

Program Introduction

The Center for the Advancement of Students and Alumni (CASA) Summer Research Internship Application, 2024

APPLICATION TIME REQUIREMENT

This application should take 45-60 minutes to complete.

APPLICATION PREVIEW

To view a preview of the application, please click [HERE](#).

APPLICATION OPENS: November 13, 2024, at 12:00 am

APPLICATION DEADLINE: February 4, 2024, at 11:59 pm

The Center for the Advancement of Students and Alumni (CASA) is a university hub with the mission of helping to make Ph.D. programs, medical school, and law school accessible to Georgia State students and alumni. Ultimately, the center aims to increase diversity among leaders in academic and professional careers, enabling Georgia State alumni to create a more just and equitable society.

For which CASA Research Program(s) are you applying? (Please check your eligibility.)

- [Math Path Summer Program \(Math Path\)](#)** - (quantitative science majors or pathways including math, actuarial science, computer science, computer information systems, and engineering) - The Math Path Program supports the recruitment, retention, and progression of undergraduates from diverse backgrounds in pathways to quantitative science graduate programs around the nation. This program offers undergraduate students opportunities to engage in team-based research projects, professional skill bootcamps, and career explorations. Balance 5-6 in-person sessions with virtual workshops, panels, assignments, and team meetings over the summer. Requires a commitment of at least 10 hr per week over eight weeks. Program leaders suggest that student participants take no more than one summer class at the same time as this program. No prior research experience is required. Preference will be given to second-year (rising Sophomores) undergraduates will. All are encouraged to apply.

- Perimeter Research Assistantships (PRA)** - (All Majors/Pathways from Perimeter campuses of GSU) - Perimeter Summer Research Assistantships are offered by the Center for the Advancement of Students and Alumni (CASA) during the summer. The program is only for students at Perimeter College of Georgia State. The goal is to support students from Perimeter campuses in their endeavors toward medical school, law school, or other graduate or professional degrees by providing paid research experiences with Atlanta Campus faculty members, along with professional development workshops, over 10 weeks in the summer. This program is for Perimeter College students who have solid plans to transition to the Atlanta Campus within the next academic year, for completion of the bachelor's degree between 2025 and 2027.
- Center for Dynamic Multiscale and Multimodal Brain Mapping across the Lifespan (D-MAP)** - (All STEM majors at any U.S. undergraduate program) - D-MAP at GSU is a Center for Research Excellence in Science and Technology (CREST) Summer Program funded by the National Science Foundation. The CREST promotes the development of new knowledge, enhancements of the research productivity of individual faculty, and the expanded presence of students historically underrepresented in science, technology, engineering, and mathematics disciplines. D-MAP stands for the Center for Dynamic Multiscale and Multimodal Brain Mapping Across the Lifespan, reflecting the research interests of faculty and students to understand how the brain changes over the lifespan using various neuroimaging, data mining, analysis, machine learning, data visualization, and neuroinformatics technologies.

MATH PATH SUMMER PROGRAM (Math Path)

The Math Path Summer Program (Math Path) at Georgia State University is funded through the Equitable Pathways to Graduate School initiative of the Alfred P. Sloan Foundation. Math Path supports the recruitment, retention, and progression of undergraduates from diverse backgrounds in pathways to quantitative science graduate programs around the nation. Georgia State University leads the project in partnership with the National Math Alliance, with enthusiastic support from specific graduate programs at Arizona State University, the Georgia Institute of Technology, University of Michigan, University of Minnesota, and Purdue University, as well as Georgia State's own College of Arts and Sciences and Robinson College of Business. Not only are we offering undergraduate student opportunities such as research assistantships and transition grants, but also we aim to strengthen the departmental and institutional practices known to promote student success at the graduate level.

CURRENT APPLICATION DEADLINE: February 4, 2024, at 11:59 pm.

QUALIFICATIONS

- U.S. citizens, permanent residents, and international students are eligible. · Undergraduate, full-time degree-seeking student; Preference will be given to rising second-year undergraduates.
- Students must be at least 18 years of age, in good standing with the university, and enrolled full-time.
- Students should be majoring in quantitative science majors or pathways including math, actuarial science, computer science, computer information systems, and engineering.
- Applicants must be interested, motivated, and prepared to conduct guided group research with a team leader and other Math Path students, although prior research experience is not required.
- Individuals from demographic groups underrepresented in STEM fields are especially encouraged to apply (including those who identify as African American/African descent/Black, Hispanic/Latino/Latina, Pacific Islander, Native Hawaiian, or Native Alaskan,

individuals with documented disabilities, students receiving Pell Grant financial aid, and/or first-generation college-bound students).

