2010 Summer Scholar Program Application
Columbia University
Hospital for Special Surgery

Introduction and Background

Steamboat Foundation invests in talented undergraduates who have the promise to become engaged leaders and pioneers in their field of interest. The Foundation’s Summer Scholar Program cultivates leadership in these young men and women through a unique summer fellowship that is unparalleled in the world of college internships. Through a highly selective process, an exclusive group of college juniors are chosen each year as Steamboat Scholars. The opportunity includes:

- A prestigious ten-week internship, in this case at Hospital for Special Surgery, with a mentor and individual research project.
- The benefit of living and learning with a peer group of talented young leaders in New York City and Boston.
- Participation in Foundation-sponsored dinners and cultural events, including the opportunity to meet highly accomplished individuals from a range of fields.
- Bi-weekly dinners and dynamic leadership coaching that encourages personal and professional development and risk-taking.
- A financial award of $12,000.

Each year, a single student from each of the Foundation’s University Partners – including Columbia – is selected to participate in a corresponding internship, generously hosted by one of thirteen preeminent Grant Partners that represent a wide range of industries. In addition to Hospital for Special Surgery, these include: Bloomberg News, Center for Court Innovation, Cold Spring Harbor Laboratories, Dana-Farber Cancer Institute, Facing History and Ourselves, Forbes Inc., Isabella Stewart Gardner Museum, New York Football Giants, Reed Hilderbrand, Union Square Hospitality Group, Vineyard Vines and WABC & WPLJ Radio.

Steamboat Foundation was founded in 2003 by Andrew Walter and Peer Pedersen Jr., Managing Partners of Blue Orchid Capital, LLC. Their vision is to invest in talent by offering truly unique work experiences to exceptional students who might not otherwise have access to influential leaders in their chosen field of interest. The designation of “Steamboat Scholar” recognizes the extraordinary talent and accomplishment of the award recipients.

Grant Partner – Hospital for Special Surgery, New York City

Founded in 1863, Hospital for Special Surgery has been the hospital of choice for countless individuals suffering from musculoskeletal conditions. These include, among others, arthritis and osteoporosis, spine and sports injuries, cerebral palsy and spinal bifida. HSS physicians are highly respected specialists who train at top medical schools and hospitals. The training, experience and focused specialties of HSS doctors rank them among the most qualified anywhere in the world. HSS has been recognized for its excellent medical care in The Best Hospitals in America, The Best in Medicine, and U.S. News & World Report’s annual ranking of America’s Best Hospitals.

Steamboat Scholar Opportunity
For the first month, the Scholar shadows clinical consultations and observes surgical procedures from the operating room with Dr. David Altchek. Dr. David Altchek is Attending Orthopedic Surgeon in the Sports Medicine and Shoulder Service at the Hospital for Special Surgery. He is the Medical Director for the New York Mets and the New Jersey Nets. Dr. Altchek serves as the North American Medical Director for the Association of Tennis Professionals, which sponsors the men’s professional tennis tour. He was the Team Physician for the U.S. Davis Cup tennis team from 1999 to 2003. Dr. Altchek is Professor of Orthopedic Surgery at the Weill Medical College of Cornell University and the author of over 100 articles, publications in referred medical journals and book chapters on problems of the shoulder, elbow and knee. For the remainder of the internship, the Scholar shifts focus to participate in a clinical research project. During the internship period, the Steamboat Scholar is subject to Hospital for Special Surgery’s employee rules.

Candidates should also be passionate about the opportunity to develop their own leadership skills and live and interact with the other Steamboat Scholars.

Eligibility

Candidates must be third-year undergraduates and have the support and highest recommendation of Columbia University. Columbia will determine financial need based on institutional guidelines or a self-declaration of financial need, submitted by the applicant. This statement will be required if the applicant is not receiving financial aid directly from Columbia. Only students from Columbia University will be considered for the Steamboat Scholar Placement at Hospital for Special Surgery.

Previous Scholar Experiences

2009 Steamboat Scholar Chase McCaleb spent every day working very closely with Dr. Altchek, one of the best surgeons in the sports medicine field. On clinic days, he learned how to examine patients, read MRIs and, most importantly, how to help athletes deal with the trauma of being hurt. He was also allowed to observe over 100 hours of Dr. Altchek’s surgeries. Chase was also given the opportunity to research and design a screening protocol that checks for risk factors of ACL injuries in athletes, which he then presented in front of the Sports Service Department at HSS.

2008 Steamboat Scholar Swarup Swaminathan shadowed Dr. David Altchek and Dr. Bernard Rawlins, a spinal surgeon, which expanded his understanding of the different fields within orthopedics. He also conducted an original research study on the concomitant elbow injury of a torn ulnar collateral ligament (UCL) and flexor-pronator tendon in baseball players. Swarup presented the results of this study to the Sports Medicine Service at HSS and is working towards submitting these findings for publication.

2007 Steamboat Scholar Ben Nwachukwu observed over one hundred hours of surgery in the Operating Room and learned how to interpret diagnostic signs on MRI’s and X-rays during patient consultations in the office.

