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SUMMER RESEARCH PROGRAMS & INTERNSHIPS
EDGARDO SANABRIA-VALENTIN, PHD
ASSOCIATE DIRECTOR, PRISM

ESANABRIAVALENTIN@JJAY.CUNY.EDU
@EDGARDO_PHD
“La carrera perfecta es una en la cual tu tienes un trabajo que puedes hacer bien y que te gusta hacer.”

“The perfect career for you is one in which you can do the job well, and that you enjoy doing the work.”

-Blanca I. Valentín Ramos
HOW CAN YOU DEVELOP YOUR SKILLS? DISCOVER YOUR INTERESTS?

The best way to figure out if you like doing something is by doing it. The best way to demonstrate you can do something is by having done it. And if you cannot do it, then witness it.
WHAT ARE SUMMER UNDERGRADUATE RESEARCH PROGRAMS (SURP)?

- Externally funded (NSF, NIH, etc.) opportunities for students to join a research project for 8-10 weeks
- Came out of legislation from the 1980's
- Aimed at:
  - students at Colleges & Universities that do not have the research infrastructure/funding,
  - increasing access to students who lacked it,
  - increase # of people pursuing PhDs
- Usually located in R1 (Research Intensive) Institutions
- Structured programming
- Fully funded (stipend, travel) & Residential
SHOULD I DO A SURP?

Planning to Go to Graduate School

Unsure Type of Post-Grad School

Is a Career in Research for Me?
BUT I AM DOING RESEARCH AT JOHN JAY? WHY DO I HAVE TO GO AWAY?

- You are 100% Right!
- Do you HAVE to? No... But....

Part-time vs. Full-time Research Experience

Added Benefits (GRE courses, career exploration, networking)

3rd Letter of Rec for Grad School

Likelier Chance at Publication/Poster Presentation

Technical Development

Trying Out the "Grad School Experience"

Increased Chances of Grad School Admission
SO IF I DO NOT HAVE TO GO AWAY, WHY IS DR. E STILL TALKING TO ME ABOUT THIS?
## TYPICAL STRUCTURE OF A SURP

<table>
<thead>
<tr>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-10 Weeks of Research in PI's lab</td>
</tr>
<tr>
<td>Weekly Research Seminars/Journal Club</td>
</tr>
<tr>
<td>Professional/Skills Development</td>
</tr>
<tr>
<td>Social/Cultural Events</td>
</tr>
<tr>
<td>Symposium/Conference</td>
</tr>
</tbody>
</table>
HOW DO I FIND SURP'S?

- Applying only to NY schools decreases your chances
- Google:
  - Summer research program + Institution
  - Research Experience for Undergraduate
- Professional Organizations
- Ask your Mentor
- SciDeptStudents Listserver
The SR-EIP offers closely mentored research experiences in the life and physical sciences, social and behavioral sciences, and the humanities at 20 research institutions across the country. SR-EIP Participants...

• Spend 8–10 weeks at a Leadership Alliance institution.
• Receive a stipend, and travel and housing expenses from the research institution.
• Work under the guidance of a faculty or research mentor.
• Gain theoretical knowledge and practical training in academic research and scientific experimentation.
• Make oral or poster presentations at the Leadership Alliance National Symposium.
• Gain access to ongoing resources, mentoring, and professional networks to support your career path as a part of the Leadership Alliance community.
• Receive professional development mentoring on applying to graduate programs and learn about research careers from alumni.
The Summer Research Opportunities Program (SROP) is a gateway to graduate education at Big Ten Academic Alliance universities.

SROP helps prepare undergraduates for graduate study through intensive research experiences with faculty mentors and enrichment activities.

Weekly campus-based educational enrichment activities broaden your view of graduate education and research, along with strengthening your technical skills.

Campus workshops inform you about graduate admission procedures, financial aid opportunities, test-taking skills, preparing a presentation, and expose you to a wide range of research fields. Informal social gatherings provide a relaxed setting for students and faculty to exchange ideas and share experiences.

At the end of the summer, you present the results of your research project at a symposium or poster session held on your campus.

### SROP University

| University of Chicago | NA | Does not participate |
| University of Illinois at Urbana-Champaign | TBD | Shared Big Ten Academic Alliance Application |
| Indiana University | TBD | Does not participate |
| University of Iowa | TBD | Shared Big Ten Academic Alliance Application |
| University of Maryland | TBD | Shared Big Ten Academic Alliance Application AND Campus Supplemental Application |
| University of Michigan | TBD | Campus-specific Application |
| Michigan State University | TBD | Shared Big Ten Academic Alliance Application |
| University of Minnesota | TBD | Check Individual Programs for Participation at UMN Summer Research Program |
| University of Nebraska-Lincoln | TBD | Campus-specific Application |
| Northwestern University | TBD | Shared Big Ten Academic Alliance Application AND Campus Supplemental Application |
| The Ohio State University | TBD | Shared Big Ten Academic Alliance Application |
| Penn State University | TBD | Shared Big Ten Academic Alliance Application |
| Purdue University | TBD | Shared Big Ten Academic Alliance Application |
| Rutgers University-New Brunswick | TBD | Shared Big Ten Academic Alliance Application |
| University of Wisconsin-Madison | TBD | Campus-specific Application |

SRP dates are currently being updated for 2021. Please check back frequently for updates.
Email me at esanabriavalentin@jjay.cuny.edu if you are not in our mailing lists.
Personal Statement/Statement of Purpose

- An opportunity to introduce yourself to the person making decisions
- Should list what are your interests, what are your goals, how will participating help you and why are you applying to that specific program
- Most have prompts