- All applicants must be hard-working, collaborative, persistent, and curious, with high attention to detail and good time management skills.

Math Path PROGRAM HIGHLIGHTS

- Get paid \$1,000 to engage in team-based research projects.
- Professional skill and career explorations bootcamps.
- Become a Math Alliance Scholar – All undergraduates are invited immediately to become Math Alliance Scholars.

ADDITIONAL REQUIRED ELEMENTS

Math Path Participates Program Orientation

- A Research Orientation will occur after acceptance, but before paid research hours begin. Consult program directors for details.

Professional Development Workshops

- Weekly workshops will be held all summer, and monthly workshops will be held during the academic year. Most will occur in the CASA at 55 Park Place NE, Suite 320 or remotely via Webex. Consult program directors for a detailed schedule each semester.
- Led by Kyle Frantz, Ph.D., guest faculty or graduate student instructors
- Topics may include academic career considerations, developing scholarly projects, conducting research, professional communication and etiquette, building professional relationships in graduate school, applying to graduate programs, and more.

Research Symposia

- Summer research accomplishments will be highlighted in a Summer Research Symposium in August, including poster or oral presentations.
- Academic year research accomplishments will be highlighted through oral presentations at the Georgia State Undergraduate Research Conference (GSURC) in April.

PERIMETER RESEARCH ASSISTANTSHIPS (PRA)

The Perimeter Research Assistantships program focuses on students in any pathway or major from the Perimeter campuses, who are interested in pursuing a PhD, JD, or MD, perhaps with a master's degree along the way. This program is only for Perimeter College students. Applicants should provide their own research interests, but be flexible enough to work with individual faculty members on the faculty research interests during the summer, in order to gain valuable research training. Applicants should be planning on transitioning from a Perimeter campus to the Atlanta campus in order to continue their degree track and maintain professional relationships with faculty, staff, and students they have encountered during their experience as a Perimeter Research Fellow.

CURRENT APPLICATION DEADLINE: February 4, 2024, at 11:59 pm.

QUALIFICATIONS

- Undergraduate, full-time degree-seeking student at Georgia State University currently enrolled at a Perimeter campus.
- Student should be interested in pursuing a PhD, medical, or law degree in the future, including students who would like to enter a master's degree before entering other programs.
- Students can be enrolled in any major or pathway available at Georgia State University, but they must be interested in professional degree pathways.

- Applicants must be interested, motivated, and prepared to conduct research with a faculty member, although prior research experience is not required.
- Applicants may identify research mentors on the Atlanta campus to submit with their application materials, otherwise they will receive assistance with finding a faculty mentor upon acceptance into the program.
- Expected graduation with the bachelor's degree between 2025-2027.
- Application is open to international students, as well as U.S. citizens, non-citizen nationals, and permanent residents.
- Individuals from demographic groups underrepresented in the U.S. professional workforce are especially encouraged to apply (including those who identify as African American/African descent/Black, Hispanic/Latino/Latina, Pacific Islander, Native Hawaiian, or Native Alaskan, individuals with documented disabilities, students receiving Pell Grant financial aid, and/or first-generation college-bound students).
- All applicants must be hard-working, collaborative, persistent, and curious, with high attention to detail and good time management skills.
- Participants must have their own reliable transportation to the Atlanta Campus for workshops and research activities each week.

PERIMETER RESEARCH ASSISTANTSHIP - PROGRAM HIGHLIGHTS

- Paid part-time research assistantships at Georgia State (average of 10 hours/week during 10 weeks in the summer - late May to early August).
- Pay rate of \$11/hour (requires completion and approval of employment documents at the Human Resources Office located at One Park Place, Atlanta campus) for up to 90 hours (\$1000) during the summer.
- Program is for those who are willing to make a summer commitment to a faculty mentor, research endeavors, presentation of research, and participation in professional development workshops.
- Weekly professional development workshops on the Atlanta Campus or via Webex are required and cover topics such as developing scholarly projects, building professional relationships in graduate school, emotional intelligence, and more.

ADDITIONAL REQUIRED ELEMENTS

CASA Fellows Program Orientation

- A Research Orientation will occur after acceptance, but before paid research hours begin. Consult program directors for details.

Professional Development Workshops

- Weekly workshops will be held all summer. Most will occur in the CASA at 55 Park Place NE, Suite 320 or remotely via Webex. Consult program directors for a detailed schedule each semester.
- Led by Kyle Frantz, Ph.D., and guest faculty or graduate student instructors
- Topics may include academic career considerations, developing scholarly projects, conducting research, professional communication and etiquette, building professional relationships in graduate school, applying to graduate programs, and more.

Research Symposia

- Summer research accomplishments will be highlighted in a Summer Research Symposium in August, including poster or oral presentations.

D-MAP SUMMER PROGRAM

D-MAP at GSU is a Center for Research Excellence in Science and Technology (CREST) Summer Program funded by the National Science Foundation (NSF). The CREST promotes the development of new knowledge, enhancements of the research productivity of individual faculty, and the expanded presence of students historically underrepresented in science, technology, engineering, and mathematics (STEM) disciplines. D-MAP stands for the Center for Dynamic Multiscale and Multimodal

Brain Mapping Across the Lifespan, reflecting the research interests of faculty and students to understand how the brain changes over the lifespan using various neuroimaging, data mining, analysis, machine learning, data visualization, and neuroinformatics technologies. D-MAP is launching a new summer program for undergraduates. The summer program pays a stipend of \$4000 to engage full-time in research and professional development.

CURRENT APPLICATION DEADLINE: February 4, 2024, at 11:59 pm.

QUALIFICATIONS

- Full-time, baccalaureate degree-seeking student at a US college or university.
- GPA of 3.0 or higher
- Applicants must be interested, motivated, and prepared to conduct research with a faculty member, although prior research experience is not required.
- Applicants may identify research mentors on the Atlanta campus to submit with their application materials, otherwise they will receive assistance with finding a faculty mentor upon acceptance into the program.
- Expected graduation year between 2025.
- Application is open to U.S. citizens, non-citizen nationals, and permanent residents.
- Individuals from demographic groups underrepresented in STEM fields are especially encouraged to apply (including those who identify as African American/African descent/Black, Hispanic/Latino/Latina, Pacific Islander, Native Hawaiian, or Native Alaskan, individuals with documented disabilities, students receiving Pell Grant financial aid, and/or first-generation college-bound students).
- All applicants must be hard-working, collaborative, persistent, and curious, with high attention to detail and good time management skills.
- Students may apply from outside the Atlanta, GA area. CREST is not responsible for providing or assisting with housing or housing information. Meals are not included.

D-MAP PROGRAM HIGHLIGHTS

- A monthly stipend (\$4000) is paid to each participant.
- Program is for those who are willing to make a commitment to a faculty mentor, research endeavors, presentation of research, and participation in professional development workshops.
- Professional development workshops are required and cover topics such as developing scholarly projects, building professional relationships in graduate school, developing emotional intelligence, and more.

ADDITIONAL REQUIRED ELEMENTS

D-MAP Fellows Program Orientation

- A Research Orientation will occur after acceptance.
- Expected to work with research teams for 35 hours per week and reserve 5 hours per week for workshops and program-associated tasks.

Professional Development Workshops

- Weekly workshops will be held all summer. Most will occur in the CASA at 55 Park Place NE, Suite 320 or remotely via Webex. Consult program directors for a detailed schedule each semester.
- Led by Kyle Frantz, Ph.D., guest faculty or graduate student instructors
- Topics may include academic career considerations, developing scholarly projects, conducting research, professional communication and etiquette, building professional relationships in graduate school, applying to graduate programs, and more.

Research Symposia

- Summer research accomplishments will be highlighted in a Summer Research Symposium in August, including poster or oral presentations.

Demographics

First Name

Last Name

University or Institution

Panther ID Number (if a Georgia State University Student)

Georgia State (or other university/institution) Student Email Address (e.g. smith22@student.gsu.edu)

Alternative Non-university/institution Email Address (e.g. Gmail, Yahoo, etc.)