2006 Steamboat Scholar Aya Michaels conducted research on the higher incidence of ACL injuries in female athletes. She was later given the opportunity to present it to a group of doctors and other healthcare professionals during a series of medical presentations.

2005 Steamboat Scholar Cindy Gao participated in two clinical studies, the first a continuation of 2004 Scholar Dean Arnaoutakis’s research studying adhesive capsulitis treatment and the second evaluating total hip replacements as treatment of chronically dislocated hips in patients with cerebral palsy.

2004 Steamboat Scholar Dean Arnaoutakis shadowed Dr. David Altchek and researched adhesive capsulitis treatment and sternoclavicular dislocations.

Grant Specifics

- Steamboat Foundation gives a $12,000 award to the selected Steamboat Scholar for the period of May 30 to August 13, 2010. Payments are made in three installments throughout the summer.
• The program requires the Scholars to live together in dorms at the New School in Manhattan during the internship period. Scholars are given preferential rates and are expected to use a portion of their award to meet this housing requirement.

• As part of the program, the Scholar must participate in all Steamboat related events, including:
  o A two-day orientation on May 31 and June 2, 2010 with other Steamboat Scholars
  o Opening reception on Tuesday evening, June 1, 2010
  o Two to three Foundation Dinners with distinguished guests throughout the summer, including at least one trip to Boston
  o Bi-weekly Leadership Dinners with facilitator Dr. Tom Inck

• Scholars are required to submit final documentation, including a Final Essay and Evaluation to receive their final award payment.

Application Procedures/Deadlines

Candidates must complete an application form and submit it along with a cover letter and attachments to the contact information listed below. Incomplete applications will not be reviewed.

Applications are due by Friday, January 29, 2010. Please do not submit applications directly to Steamboat Foundation.

Submission

Megan Rigney  
Office of Pre-Professional Advising  
Director  
101 Carmen Hall, MC 1205  
545 West 114th Street  
New York, NY 10027  
Phone: 212.854.8722  
Email: preprofessional@columbia.edu
2010 Summer Scholar Program Application
Columbia University
Hospital for Special Surgery

Personal Information

Legal Name ____________________________________________________________ Gender _______
  Last /Family    First    Middle (complete)

E-mail Address _________________________________________________________

Birth place ___________________________ Birthday __________________________

Home Telephone ___________________________ Cell Phone __________________________

Permanent Address

____________________________________       City   State   Country   Zip Code

Number and Street

Alternate Address (start date to end date) ______________________________

____________________________________       City   State   Country   Zip Code

Number and Street

Are you a US citizen? _____________ If not, specify Visa or Alien Registration _________________

Educational Information

Name of College / University ___________________________ Date of Entry _________________

Academic Concentration / Major ______________________________________________________________________

Year of Graduation _________________ GPA _________________ SAT I Score _________________

How did you learn about Steamboat? ____________________________
Have you ever been placed on probation, suspended or dismissed from school, convicted in court (other than for traffic violations), or found guilty of an honor code violation?

Yes _________ No __________

If yes, attach a complete explanation.
Required Attachments

I. Cover Letter & Resume / CV

Please attach a cover letter with your most recent resume/CV, which includes work experiences, activities, awards, etc.

II. Official Transcripts

Applications without official transcript(s) will not be considered.

III. Written Statements (Complete both A and B)

A. Short Essay – The purpose of the short essay is to find out more about who you are. Please select one of the following three essay questions and limit your efforts to no more than 300 words.

1. Revisit one of your college application essays. Do you recognize the author of only a few years ago? What advice would you give him/her? (Please attach the essay you reference if you choose this option)

2. There are some things in life that just make one happy, no matter the circumstances. It could be visiting the car wash, running a hand through a newly trimmed buzz cut, or eating all the raisins out of someone else’s box of cereal. What makes you happy ten times out of ten? Why?

3. Many scholars have emerged from their Steamboat summer saying that the dinners, the fellowship with other scholars and the rigor of their jobs left them “changed.” Where in your life would you invite change?

B. Grant Partner Essay – The purpose of the Grant Partner essay is to gauge your interest in the space within which Hospital for Special Surgery operates. Please submit your response to the following in 250 to 500 words.

Tell us about a topic that you are studying in the classroom or research lab that you wish to experience in a clinical setting and why.

IV. Declaration of Financial Need

If you are currently receiving financial aid from Columbia, please attach your award letter. If you are not receiving financial aid, please submit a self-declaration of financial need.

V. Recommendations

To complete the application process, two recommendations must be sent directly from the referees to the university contact and not submitted by the applicant along with the other materials. One recommendation should be from a member of the faculty and another from someone who knows you personally.

VI. Proust Questionnaire

Favorite author(s)__________________________________________________________

Favorite website________________________________________________________________________

Favorite / least favorite word________________________________________________________________________

Favorite possession__________________________________________________________

Required Signature
I certify that all of the statements in this application are true and complete to the best of my knowledge. I understand that a false or incomplete answer may be grounds for not considering me or for my dismissal as a Steamboat Scholar. By submitting this application, I am also confirming that my resume may be kept in the Steamboat database of outstanding college students to be considered for other professional opportunities in the future.

Signature ___________________________________________ Date ________________

Print Name ____________________________________________