Transcripts/Resume/Other

- Official vs. Unofficial

Letters of Recommendation

- 2-3 letters of recommendations
- Choose faculty members that can talk about your skills with clear examples and who at least know who you are
- Always ask for a "strong letter of rec"
- Avoid asking over email, offer materials (personal statement, resume, copies of academic assignments...), do not leave for last minute
- It is assumed you are waiving your right to read it
PERSONAL STATEMENTS

What to include
- Why are you passionate about your field
- What are your career goals
- Research description
  - No research, no worries!
  - Sound like a scientist
- Specific details about school, researchers, organization
- What they ask you to include

What to avoid
- Sob stories
- Destiny
- Other people quotes
- Unrelated information
- Thesaurization or overcomplicating
- Sounding like someone else
- Grammar/Syntax issues
- Writing the name of the school wrong
Cientifico Latino
Purdue Online Writing Lab (OWL)
The Alan Siegel Writing Center @ JJC
Center for Post-Graduate Opportunities @ JJC
PRISM, OSRC, McNair
Faculty members
Good writers
DEVON KAAT

**University of North Carolina at Charlotte**

**OSRC @ JJC Scholar**

**Research Experience for Undergraduates (NSF-REU) Program in Crime Analytics**

[https://criminaljustice.uncc.edu/research-experiences-undergraduates-reu](https://criminaljustice.uncc.edu/research-experiences-undergraduates-reu)
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INTERNSHIPS
WHERE TO FIND THEM
WHAT IS AND WHY SHOULD I DO AN INTERNSHIP

- **An internship** is a period of work experience offered by an organization for a limited period of time.

- Paid vs. Unpaid; Official vs. Unofficial

- For credit vs. Not for credit

The best way to figure out if you like doing something is by doing it. The best way to demonstrate you can do something is by having done it. And if you cannot do it, then witness it.
WHERE TO FIND THEM

- CPO + SciDept Listservers
- John Jay Careers Online – CCPD @ John Jay
- Professional Organizations
- The Internet
The HACU National Internship Program (HNIP)
“Opening Doors of Opportunity - Abriendo Puertas de Oportunidad”

Whether you are a student looking for an internship or a federal agency or corporation looking for an intern, we feel confident that we can help you in your pursuit. We are always in search of the best and the brightest to fill our many internship opportunities. We are also looking to partner with government and corporate sector organizations interested in developing the next generation of dedicated public servants and business leaders.

Our website contains information about our mission, upcoming program dates and deadlines, and ideas about how to get involved with our organization. Thank you for your interest in the HACU National Internship Program!

For information on HACU’s Corporate Internship Program, please click here.

2021 Internship Dates

<table>
<thead>
<tr>
<th>Session</th>
<th>Program Dates</th>
<th>Application Opens</th>
<th>Deadline</th>
<th>Number of Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2021</td>
<td>September 3 – December 18, 2020</td>
<td>CLOSED</td>
<td>June 19, 2020</td>
<td>15</td>
</tr>
<tr>
<td>Spring 2021</td>
<td>January 7 - April 23, 2021</td>
<td>OPEN</td>
<td>October 30, 2020</td>
<td>15</td>
</tr>
<tr>
<td>Summer 2021</td>
<td>June 3 - August 13, 2021</td>
<td>OPEN</td>
<td>Early Deadline: October 10, 2020</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>June 17 – August 27, 2021*</td>
<td></td>
<td>Quarter Deadline: February 26, 2021</td>
<td></td>
</tr>
<tr>
<td>Fall 2021</td>
<td>September 2 - December 17, 2021</td>
<td></td>
<td>January</td>
<td>15</td>
</tr>
</tbody>
</table>
The Pathways Program offers federal internship and employment opportunities for current students, recent graduates and those with an advanced degree. There are three different paths available:

**Eligibility**

**Internship Program**

The Internship Program is for current students. If you’re a current student in high school, college, trade school or other qualifying educational institution, you may be eligible. This program offers paid opportunities to work in federal agencies and explore federal careers while completing your education.

Learn more about the Internship Program.

**Recent Graduates Program**

**Presidential Management Fellows (PMF) Program**

**Other student programs and opportunities**

There are several other opportunities available to students, including:

- Department of State Student Internship program
- Virtual Student Federal Service (VSFS)
- National Security Education Programs such as Boren Scholarships, Boren Fellowships and English for Heritage Language Speakers Scholarships.
- Overseas Student Summer Hire program
- Summer jobs (for example, a lifeguard)
STUDENTS & GRADUATES

Do more with the knowledge you’ve worked hard to acquire and the passion you already have. Join the Fortune 150 global company that is leading the way into the next biocentury.

BECOME

Do more with the knowledge you’ve worked hard to acquire and the passion you already have. Join the Fortune 150 global company that is leading the way into the next biocentury. At Amgen, you will receive the resources and support to expand your skills, enhance your expertise, and maximize your potential.

Through our career development programs, you will acquire the valuable hands-on skills and foundational experience to advance a meaningful career in your chosen field.
Find your next job.

There are many ways to find opportunities in New York City government.

- Search by Interest
- Search by Agency
- Internships & Fellowships
LifeSci is visiting PRISM on December 2! Scan QR code for link to register!
APPLYING TO AN INTERNSHIP

- Depends on the internship
- Resume/CV – Center for Career & Professional Development @ JJC
- Cover letter – CCPD too!
  - Generic cover letters are the kiss of death
  - Why are you applying to that specific job
  - What do you bring to the position
  - How do your interest/skills/passions match the job description
- Interview in some cases
- Treat it like a job!
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