Applicant Phone Number

Gender Identity

- Male
- Female
- Other (Please explain, if desired.)
- I do not wish to provide this information.

Self-Identified Racial/Ethnic Groups (check all that apply)

- African American/African Descent/Black
- Asian
- Caucasian/White
- Hispanic/Latinx
- Native American/American Indian/Native Alaskan
- Pacific Islander/Native Hawaiian/Native Alaskan
- Other (Please explain, if desired.)
- I do not wish to provide this information.

Are you a veteran or currently serving active duty on any branch of the U.S. Military?

- No, I have never served in the U.S. Military
- Yes, I am currently on active duty.
- Yes, I am a Reservist who is not serving active duty.
- Yes, I was honorably discharged.
- Yes, I was dishonorably discharged.
- Yes, I am retired.
- Yes, I am a disabled veteran.
- Other (Please explain, if desired.)
- I do not wish to provide this information.

Do you receive financial aid for college in the form of a Pell Grant?

- Yes
- Not Sure
- No
- I do not wish to provide this information.

Did any of your parents or grandparents graduate from college?

- Yes
- Not Sure
- No
- I do not wish to provide this information.

Do you have a documented disability?

- Yes
- No
- I do not wish to provide this information.

Are you an international student?

- Yes
- No
- I do not wish to provide this information.

Campus Attendance

On which Georgia State campus do you attend most of your classes?

- Alpharetta
- Atlanta/Downtown
- Clarkston
- Decatur
- Dunwoody
- Newton
- I do not attend GSU

When do you intend to transition to the Atlanta Campus?

- I do not currently have plans to transition to the Atlanta campus.
- Spring 2022
- Summer 2022
- Fall 2022
- Spring 2023
- Summer 2023
- Fall 2023
- Spring 2024
- Other (Please explain)

Academic Record

What is your current pathway?

- American Sign Language
- Anthropology
- Art
- Biology
- Business Administration
- Chemistry
- Computer Science
- Criminal Justice
- Dental Hygiene
- Education
- Engineering
- English
- Film and Media Studies
- General Studies
- Geology
- Health Sciences
- Homeland Security and Emergency Management
- Journalism
- Kinesiology and Health
- Mathematics
- Music
- Nursing
- Philosophy
- Physics

- Political Science
- Psychology
- Radiologic Technology
- Social Work
- Sociology
- Speech Communication
- Sport Management
- Theatre
- World Languages
- World Languages with Business Economics
- Other (Please Describe)

What is your current major? (Click only one major. The next question allows you to provide a double-major.)

- Accounting
- Actuarial Science
- African-American Studies
- Anthropology
- Applied Linguistics
- Art Education
- Art History
- Arts Administration
- Asian Studies
- Biology
- Biomedical Sciences and Enterprise
- Business Economics
- Chemistry
- Clinical Health Informatics
- Computer Information Systems
- Computer Science
- Criminal Justice
- Economics
- Education
- English
- Environmental Science - Public Health concentration
- Environmental Science - Other Concentration

- Exercise Science
- Film and Media
- Finance
- French
- Game Design and Development
- Geosciences
- German
- Gerontology
- Global Studies
-
- History
- Hospitality Administration
- Human Learning and Development
- International Economics and Modern Languages
- Jazz Studies
- Journalism
- Law and Society
- Managerial Science
- Marketing
- Mathematics
- Media Entrepreneurship
- Middle East Studies
- Music Education
- Music Management
- Music - Composition or Performance
- Music Technology
- Music Theory
- Neurosciences
- Nursing
- Nutrition Science
- Philosophy
- Physics
- Political Science - Pre-Law concentration
- Political Science - International Studies concentration
- Political Science - Political Theory concentration
- Psychology
- Public Health

- Public Policy
- Real Estate
- Religious Studies
- Respiratory Therapy
- Risk Management and Insurance
- Sign Language Interpreting
- Social Work
- Sociology
- Spanish
- Special Education
- Speech Communication
- Sport Administration
- Sport Administration
- Theatre
- Women, Gender, and Sexuality Studies
- Other (Please Describe)

Do you have a second major?

- Yes (Please Describe.)

- No

Do you have a minor?

- Yes (Please Describe.)

- No

What degree program are you currently enrolled in?

