EPS: Young Minds
Section College Park MD

Christina Ketchum
Biophysics Program, University of Maryland
(lab of Arpita Upadhyaya)
Our Chapter

- Zulya Tomova (President)
- Tyler Drye (Vice President)
- Paul Syers (Treasurer)
- Christina Ketchum (Secretary)
- Richard Suchoski
- Valentin Solotych
- Matt Murray
- Brian Grooman
- Mike Azatov
- Jinglei Ping
- Dvir Kafri
Professional Development

- Learn about career opportunities
- Share graduate research
- Learn about research outside your field
- Practice giving talks
- Problem solving
Bi-Weekly Seminars

• Graduate Student Presentations

• Research in many different fields of Physics, including:
  – Solid State Physics
  – Chemical Physics
  – Biophysics
  – Heat Transfer Dynamics
  – Optics
  – Non-linear Dynamics
Student Poster Competition

25 entries

Prizes for top 2 posters

Winner Matt Petrillo (John’s Hopkins University)
Student Poster Competition

• 23 entries
• Keynote Speaker Dr. Amy Forster of the Electrical Engineering and Computer Science Department of Johns Hopkins University
• “Research on Highly Efficient Parametric Nonlinear Optics using On-chip Amorphous Silicon Photonics”
• “Career Perspectives on the Path to Academia”
• Speaker Milton Chang (CEO of Newport and New Focus)
• How he founded and grew his businesses.
• Investment in entrepreneurial ventures
Upcoming Events

- National Institute for Science and Technology Lab Tours

![National Institute of Standards and Technology](NST.png)

- University of Virginia – University of Maryland Lab Tours

![University of Virginia](UVA.png)
Recruiting and Networking

- Raise awareness of EPS
- Inform students about what we do
- Encourage interested students to join our EPS Young Minds Chapter
- Bring together graduate students of different disciplines
- Provide networking opportunities
- A break from all our hard work
Grad Pub 2012

- Recruiting for EPS
- Free Pizza
- Graduate Student from All Science Fields are Invited
- Beer smooths interactions
- Networking opportunity
Grad Pub 2013

- Recruiting for EPS
- Free Pizza
- Graduate Student from All Science Fields are Invited
- Beer smooths interactions
- Networking opportunity
Paintball

- Sunday, November 11th, 2012
- 3 hours of intense combat
- Ballistic Physics
- Second Paintball Outing Taking place next week
International Food Day

- May 10th
- For EPS members only
- Award for Best Dish
- Networking with other graduate students
- Countries Represented:
  - Russia
  - Germany
  - China
  - India
  - Israel
  - Korea
  - USA
Thank You!

• For listening

• For giving me the opportunity attend

• For making an EPS Young Minds Chapter Possible at the University of Maryland