Undergraduate research is a great way to enhance your understanding of a particular field or content area in a way that the traditional classroom setting would not fulfill. If you find yourself often thinking about a certain question or looking at something in the world and wondering why it is the way it is, conducting research is a great way to answer those type of questions!

Listed below are VERY HELPFUL resources for YOUR BENEFIT! PLEASE TAKE ADVANTAGE OF THIS!

**Undergraduate Research Programs (that have funding for you!)**

**McNair Scholars Program**
- This program will show you how to get into grad school and best prepare you to succeed. The McNair Scholars Program encourages low-income, first-generation college students as well as students from racial/ethnic groups historically underrepresented in higher education to pursue a Ph.D. If you want to be part of the next generation of scientists, researchers, or professors, this program is for you.
- You’ll immerse yourself in the research experience, spending eight weeks under the guidance of your chosen faculty mentor. During this summer internship, you’ll get a $3,000 stipend and a $300 supply allowance. You’ll complete a research paper and present your findings at the IU McNair Research Symposium. You’ll present your research at a statewide conference (IUURC) and have the option to attend national conferences where you’ll present your research to faculty and your peers.
  - [http://mcnair.indiana.edu/](http://mcnair.indiana.edu/)

**STARS**
- The Science, Technology, and Research Scholars (STARS) program offers you four years of faculty- mentored research experience in all College science disciplines. In addition to research experience you will be offered opportunities to participate in professional development activities, summer scholarships, and ongoing support from OSO (Office of Science Outreach) and a community of peers.
  - [https://scienceoutreach.indiana.edu/research/undergrad_research/STARS.html](https://scienceoutreach.indiana.edu/research/undergrad_research/STARS.html)

**IFLE**
- The Integrated Freshman Learning Experience (IFLE) is a two-phase life-sciences-focused six-week summer research experience you can participate in prior to your freshman year, followed by a year-long research-based honors course integrating biology, biochemistry, and neuroscience.
  - [https://scienceoutreach.indiana.edu/research/undergrad_research/IFLE.html](https://scienceoutreach.indiana.edu/research/undergrad_research/IFLE.html)
Get Connected with Faculty

- Get to know your professors! There are plenty of faculty around campus that are willing to have undergraduates as a part of their research team. There are even opportunities for you to come in faculty labs just to observe and see if you'd like to get involved! Take a look at the guide and website listed below for tips on how to get involved.
  - Get Involved with a Research Lab Pdf
  - http://iujuj.Indiana.edu/undergraduate-research/

Student Organizations that focus on RESEARCH

SACNAS

- (Society for the Advancement of Hispanics/Chicanos and Native Americans in Science) is a national organization that encourages Chicano, Latino, and Native American students to pursue graduate education and obtained the advanced degrees necessary for science research, leadership, and teaching careers at all levels. SACNAS brings together undergrads, grads, post-docs, researchers and faculty from different backgrounds whose shared love of science and technology and desire to see more minorities as colleagues come together to help each other succeed. Each year, the SACNAS national conference brings its members together to share their research and to facilitate interactions between individuals from all levels in their academic careers.

- SACNAS aims to support diversity by encouragement of minorities in the sciences and to act as a support group through mentoring relationships among its members. Here at IU, the SACNAS student run chapter will strive to achieve these aims through two main goals: (1) preparing students for the national conference, so both IU and the student can be featured at the national level; and (2) by outreaching to minority high-school students in the area and encouraging them to pursue a college education and advanced degrees. If interested in joining SACNAS or for more information on upcoming events, check out the link below.
  o http://www.indiana.edu/~sacnas/

NOBCChe

- (National Organization for the Professional Advancement of Black Chemists and Chemical Engineers) was formed in an effort to provide a support network on the Bloomington campus for current undergraduate and graduate students in the physical sciences. However, since there is a serious deficit of minority students in this area, it is also our goal to develop constructive means by which minority recruitment and retention can be supported and enhanced.

- Benefits: Student Awards and Scholarships, Sponsored opportunities to present research at regional and national conferences, Networking with faculty and students on campus and from other universities, Mentorship by senior students and by faculty, Summer Internships or Jobs at Fortune 500 companies. Interested? Take a look at the link below!
  o http://www.indiana.edu/~nobcche/
How to Prepare for a Conference

Creating an abstract

- What is an abstract and why do I need one?
  - [https://connect.iu.edu/p27egtp7hsc/?launcher=false&fcsContent=true&pbMode=normal](https://connect.iu.edu/p27egtp7hsc/?launcher=false&fcsContent=true&pbMode=normal)
- Sample abstract template
  - [https://iuurc.iu.edu/2015/iuurc/docs/abstract.pdf](https://iuurc.iu.edu/2015/iuurc/docs/abstract.pdf)

Prepare a Presentation

- Should I do an oral or poster presentation? What are the different requirements for each?
  - [https://connect.iu.edu/p2mzy522he9/?launcher=false&fcsContent=true&pbMode=normal](https://connect.iu.edu/p2mzy522he9/?launcher=false&fcsContent=true&pbMode=normal)

Creating a presentation (oral or poster)

- Preparing a poster
  - [http://www.crl.iupui.edu/resources/poster-design.asp](http://www.crl.iupui.edu/resources/poster-design.asp)
- Preparing an oral Presentation

IU Research Conference Information

**IUURC**- Indiana University Undergraduate Research Conference

- [https://iuurc.iu.edu/](https://iuurc.iu.edu/)
- 2016 Information and Deadlines [http://www.crl.iupui.edu/events/IUURC/](http://www.crl.iupui.edu/events/IUURC/)
- flyer is attached at the bottom of the announcement

Pay close attention to deadlines for abstract submissions and conference registration!!

How to get your research published

**IU Journal of Undergraduate Research**

- This is an annual, open access journal published through [IUScholarWorks](http://iujur.indiana.edu/).
- IUJUR is currently accepting submissions until **mid-February, 2016** for Volume III (June 2017)
- [http://iujur.indiana.edu/](http://iujur.indiana.edu/)
Additional Help (including creating a CV, and presentation practice)

Dear Scholars,

If you have questions/concerns or need help with any of the information above, please email me at davis217@umail.iu.edu. I will be more than happy to share my experiences with research at IU, submitting abstracts, presenting at conferences around the country, creating a curriculum vitae, and applying to grad school. If you need someone to review your abstracts, posters, applications for programs, etc. I am willing to help in those areas as well! Feel free to stop by my office located in Room 325 in the HHSP office (located at the Admissions building 300 N. Jordan Ave.) Please email me beforehand to set up an appointment to meet during office hours.

Sincerely,

Bria Davis

P.S. Be on the lookout for forum discussions on CANVAS, where you and other scholars can discuss and share research opportunities that you may find!

Attachment: