

Now accepting applications for the 2018 Domestic Nuclear Detection Office (DNDO) Summer Internship Program

The U.S. Department of Homeland Security (DHS) Domestic Nuclear Detection Office (DNDO) Summer Internship Program provides opportunities for undergraduate and graduate students to participate in projects at federal research facilities located across the country focused on helping DNDO meet its mission of “implementing domestic nuclear detection efforts for a managed and coordinated response to radiological and nuclear threats, as well as integration of federal nuclear forensics programs.” This program will prepare a diverse, highly talented, educated, and skilled pool of scientists and engineers to address issues related to national security and nuclear detection and to enhance the future scientific and technical workforce to be both knowledgeable and trained in fields of specific interest to DNDO.

Undergraduate students receive a stipend of \$600 per week for ten weeks plus reimbursement for travel expenses up to \$1,000.

Graduate students receive a stipend of \$700 per week for ten weeks plus reimbursement for travel expenses up to \$1,000.

Research experiences are offered at: Argonne National Laboratory (Argonne, IL) • Lawrence Berkeley National Laboratory (Berkeley, CA) • Lawrence Livermore National Laboratory (Livermore, CA) • Los Alamos National Laboratory (Los Alamos, NM) • National Security Technologies – Remote Sensing Laboratory (Las Vegas, NV and Andrews AFB, MD) • Oak Ridge National Laboratory (Oak Ridge, TN) • Pacific Northwest National Laboratory (Richland, WA) • Stanford Linear Accelerator Laboratory (Menlo Park, CA)

Areas of research: Engineering, computer science, mathematics, physics, chemistry, environmental science, and more.

U.S. citizenship required

Application deadline: January 29, 2018, at 8:00 AM EST

How to Apply: Applications and supporting materials must be submitted at <https://www.zintellect.com/Posting/Details/3873>

Program Information: Detailed information about the internships can be found at <http://orau.gov/dndo/>

For information about DNDO visit <http://www.dhs.gov/about-domestic-nuclear-detection-office>.

For questions please email us at dhsed@orau.org.

SRIMS@marshall.edu

jcesom.marshall.edu/research/srims

**Summer Research Internship for
Undergraduate Minority Students
(SRIMS) in Biomedical Sciences**

May 29—July 31, 2018

\$3000 Stipend

Free Room and Board

Assistance with travel

Graduate Education Presentations

Professional Networking

US Citizenship or Permanent Residency Required



Office of Research and Graduate Education
Biomedical Research

For more information, contact:

SRIMS@marshall.edu

<http://jcesom.marshall.edu/research/srims>

Deadline:

Friday, February 9, 2018



Greetings from Chapel Hill,

We are excited to let you know that the application process for our 33rd year of the **Carolina Summer Fellowship Program (CSFP)** opens on January 1, 2018!

Those selected to the **(CSFP)** will participate in 10 weeks of hands on research while learning professional, social and networking skills.

A stipend, on-campus housing and a food allowance are offered to each student selected for the program.

Thank you for your time in helping us connect with your students! Should you/they have any questions please don't hesitate to contact me.

<https://www.med.unc.edu/pharm/summer-undergraduate-research>



Carolina Summer Fellowship
Program — Pharmacology - UNC

...

www.med.unc.edu

The Carolina Summer Fellowship (CSF) Program is a summer research program for undergraduate students sponsored by the Department of Pharmacology at UNC-Chapel Hill ...



Carolina Summer Fellowship Program — Pharmacology - UNC ...



Carolina Summer Fellowship Program — Pharmacology - UNC ...

www.med.unc.edu

The Carolina Summer Fellowship (CSF) Program is a summer research program for undergraduate students sponsored by the Department of Pharmacology at UNC-Chapel Hill ...

www.med.unc.edu

The Carolina Summer Fellowship (CSF) Program is a summer research program for undergraduate students sponsored by the Department of Pharmacology at UNC-Chapel Hill ...



The Institute for Pure and Applied Mathematics (IPAM) at the University of California Los Angeles (UCLA) runs a unique summer program for undergraduate students. The Research in Industrial Projects for Students (RIPS) provides an opportunity for exceptional students in math and related disciplines to work in teams on real world research projects proposed by a sponsor from industry or a national lab. Sponsors have included Google, Symantec, Los Alamos National Lab, the Aerospace Corporation, Los Angeles Police Department, Arete, IBM, and many others. The RIPS web site at <http://www.ipam.ucla.edu/rips/> gives the full details including a link to the online application. We encourage all bright, young students to apply, especially women and minorities.

This is an educational and very exciting two month program near the heart of Los Angeles at one of the premiere educational institutions in the United States. If accepted the program covers the student's travel, housing and most meals, and offers a generous stipend. Students immerse themselves in research and learn how to deal with real world problems.

In addition to RIPS in Los Angeles, IPAM will offer RIPS-Hong Kong in 2018 in partnership with the Hong Kong University of Science and Technology. This is an exciting opportunity for U.S. undergrads to work with students from Hong Kong / China on projects sponsored by companies based in the region. English is the only language required for participation. The format is the same as RIPS-LA; two American and two Chinese students will form a team.

The deadline for applications is February 12, 2018. Please refer your students to the site and encourage them to apply. (Note: graduating seniors are eligible for all programs; international students may apply for RIPS-LA only).

UCLA Institute for Pure and Applied Mathematics presents

SUMMER 2018 RIPS!

Research in Industrial Projects for Students
June 25 to August 24, 2018

Summer in Los Angeles!

Apply your math and computing skills to cool, real world research projects sponsored by industry. Work with fellow students who come from across the country and around the world. Learn about careers that use math. Develop research skills. It all adds up to one great summer!

Challenging Projects!

RIPS projects involve serious math and computing. Past projects have involved space mission design, crime modeling, machine learning, weather forecasting, digital image blending, quantum computing, finance, and more!

Cool Industry Sponsors!

Past sponsors include:

- ▶ The Aerospace Corporation
- ▶ AMD
- ▶ Disney
- ▶ Google
- ▶ GumGum
- ▶ Los Alamos National Laboratory
- ▶ Los Angeles Police Department

Who are RIPS Students?

RIPS students come from many different academic fields, but all share a strong background and interest in mathematics. Undergraduate students, including current seniors, are eligible to apply. The selection process is competitive!

Work as a Team!

Work in teams of four students under the guidance of an academic mentor and industry sponsor.

Here's the Deal:

RIPS participants will receive:

- ▶ Free travel to UCLA
- ▶ Housing and most meals
- ▶ Generous stipend



**APPLICATION DEADLINE:
FEBRUARY 12, 2018**

For more information and application procedures, go to:
www.ipam.ucla.edu/rips



The University of Missouri has exciting opportunities for undergraduate researchers interested in summer research experiences. Undergraduate students are invited to apply for an internship with our program: MU Alcohol Research Training Summer School (MU-ARTSS). MU-ARTSS provides an intensive week-long introduction to alcohol research, coupled with an 8 week paid internship (\$3,600 stipend plus room and board) for each student to be mentored by alcohol researchers in the Department of Psychological Sciences. The program aims to increase the pipeline of scientists among minority and nonminority undergraduates who are interested in pursuing careers in alcohol research and is supported by an institutional training grant through the National Institute on Alcohol Abuse and Alcoholism (NIAAA).

The week-long program of structured learning experiences will be conducted at the University of Missouri in Columbia from May 30-June 6, 2018. At the conclusion of the course, MU-ARTSS students will be placed in internships from June 7-July 27, 2018 in the laboratories of researchers at the University of Missouri-Columbia with stipends. Depending upon students' interests, students will be placed in laboratories that focus on one or more of the following areas: (1) human genetics, (2) behavioral pharmacology, (3) psychiatric epidemiology, (4) neuroimaging, and (4) statistical modeling. In these internships, students will work alongside other interns, graduate students, and faculty members to gain experience in contemporary alcohol research that will provide valuable experiences for preparation for graduate study.

The program seeks applicants who demonstrate a strong interest in science and medicine. Applicants ideally must have **completed 2 years of undergraduate work** (exceptions may be made), with a B average or better in all coursework. It is desirable for students to have completed at least 2 courses (3 semester credit equivalents) in each of the following areas: a) behavioral or social sciences, b) biological sciences, and c) physical sciences/mathematics. Acceptance into MU-ARTSS will be made on the basis of academic performance, test scores, overall breadth and depth of academic coursework to date, and recommendations. Seven students will be selected to participate. **Individuals who have earned a baccalaureate degree are not eligible to apply. Application deadline is Feb. 15, 2018**

MU-ARTSS Investigators

University of Missouri, Columbia

Kenneth J. Sher, PhD, Scientific Director
Bruce Bartholow, PhD
Charles M. Borduin, PhD
Lynne Cooper, PhD
Scott Frey, PhD
Ian Gizer, PhD
John Kerns, PhD
Matt Martens, PhD
Denis McCarthy, PhD
Dennis Miller, PhD
Tom Piasecki, PhD
Wendy Slutske, PhD
Doug Steinley, PhD
Timothy Trull, PhD
Matt Will, PhD