- Associate of Arts (A.A.)
- Associate of Science (A.S.)
- Bachelor of Arts (B.A.)
- Bachelor of Science (B.S.)
- Bachelor of Interdisciplinary Studies (B.I.S.)

Dual Degree Program (4+1 Program - Bachelor/Masters combination)

Other (Please Explain.)

What advanced degree(s) are you interested in seeking? (Select all that apply.)

Medical Degree (M.D.)

Dental Degree (D.M.D.)

Veterinary Degree (D.V.M.)

Master's Degree (M.S. or M.A.)

Law Degree (J.D.)

Doctoral Degree (Ph.D., Ed.D., Psy.D., etc.)

Other (Please Explain.)

I am not currently interested in seeking an advanced degree.

If you are not interested in pursuing an advanced degree at this time, why not?

I am unfamiliar with these types of degrees.

My career goals do not require any of these degrees.

I do not want to be isolated in my career choices to doctor/lawyer/professor.

Getting an advanced degree will take too long.

I would like to enter the workforce immediately upon graduation with my Bachelors

I will not be able to afford getting an advanced degree,

My family circumstances do not allow me to seek another degree once I graduate.

I am uncertain about the benefits of an advanced degree at this time.

Other (Please Describe.)

Not applicable I do plan on seeking some sort of advanced degree.

What year do you expect to graduate with your Bachelor's degree (4 year).

2023

2024

2025

2026

Other (Please Explain.)

In what range does your current GPA fall?

- 0.00-1.99
- 2.00-2.99
- 3.00-3.49
- 3.50-3.99
- 4.00+
- I currently have no GPA as I have not completed any credit hours.

Are you currently a member of the Honors College at Georgia State University?

- Yes
- No
- No, but I am considering applying for the Honors College in the future.

Research Skills and Experiences

Have you conducted research with a Georgia State faculty member (other than in a class)?

- Yes
- No
- I have conducted research outside Georgia State University

Where did your outside research take place? What was the project you were working on? What were your specific duties? (Please write between 100 and 250 words.)

What is the name of the Georgia State faculty member you worked with?

Describe the project you were/are working on? What were/are your specific duties?
(Please write between 100 and 250 words. Note that answers less than 100 words will disqualify the application.)

How long did you conduct research with this faculty member?

- I have not yet started any research with this faculty member.
- Four months or less
- Four to eight months
- Eight months to a year
- A year or more
- I am still working with this individual.
- Other (Please Explain.)

If selected as a fellow for any of the CASA sponsored research programs, would you like to continue to work with this faculty member?

- Yes

No

If selected as a fellow for any of the CASA sponsored research programs, would you like assistance with finding a faculty research mentor?

Yes

No

How much experience do you have with any of the following research skills/topics? (Your answers will not be used to exclude you from any program, but rather will be used as a tool to assist in mentor matching and program planning for professional development seminars).

	No experience	Some (e.g. exposed in one or two classes)	A moderate amount (e.g. used consistently and in detail in upper level classes)	A great deal (e.g. used consistently on your own or faculty led research)
Identifying parts of the research methods in my field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating or writing a research design or project plan (e.g. creating a survey, writing an interview guide, designing an experiment, forming a hypothesis)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using databases to find peer-reviewed literature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with quantitative or qualitative data (e.g. finding data sets, cataloging responses, basic statistical analysis, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Performing research (e.g. performing focus groups/interviews, visiting archives, working in a lab)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpreting or writing about data or research (e.g. writing a literature review, summarizing research results)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formally presenting research findings (e.g. posters, oral presentations, papers, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Have you completed any required research trainings or certifications at Georgia State University/other university or institution (e.g. CITI Training, Biosafety, IACUC, etc.)?

Yes (Please Describe.)

No

Employment Positions

Are you currently employed by Georgia State University? (For example, are you paid to do research work in a lab, work in the library/rec center/student center, or have a position through Panther Works, etc.?)

Yes

No

Do you have a current research assistantship position? (For example, are you a University Presidential Scholar, Honors UAP, etc.)? Please note that your answer to this question will not affect your consideration for the program in any way.

