CUSP SUMMER ENHANCEMENT FELLOWSHIP
AMERICAN COUNCIL OF ENGINEERING COMPANIES
OF NEW YORK (ACEC-NY) PROGRAM

SUMMER 2013 APPLICATION
DEADLINE: FRIDAY, MARCH 1, 2013

The CUSP Summer Enhancement Fellowship provides a competitive grant to assist C. P. Davis Scholars in securing structured work opportunities during the summer 2013 that are in line with the Program’s mission and the student’s academic trajectory. Encouraging interdisciplinary career exploration and building upon Scholars’ developing academic interests, the fellowship is specifically designed to allow Scholars to pursue these critical experiences as early as their first summer. By financially supporting the exploration of academic questions and social issues through well-defined and formally-presented research projects and practicums, this fellowship fosters intellectual curiosity, the clarification of ideas and beliefs, an enhanced sense of participation in the academic community, and the opportunity to contribute to the community at large.

In partnership with the American Council of Engineering Companies-New York (ACEC-NY), CUSP created an ongoing, sustainable relationship with New York engineering firms interested in hiring rising sophomores, juniors and seniors from the Fu Foundation School of Engineering and Applied Science for summer practicums. This practicum complements an already rigorous engineering curriculum aimed to create a class of engineers better prepared to handle the challenges of a rapidly changing world. Applicants will select the firm where they would like to work for the summer. All eligible Scholars will be evaluated according to their credentials, preparation, and interests. This process may require an interview with the firms. CUSP-ACEC Program recipients are compensated with a competitive practicum salary. *Please note that we cannot guarantee full financial coverage for the duration of the grant.*

The CUSP-ACEC Program is competitive and highly selective. Applications will be evaluated by a Selection committee on the basis of the applicant’s overall fulfillment of the selection criteria. Incomplete applications and candidates who do not meet the criteria will not be considered. Interviews for selected proposals will take place in early March 2013. Applicants will be notified of a decision by email. Applications may be found online at [http://www.studentaffairs.columbia.edu/scholars/fellowships/cusp-acec](http://www.studentaffairs.columbia.edu/scholars/fellowships/cusp-acec) or picked up at the Columbia Undergraduate Scholars Program (CUSP) Office in the Center for Student Advising in 403 Lerner Hall. *Completed applications for the CUSP-ACEC Summer 2013 Program must submitted to Dean Kristin Gager (keg2114@columbia.edu) in the CUSP Office no later than Friday, March 1, 2013 at 12pm.*

All Scholars receiving the CUSP Summer Enhancement Fellowship will be required to contribute to a running blog, submit an Abstract and present the results of their practicum experience at a Fall Symposium by the end of September 2013. In addition all applicants *must* attend two workshops in order to be considered for the Fellowship.
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CUSP-ACEC PROGRAM PARTNERSHIP LIST FOR SUMMER 2013

INDICATE TOP CHOICE:

- Gannett Fleming Engineers and Architects, P.C.
- Hazen and Sawyer, P.C.
- Weidlinger Associates, Inc.
- Murray Engineering

Gannett Fleming has evolved from a three-person firm in 1915 to currently employing more than 1,900 highly qualified, dedicated individuals that provide an array of services in the transportation, water/wastewater, facilities, environmental, and information technology disciplines. Our more than 50 offices throughout the United States and Canada allow us to provide consulting engineering, planning, and construction management services in almost every geographical area. Gannett Fleming has completed thousands of assignments in all 50 states, the District of Columbia, the U.S. Virgin Islands, Puerto Rico, and more than 50 countries. Disciplines of practice: civil, structural, geotechnical, mechanical, electrical, plumbing, architecture, construction management, planning, information technology, vertical transportation, facilities management, environmental science and site remediation in the infrastructure and building industry (transportation, transit, water/wastewater, facilities).

