplification of ground state dimers (Yu Xu or Jacob Ritz)
 - Project 5: Selective detection of chiral pesticides with plasmonic metasurfaces using surface-enhanced Raman spectroscopy (Vivian Ferry)
- Round Robin: How Can IIB Help You? (10:15 AM - 10:55 AM)
- Closing Remarks (10:55 - 11:00 AM)