Yes

No

Short Answer/Essay Questions

Reviewing Criteria

	1 Low	2	3 Middle	4	5 High
Knowledge for Research/Scholarly Work	Answers fail to include questions, hypotheses, or approaches to research. Answer about research is off-topic or shows insufficient comprehension of the purpose of research.	Applicant can convey some basic research concepts but fails to fully comprehend approaches to research. Answers include minimal discussion or comprehension of research concepts.	Applicant can convey reasonable ideas about the purpose of research. Applicant identifies <u>one</u> of the following: hypotheses, research questions, or approaches to research.	Applicant can convey current research <u>or</u> future research well but does not demonstrate a mastery of both. Student identifies <u>most</u> of the following: research questions, hypotheses, and approaches to research.	Applicant can accurately convey current research being done <u>and</u> innovative avenues for future research. Student shows a mastery of identifying potential questions, hypotheses, and approaches to research.
Perceived Benefit from Research/Scholarly Work	Applicant does not appear to be able to benefit from research experience.	Applicant identifies superficial benefits to research/scholarly work (i.e., Add to resume)	Applicant integrated benefits from research/scholarly work only into their college experience	Applicant integrated benefits from research/scholarly work into their college experience and career goals.	Applicant integrated benefits from research/scholarly work into their college experience and career goal and <u>as a way to</u> benefit society.
Career Interest and Plans	Applicant's career interests and plans do not appear reasonable or well-informed enough to join or benefit from mentored research experience.	Applicant discusses career interests loosely but lacks any coherence and or career interests and plans do not align with program goals.	Applicant's career interests and plans are present but are not clearly detailed or well-informed and/or only marginally align with program goals.	Applicant identifies career interests and plans but lacks some feasibility or continuity. Alignment with programs goals emerges.	Applicant's career interests and plans are well explained and aligned with program goals.
Writing Skills	Written responses are not clear or concise. Grammar and spelling issues are pervasive, and they make the answers unreadable. Responses lack coherence or are short/incomplete.	Written responses are difficult to understand due to grammar and spelling issues found throughout the answers. Logical ideas are emergent	Written responses are understandable but contain some grammar/spelling errors that distract. Logical ideas are also conveyed.	Written responses are clear with fully developed ideas and minor errors do not impede understanding or completeness.	Written responses are clear and concise, well-written, and show sophisticated expression and nuanced responses. Responses contain no /few grammar/spelling errors and the structure of writing assists with conveying ideas.
Passion and Curiosity	The application does not convey passion and curiosity for research.	The application conveys emerging ideas of passion and curiosity, but they are not linked to unique experiences.	The application conveys passion and curiosity that is ground in unique experiences.	The application conveys passion and curiosity that are ground in unique experiences and related to burning questions	Well-developed passion, curiosity, and burning questions are related to awareness of self and society.
Total Number of boxes in each column	Number of boxes x 1 = _____	Number of boxes x 2 = _____	Number of boxes x 3 = _____	Number of boxes x 4 = _____	Number of boxes x 5 = _____

In the following question, you will be asked several short answer questions. Your answers will be scored using this rubric. **Please be sure to carefully review this rubric when writing your answers AND follow the word limits for each essay, they are different.**

Please describe the source of your interest or inspiration in conducting research or your passion for documenting human experiences. For example, was a particular person or

event influential in your decision to pursue a research path? (Please write between 100 and 250 words. **Note that answers less than 100 words will disqualify the application.**)

How do you feel you would most benefit from the CASA sponsored research assistantship programs? (Please write between 100 and 250 words. **Note that answers less than 100 words will disqualify the application.**)

Please provide a brief description of the general topic that you would like to study as a part of your research assistantship. If you are selected, we will make every effort to match you with a mentor who is conducting similar research/work, but note that this may not always be possible. (Please write between 100 and 250 words. **Note that answers less than 100 words will disqualify the application.**)

Doing research relies on our ability to be able to answer questions about interesting phenomena. Given that much of what we do is trying to find answers to unsolved questions, how do you approach the unknown? (Please write between 100 and 350 words. **Note that answers less than 100 words will disqualify the application.**)

Describe your immediate post-college goals. When answering this question, write about your 3-5 year plan, including your academic and job goals. (**Please write between 250 and 350 words. Note that answers less than 250 words will disqualify the application.**)

Describe your long-term career goals. When answering this question, write about your 10-year plan, including your ideal, ultimate career goals. (Please write between 250 and 350