2. Hazen and Sawyer, P.C.  (www.hazenandsawyer.com)
Hazen and Sawyer provides environmental engineering services to public and private clients in the fields of water supply, treatment and distribution; wastewater collection and treatment; and storm water management. Founded in 1951 we’ve completed thousands of successful assignments, won scores of awards and earned the trust of some of the world’s most demanding clients. We have 24 offices in the U.S. and Latin America and a multidisciplinary staff, many with leadership roles in professional organizations. In 2008 Engineering News Record ranked Hazen and Sawyer 17th of the top 500 design firms in the country in the area of water and 18th in the area of sewer/waste. This practicum is best suited for earth and environmental and/or civil engineering students.

3 Murray Engineering  (www.murray-engineering.com)
Established in 1998, Murray Engineering, P.C. provides a full range of design development and engineering services for new and existing buildings. Our diverse project list includes new construction as well as the evaluation, maintenance, alterations and preservation of existing structures. We have had the opportunity to work on large, prestigious retail spaces on Madison Avenue, multi-family housing in the New York/New Jersey area and numerous institutional projects such as hospitals and schools. Throughout our ten years of existence, Murray Engineering had demonstrated a passion for building envelope science and sustainable construction.
MANDATORY CUSP/ACEC SUMMER ENHANCEMENT FELLOWSHIP 2012-2013 WORKSHOP TIMELINE

Two New Mandatory Workshops:

The workshops necessary for applying for a Summer Enhancement Fellowship are designed to help applicants acquire the skills necessary for the development of a sound proposal for the application and to prepare applicants for what is expected of them over the summer and at the end of the internship. The first workshop will take students through the steps of crafting a competitive proposal for the CUSP/ACEC Summer Enhancement Fellowship. In addition, the workshop will cover putting together a budget proposal, budget reconciliation procedures, self-assessment and reporting during the course of the internship, and producing an Abstract and a Presentation at the end of the summer. The second workshop covers issues of cultural and workplace boundaries. ACEC applicants are required to attend these two workshops even though your application is due March 1, 2013.

I. Summer Enhancement Fellowship Workshop, Spring 2013:

The first workshop is being offered at three (3) separate times to best accommodate your schedule. Your attendance at one (1) of the three workshop slots is mandatory to be considered for the Fellowship:

- Workshop 1: Wednesday - March 6, 2013 (6-8pm)
- Workshop 2: Friday - March 15, 2013 (2-4pm)
- Workshop 3: Monday - March 25, 2013 (12-2pm)

This workshop will cover the following skills:

- Proposal writing
- Budget preparation and reconciliation
- Self-assessment and reporting techniques
- Abstract writing
- Presentation skills

In addition to the above workshop, all students will be required to attend a Pre-Fellowship workshop on cultural and workplace boundaries to be led by a panel of experts and students.

II. Pre-Fellowship Workshop on Cultural and Workplace Boundaries:

Workshop to be held at the end of April, 2013 (Date, place, time TBA).

If you have a class scheduling conflict with the time and day of the meetings, please contact the GA, Taina Dougé (td2387@columbia.edu).
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APPLICANT INFORMATION FORM

Name: ___________________________________________________

Class Year: ______________ Scholar Type______________________________

UNI: ______________ PID_____________ Cell Phone: ______________

GPA: ______________ Major/Concentration: _______________________

Please answer each of the following questions. Please type your answers.

1. Explain your interests in working with the firm you have selected. What do you intend to learn from this experience? How does this align with your academic and career interests?

2. Describe two CUSP events that you have attended this year and what you learned from them.

3. What are the three most significant courses (including high school, study abroad, and higher education institutions) you have taken in preparation for this upcoming summer experience? Please explain.

4. Why should you be considered for this fellowship?

PLEASE CHECK REQUIRED ATTACHMENTS INCLUDED IN THIS APPLICATION:

- Application Information Form
- Official Columbia University Transcript
- Resume
- Budget Proposal Form
- 2 Letters of Reference *(1 must be an academic letter)*
- CUSP-ACEC Partnership Form