

**AGLP 2023-2024 APPLICATION**

**DUE JULY 31, 2023**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Department: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Area of Research: \_\_\_\_\_

Years in Program: \_\_\_\_\_ Anticipated Graduation Date (semester/year): \_\_\_\_\_

**Area of Interest:** Please place a check mark next to the internship opportunity you desire to pursue. If applying for more than one opportunity, please rank your selections. A description of each internship opportunity follows this application document.

(X)	TRACK	OPPORTUNITY
<input type="checkbox"/>	Academia	<i>New Experiments</i>
<input type="checkbox"/>	Academia	<i>Professional Mentorship</i>
<input type="checkbox"/>	Academia	<i>Communications</i>
<input type="checkbox"/>	Policy & Public Service	<i>Policy and Government Relations</i>
<input type="checkbox"/>	Policy & Public Service	<i>K-12 Outreach</i>
<input type="checkbox"/>	Business & Industry	<i>Technology Ventures</i>
<input type="checkbox"/>	Business & Industry	<i>Student Ventures</i>
<input type="checkbox"/>	Business & Industry	<i>Yale School of Management</i>

**Essay:** In no more than 750 words explain why you have chosen this opportunity, what your career aspirations are, and how you think this program will help better prepare you for your career.

**Summary of Research Progress:** Please discuss your application with your faculty advisor, including any impact that participation in the SEAS Advanced Graduate Leadership Program might have on fulfilling degree requirements and expectations. In no more than 250 words summarize that discussion in your application.

**CV:** Please submit your CV.

**Letter of Recommendation:** Please provide a letter from your faculty advisor as either as an attached document to your application or via email from your advisor to [Vincent.Wilczynski@Yale.edu](mailto:Vincent.Wilczynski@Yale.edu).

**Signature of Understanding:** All SEAS Advanced Graduate Leadership Program Fellows must remain in good academic standing and maintain acceptable progress toward their degree for the duration of their participation in this program. I understand that I must remain in good academic standing and maintain acceptable progress toward a degree through the duration of my participation in this program and that participation should impact progress toward existing research and academic commitments. If granted the opportunity to participate in this program, I agree to regularly discuss my progress toward a degree with my faculty advisor and complete all requested progress reports.

---

Applicant signature

Date

## DESCRIPTION OF INTERNAL INTERNSHIP OPPORTUNITIES

Students may choose opportunities from the list below. All internal internships are unpaid, and a modest budget is available for approved activities.

**ACADEMIC OPPORTUNITIES** focus on the competencies and experiences that form the basis for becoming a successful professor and researcher. Fellows will benefit from internship and educational opportunities that allow them to hone skills in teaching, research, and outreach.

Students selected to the Leadership Program will work with the program coordinator to establish a portfolio of experiences that could include participation in any of the following activities.

### 1. *New Experiments*

Supports the development of new experiments and laboratory techniques used to further academic career development (not part of the student's dissertation research).

### 2. *Professional Mentorship*

Supports the development of professional expertise through teaching mentorship and grant-writing assistance and proposal review for new research (not part of dissertation). Fellows may be paired with one of Yale's leading engineering professors for one-on-one mentorship, in addition, they may participate in grant writing clinics and other relevant courses on campus, including those offered through the Poorvu Center for Teaching and Learning.

### 3. *Communications*

Supports an internship with the Yale Office of Public Affairs and Communication (OPAC) to gain experience writing press releases on current research, developing stories and graphic illustrations of research, and working with faculty and students to produce webcasts and short videos on their work for SEAS/OPAC websites.

**POLICY & PUBLIC SERVICE OPPORTUNITIES** are designed for students interested in policy, law, and/or careers in science education and outreach. Fellows will benefit from internship opportunities at Yale where they may apply their science and engineering education to develop policies and create programs that will benefit society at large.

### 1. *Policy and Government Relations*

Consists of a one-semester internship in the Office of Federal Relations at Yale. The Fellow will be assigned an issue to become involved with. This assignment includes closely following legislation and related debate; keeping the office informed of key events, such as hearings, markups and votes; as well as identifying opportunities for Yale faculty or staff to testify. The Fellow will help brief various offices within Yale and participate in internal discussions about implementation of new federal rules, when appropriate. The position could include visits to Washington, D.C. for relevant hearings,

meetings, and/or conferences. Candidates must demonstrate excellent writing and communication skills.

## **2. *K-12 Outreach***

Consists of a one-semester internship with the Yale Office of New Haven and State Affairs (ONHSA). Fellows will gain an understanding of K-12 science education and ways in which universities can make resources available to local teachers and students. To gain experience, Fellows will volunteer in an existing outreach program of interest, observe in K-12 classrooms and contribute to ONHSA's Science Pathways program. Pathways is a University-wide outreach initiative, which actively supports students in a sustained manner from middle school through high school and beyond. This fellowship offers students the opportunity to develop as scientists and educators, an increasingly vital component of successful academic careers.

***BUSINESS & INDUSTRY OPPORTUNITIES*** focus on management, entrepreneurship, and experiences that provide a practical application of the fellow's engineering education and training to gain an understanding of the business processes related to product development. Fellows will participate in a Yale internship or a four-semester course sequence offered by the Yale School of Management.

### **1. *Technology Ventures***

Consists of a one-semester internship with Yale Ventures where fellows will gain opportunities to shape how Yale inventions are translated into commercial products and services by entrepreneurs and venture capital firms. As new venture analysts, Fellows will directly participate in the development of strategies for new ventures based on competitive market analysis and intellectual property position, the building of management teams, and alternative funding and business models. Fellows will attend and participate in a wide array of business meetings with Yale faculty, corporations, and venture capitalists, as well staff meetings, where they will have opportunities to present and discuss their work with Yale's licensing team.

### **2. *Student Ventures***

Consists of a one-semester appointment at the Tsai Center for Innovative Thinking at Yale. The Fellow will help the Tsai CITY staff assess and implement a wide range of student innovations, as well as to work alongside founders of existing Yale student ventures, contributing to the development of a range of products and services. The Fellow may also be expected to contribute to a student venture's understanding of market competitors, their specific technology platforms, and to provide an analysis of relevant intellectual property. The Fellow will allocate time between a handful of specially selected ventures, actively participating in a wide array of meetings with Tsai CITY staff, venture team members, early stage investors, and outside mentors.

**3. *School of Management***

Consists of a four-semester of courses, selected by the Fellow and subject to availability, in the Yale School of Management.