Program Administration Contact Information

Carol Waudby, MU-ARTSS Coordinator
University of Missouri-Columbia
Department of Psychological Sciences
150 Psychology Building
200 S. Seventh St.
Columbia, MO 65211
Phone: 573-882-1682
Fax: 573-884-5588
Email: MUARTSS@missouri.edu
Website:
<http://alcoholresearch.missouri.edu/relatedtraining.html>

About MU-ARTSS

The MU-ARTSS program is designed for undergraduate students interested in alcohol research and possible careers as alcohol researchers. The Department of Psychological Sciences at MU hosts a diverse cadre of psychologists dedicated to research into the etiology and course of alcoholism and related disorders. MU-ARTSS professors represent a wide array of expertise in the science of alcohol and addiction including genetics, personality, psychopathology, social and affective neuroscience, and social network analysis. Students participating in the MU-ARTSS program are part of the larger MU Summer Undergraduate Research Program (MU-SURP) which hosts approximately 100 students from universities and colleges across the nation every year. Students participating MU-ARTSS develop a research abstract and create a poster to present at the MU-SURP Research and Creative Achievements Forum.

MU-ARTSS is structured into a week-long didactic program providing an intensive introduction to alcohol research followed by an 8-week research internship in the lab of a MU-ARTSS professor. The program is set up to provide an independent learning experience and offer the intern an opportunity to get a sense of a 'grad school' working environment. The internship is full-time with a stipend of \$3,600. MU will be providing room and board at no cost to participants. Travel costs are not covered. Interns will receive 1 hour of academic credit (Special Problems in Psychology, Psych 2950) from MU, paid for by the program. MU-ARTSS aims to increase the pipeline of scientists among minority and nonminority undergraduates who are interested in pursuing careers in alcohol research and is supported by a grant from the National Institute on Alcohol Abuse and Alcoholism (NIAAA, R25AA023687), part of NIH.

The summer program will contain four components:

- 1) A week-long didactic program held in the Department of Psychological Sciences from May 30 - June 6, 2018
- 2) At the conclusion of the didactic program, MU-ARTSS students will be placed in internships from June 7 - July 27, 2018 in the laboratories of addiction researchers housed in the Department of Psychological Sciences at MU.
- 3) Weekly meetings with the MU-ARTSS group to update on the status of the project, professional development discussions, informal discussions on research topics led by postdoctoral and predoctoral fellows, and viewings and subsequent discussions of classic movies that portray the myriad of ways alcohol affects peoples lives.
- 4) Structured activities as part of MU-SURP on campus, including seminars, training in the responsible conduct of research, and professional development.



Department of Psychological Sciences

Alcohol Research Training Summer School & Internship

MU-ARTSS

Didactic Week:
May 30- June 6, 2018
Internship:
June 7- July 27 2018

Travel days May 29 & July 28

Funded by NIH Grant R25AA023687

We are seeking bright students for our NIH funded summer research and post-baccalaureate programs. The Opportunities in Genomics Research (OGR) program at The McDonnell Genome Institute at Washington University in St. Louis (genome.wustl.edu) is committed to increasing the number of underrepresented students who pursue PhD's in genomics and related fields. We have two OGR mentored research programs: Undergraduate Scholars, a 10 - week summer program and Extensive Study, a one-year post-baccalaureate program that includes research and enrichment activities such as GRE and graduate school preparation.

Our programs are small and familial and provide individualized attention in a rigorous research environment. Our program alumni have been accepted to PhD programs at schools such as: Harvard, UC Berkeley, Johns Hopkins, Yale and of course Washington University in St. Louis. We've been around since 2007 and we're excited to continue to foster and cultivate the interests and talent of students from diverse backgrounds and we hope that your students will apply and take part in this amazing journey.

We offer a competitive stipend/salary and housing for summer students. Program details and the application can be found at: genome.wustl.edu/outreach. Areas of research that our students have pursued as a part of OGR include: genomics, bioinformatics, cancer biology, microbiology, developmental biology, cell biology and physiology. So our definition is quite broad and we encourage applications from students with varied interests.

