

Ian Hunt-Isaak

Present Address

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Education

B.A. in Physics, Oberlin College, Expected May 2017
GPA 4.0 in major, 3.8 overall

Research Experience

REU Rutgers Relativistic Heavy Ion Group, Rutgers University Summer 2015
Under Assistant Professor, Sevil Salur

- Studied the Quark Gluon Plasma through Monte Carlo Simulation
- Improved a framework to run Monte Carlo Simulations
- Investigated the 3/2 Jet Ratio in Lead Ion Collisions

Physics Research Ijiri Lab, Oberlin College Jan. 2015-Present
Under Professor, Yumi Ijiri

- Investigating the magnetic structure of Nano-Particles with Neutron Scattering
- Working on data Analysis and Interpretation
- Writing Scripts to increase speed of analysis

Work and Teaching Experience

ExCo Instructor 3D Printing & Design, Oberlin College Fall 2015

- Developed a Course centered on 3D printing technologies
- Themes included building, using, maintaining printers and basic electronics

Science Outreach Oberlin Boys and Girls Club Sept. 2014- May 2015

- Co-Founded Science program for Boys and Girls Club
- Developed and ran interactive science demos for 3rd-5th grade students

Tutoring Oberlin College Fall 2014-Present

- Personal Tutor for High School IB math student

Hired by Oberlin College to tutor:
Introductory and Multivariate Calculus, Introductory Economics, and Modern Physics.

Counselor Riverbend Environment Education Center Summer 2014

- Led groups of children in a team with a co-counselor
- Designed and implemented lesson plans

Leadership Activities

Treasurer and Director OC3D Oberlin College 3D Printing Sept. 2015-Present

- Manage Club Accounts
- Increase Club Membership
- Organize Club Projects
- Involved in developing the OC3D space since Jan. 2014

Presentations

Presented poster entitled "Monte Carlo Investigations of Quark Gluon Plasma"
APS Division of Nuclear Physics Annual Meeting, Sante Fe NM, Oct. 29, 2015

**Presented 15-Minute talk and poster entitled "Monte Carlo Investigations
of Quark Gluon Plasma"**

Oberlin College Celebration of Undergraduate Research, Oberlin OH, Oct. 2, 2015