IBA & LSAMP NEWSLETTER

A resource for upcoming conference deadlines, social events, workshops, general information pertinent to your field, program reminders and other relevant activities.

**Student Opportunities**  
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Check out all the new and exciting upcoming opportunities available!

**Travel**  
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See the unique travel opportunities our students and faculty have attended!

**Events**  
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Learn about all the events hosted by IBA and LSAMP this month!

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**Save the Date!**

**IBA Student Retreat**  
Sunday, January 24th 3:00-6:30pm  
Englert Theatre

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**IBA Scholar Symposium**  
(Mandatory for IBA undergrads)  
Thursday, December 3rd 6:30-8:30pm  
101 BBE (Kollros Auditorium)

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**Don’t Forget!**  
Register for IBA Student Development Seminar (IBA:1041) next Spring!
Opportunities

University of Michigan Medical Scientist Training Program “UM-SMART”

Application due January 15th

University of Michigan will be holding a ten week summer research program that Michigan’s Medical Scientist Training Program (MSTP) is sponsoring. The “UM-SMART” summer program is designed to provide an opportunity for highly motivated and talented undergraduates interested in careers as physician scientists to enhance their science and academic skills.

The program is targeted towards students who are from geographically, culturally or educationally disadvantaged backgrounds, students who have experienced financial hardship, and students with disabilities. Applicants should have completed at least their freshman undergraduate year.

The main focus of the program is laboratory biomedical research, but the program also includes physician shadowing, an MCAT prep course, and an opportunity to attend bi-weekly seminars and a 2 day MSTP retreat in August.

Application and more information:
http://medicine.umich.edu/medschool/education/mdphd-program

Ninth Health Disparities Conference

February 29 – March 2, 2016 in New Orleans, Louisiana

Register now for Xavier University of Louisiana College of Pharmacy’s Center for Minority Health and Health Disparities, Research and Education Conference. Participants will include clinicians (pharmacists, physicians, nurses, physician assistants, and allied health professionals), health policy makers, researchers, health educators, public and community health leaders, and students whose work incorporates the use of multidisciplinary partnerships that build collaborations to eliminate health disparities, achieve health equity, and create healthier communities.


2016 Summer Program in Cancer Research

Application due February 1, 2016

For the 25th year in a row The University of Texas MD Anderson Cancer Center Science Park will host a Summer Program in Cancer Research (SPCR) for undergraduate students majoring in math or science. The program is designed to allow students to work on an independent, hypothesis-driven, research project in a biomedical research environment. For many interns, this experience is very helpful in making subsequent career choices.

Application to Molecular Medicine PhD Program at Case Western Reserve University
The program's main focus is to integrate medical training into a PhD program. Every student in the program has clinical co-mentor who oversees an independent study clinical experience during year 2 of the program. All students receive free tuition, a $28,500 stipend, core textbooks, student health insurance, fitness membership, and a laptop. Our priority deadline is 12/1/2015. Our application deadline is 1/15/2016. Interviews will be conducted in early February.

2016 Fred Hutch Summer Undergraduate Research Program
Application deadline: Friday, January 22

The Fred Hutchinson Cancer Research Center (Fred Hutch) hosts a 9-week summer internship that is designed to provide research experience and mentorship for undergraduate students of rising senior status. More information can be found here: http://www.fredhutch.org/en/education-training/undergraduate-students.html

Summer 2016 Undergraduate Research at University of Kentucky
Application Due: February 15, 2016
The University of Kentucky is pleased to announce that in the summer of 2016, we will again host a 10-week summer program for undergraduate research on suburban ecology and invasive species, sponsored by the National Science Foundation. Students will be exposed to the full spectrum of a research project, from the underlying ecological theory, the formulation of hypotheses, the design of experiments, the analyses of data, and the write up for publication.
More information here: http://darwin.uky.edu/~erec/reu/

Travel

Edwin Sagastume
Society of Hispanic Professional Engineers Conference in Baltimore, MD
November 11-14, 2015
Poster presentation: “Pulmonary Mucus Mimetic Formulation: Potassium Tetrathionate Cross-linking for Viscosity Enhancement”

Alexis Miller
Autumn Immunology Conference in Chicago, IL
November 20-23, 2015
Poster presentation: “Probing caspase-1 interactions with cardiolipin”
Travel Cont’d

IBA sent 5 people to the Annual Biomedical Research Conference for Minority Students (ABRCMS) in Seattle, WA held November 11-15, 2015

**Meaghan Rowe-Johnson**
ABRCMS in Seattle, WA  
November 11-15, 2015  
Poster presentation: “Applying Career Choice interventions in an Undergraduate Research Program for Bioscience Students”

**Timothy Fuqua**
ABRCMS in Seattle, WA  
November 11-15, 2015  
Poster presentation: “Decoding Notch-Target Enhancers in Drosophila Melanogaster”

**Steven Dominguez**
ABRCMS in Seattle, WA  
November 11-15, 2015  
Poster presentation: “Development of a Drug Delivery System for 5-Fluorouracil using Magnetic Mesoporous Silica Nanoparticles”

**Maria Nunez Hernandez**
ABRCMS in Seattle, WA  
November 11-15, 2015  
Poster presentation: “Studying the Mechanism of Calcineurin -- An Important Enzyme in Heart Development and the Immune Response”

**Jacqueline Bannon***
ABRCMS in Seattle, WA  
November 11-15, 2015  
Poster presentation: “Perceived vs. Actual Sexual Health Knowledge of Adolescents with and without Autism”

*Jacqueline received a travel award through ABRCMS that covered registration, housing and airfare.

**Congrats! LSAMP student Brittney Wilmington**
2nd place in the Louis Stokes Midwest Center for Excellence poster competition  
October 23-25, 2015 in Indianapolis, IN
Congratulations to all of the presenters at this year’s ICRU Fall Undergraduate Research Festival

Preston Anderson, Timothy Fuqua, Alexis Miller, William Narhi-Martinez, Angela Olvera, Jordan Perez, Paul Taufalele, Hannah Tykol, Joshua Volker, Maya Amjadi, Nicholas McCarty

You all did a wonderful job!
For seminars specific to your areas of interests, please see:

**Biology:**
http://biology.uiowa.edu/about/seminars

**Physics:**
http://www.physics.uiowa.edu/resources/events/calendar

**Psychology:**
http://www.psychology.uiowa.edu/resources/events

**Biochemistry:**
http://www.medicine.uiowa.edu/biochemistry/seminars/

**Microbiology:**
http://www.medicine.uiowa.edu/microbiology/events/

**Chemistry:**
http://www.chem.uiowa.edu/news/colloquium-seminarschedule

**Molecular & Cellular Biology:**
http://molcellbio.grad.uiowa.edu/seminars-and-workshops

**Immunology:**
http://immuno.grad.uiowa.edu/calendar/seminars

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