



Harvard John A. Paulson School of Engineering and Applied Sciences

August 8, 2017

Maxwell Dworkin Room 119
33 Oxford Street, Cambridge, MA

August 9-10, 2017

Pierce Hall 301
29 Oxford Street, Cambridge, MA

We are excited to bring all our CIQM summer interns and affiliates together for our summer intern convocation. Below you will find information on the 3 – day agenda.

Important Contact Number (cell & text)

Naomi Brave
Tina Brower

781-330-9053
571-243-4924

Kathryn Hollar
Sara Wenzel

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781-254-0159

Tuesday August 8, 2017

- 1:00 pm – 2:00 pm **Intern Arrival and Check in**
Visiting intern check into Lesley University across from 35 Mellen Street. Interns will need to walk to the public safety office across the street from 35 Mellen Street and call the Lesley contact posted there for check-in. Someone will then come to meet you to distribute keys etc. See the map at the end of agenda. Mellen Street is in upper left hand corner of the map.
- 3:30 pm- 8:00 pm **Poster presentation workshop and Welcome Dinner, Maxwell Dworkin 119**
Carol Lynn Alpert, CIQM PI
Karine Thate, MOS
Megan Litwhiler, MOS

Intern Presentations

Intern presentation will be held Wednesday and Thursday August 9-10, and will be accessible in real time and recorded via the GoToMeeting application: Mentors and other group members are invited to attend the student talks in person in Pierce 301, or can access remotely via the link below.

CIQM Summer School Convocation 2017

<https://global.gotomeeting.com/join/984557669>

You can also dial in using your phone.

United States: +1 (408) 650-3123

Access Code: 984-557-669

Wednesday August 9, 2017

8:15 am - 9:10 am	Breakfast and Welcome	Naomi Brave, CIQM Managing Director Tina Brower Education Director
9:12 am	Eliel Akinbami ***** Oriented Diamond Growth Using Plasma-aided Hot Filament Chemical Vapor Deposition	Howard Gary Harris, Howard
9:24 am	Chidumebi Alim ***** Growth of Graphene on Germanium using, HFCVD Hot Filament Chemical Vapor Deposition	Howard University Gary Harris, Howard
9:36 am	Vignon Antoine ***** Growth of Atomically Thin Transition Metal Dichalcogenides	PGCC Jing Kong, MIT
9:48 am	Nixia Chen ***** The Diffusion Monte Carlo Method for the Ground State of a Few-Body Quantum System	Wellesley Efthimios Kaxiras, Harvard
10:00 am	Haileyesus Ephrem ***** Diamond Radio Receiver	Bunker Hill Marko Loncar, Harvard
10:12 am	Break	
10:24 am	Tess Gonzalez ***** Raman Characterization of Bismuth Nanowire Array with Graphene	PGCC Tito Huber, Howard
10:38 am	Johnathon Gutierrez ***** Bismuth Telluride Nanomaterials by Exfoliation	Gallaudet Paul Sabila, Gallaudet
10:50 am	Christa Harper ***** Towards Electrochemical Intercalation of Graphene Black Phosphorus Heterostructures	Bunker Hill Philip Kim, Harvard

Wednesday August 9, 2017

- 11:02 am **Kevaughn Johnson** ***** Howard
Magneto Raman Spectroscopy of Bismuth Selenide Thomas Searles, Howard
- 11:14 am **Kevin Kotomole** ***** PGCC
Analysis of the Photoresponse Tito Huber, Howard
Of Graphene on Bi Nanowire Array
- 11:26 am **Jaquelyn Lalescu** ***** Gallaudet
Exfoliation of Molybdenum Disulfide (MoS_2) Paul Sabila, Gallaudet
Using N-Butyllithium
- 12:00 pm **Lunch**
- 1:00 pm **Afternoon Panel** – How to Apply to Graduate School and the Graduate School Experience.
- 3:00 pm **Break**
- 3:15pm **Deaf and Hard of Hearing Cultural Activity**

Thursday August 10, 2017

- 8:15 am - 9:10 am **Breakfast and Welcome** Naomi Brave, CIQM
 Managing Director
 Tina Brower, CIQM
 Education Director, CIQM
- 9:00 am **Let's Go To a Conference**
- 10:00 am **Sunil Lamichhane** *****
 Transport Measurement in Indium Arsenide
 with epitaxial Aluminum Howard
 Amir Yacoby, Harvard
- 10:12 am **Puyang Ma** *****
 Search for New Topological Insulators Mt Holyoke
 Alan Aspuru-Guzik, Harvard
- 10:24 am **Marina Markous** *****
 Characterization of Graphene Grown by HFCVD Howard
 Tina Brower, Howard
- 10:36 am **Rylan Spence** *****
 Simulations for Scanning Capacitance Microscopy BHCC
 Bob Westervelt, Harvard
- 12:00pm **CNS Imaging Group Summer Seminar**
Combining Lasers and Scan Probe Techniques
Lunch Served
 Geological Lecture Hall
 24 Oxford St.
- 1:15 pm **Career Panel-** Faculty and Staff
- 2:30 pm **Acknowledgments and Summer School Closing Celebration and Group Picture**
- 3:00 pm **Campus Wide Poster Session –Northwest Building, 52 Oxford Street**

Friday August 11, 2017

9:00 am Check-out of Lesley University dormitory

2:30 pm Visiting interns leave for airport



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