Deadlines and Program Dates:

OGR Undergraduate Scholars (Summer program):

Deadline - February 12, 2018

Program Dates - May 30, 2018 - August 3, 2018

OGR Extensive Study (Post-baccalaureate program):

Deadline - May 18, 2018

Program Dates - August 8, 2018 - June 30, 2019

For an e-application contact us at: mgj-outreach@gowustl.onmicrosoft.com

Phone: 314-286-1807

(NOTE: Online application will be available soon)



 University at Buffalo The State University of New York

CLIMB UP

(Undergraduate Program)
for Summer Research

May 29 - August 4, 2018



Dear Friends:

We encourage you to share this with your friends, professors, students, and colleagues. Please see below and attached.

The CLIMB UP (Undergraduate Program) for Summer Research at the University at Buffalo is seeking applications for Summer 2018.

What is CLIMB UP?

The CLIMB (Collaborative Learning and Integrated Mentoring in the Biosciences) Program at UB has created **CLIMB UP for Summer Research**, an outstanding summer research experience for undergraduate students to excel in biomedical, STEM, and health science research and explore career opportunities. Now entering its **10th summer**, the overall goal is to introduce you to research opportunities, facilitate understanding of recent advances in the STEM disciplines, and mentor you towards graduate and professional careers. As a CLIMB UP Fellow, you will be guided through novel and exciting research projects and mentored by faculty, graduate students, and postdoctoral fellows through the summer and beyond. You will spend 10 weeks in the laboratory of your research mentor, whom you will be paired with based on your interests. We will train you in various areas necessary to safely and efficiently perform your research and related activities.

What Areas of Research Does CLIMB UP Offer?

The CLIMB UP for Summer Research offers many diverse research opportunities in the STEM disciplines. Faculty are associated with a wide range of UB programs, encompassing virtually every aspect of scientific research.

Based on your interests and career goals, you can apply to work with mentors who fall under 3 categories:

- **ASPET-SURF** mentors do research in the Departments of Pharmacology and Toxicology and Pharmaceutical Sciences. If you're interested in those fields, this is a great place to learn more.
- **CLIMB PRO** mentors are located in the Jacobs School of Medicine and Biomedical Sciences. Most are MDs working in clinical settings. If you're pre-med, or looking towards a career in medicine and/or research, we recommend you check out CLIMB PRO!
- **iSEED** mentors work in a wide variety of scientific disciplines at 7 different UB schools, including Jacobs School of Medicine and Biomedical Sciences, Dental Medicine, Nursing, Pharmacy and Pharmaceutical Sciences, Public Health and Health Professions, Engineering and Applied Sciences, and College of Arts and Sciences. If you're interested in any of those fields, we highly recommend checking out iSEED.

Undecided!?! No problem! On your application, please let us know which mentors and/or areas of science are most interesting to you, and upon acceptance, we will work with you to select the best mentor for you.

What's on the Agenda? May 29-August 4, 2018

As a CLIMB UP Fellow, you will:

- Complete individualized lab rotations
- Learn and apply laboratory skills (1-week course)
- Gain exposure to a wide variety of STEM disciplines
- Discover graduate and professional school possibilities at UB
- Present your research in a formal symposium setting
- Enjoy all that Summer in Western New York offers
- Build lasting relationships with mentors and fellow students

Who Is Eligible for CLIMB UP?

CLIMB UP trains highly qualified undergraduate students interested in scientific research. Students receive a living stipend through SURF, CLIMB PRO, or iSEED (and other sources if available), and housing is provided for students who live outside of Western New York. Students enrolled in the program are entering their sophomore, junior, or senior years in undergraduate programs in colleges and universities nationwide. We are often asked if students can be recent college graduates- and the answer is yes, but you should not be already enrolled in an advanced degree program. Students must be US citizens or permanent residents to be eligible for funding.

How Do I Apply?

Submit the following by **February 1, 2018**:

ONLINE APPLICATION FORM ([click here!](#)), which includes:

- a) **Personal statement** describing interest in research and career goals
- b) Your **most recent CV or resume**
- c) A **copy of your latest academic transcript** (unofficial is perfectly acceptable)

- d) **Two (2) letters of recommendation** from people who know you well (professor, advisor, supervisor, etc) can be uploaded through the application or through the CLIMB UP website. We strongly recommend that at least one of your letters be from someone who can comment specifically about your research experience. Please name the file this way: **StudentLastName_CLIMBUPRec** (ie, Wilson_CLIMBUPRec)

If you have specific questions, please feel free to contact us!

For further information, please visit us online OR- “Like” CLIMB UP on Facebook!

<https://www.facebook.com/CLIMBUPatUB>