

# Impact



OFFICE OF CAREER SERVICES  
HARVEY MUDD COLLEGE *Your Future Opportunities*

## Class of 2012 post-graduation plans



**Hayden Hatch '12 | Joint Major in Chemistry and Biology** | Hayden received a summer internship at Intellectual Ventures in Bellevue, Wash. He found

this position from the OCS Hot Internship e-bulletin.

*"OCS showed me how to market my academic experiences and leadership roles on campus, particularly through their extremely helpful resume workshops. I would recommend taking advantage of the numerous resources the center has to offer early on. It's never too early!"*



**Lowell Reade '12 | Engineering** | Lowell received a full-time offer at Parker Aerospace in Irvine, Calif. as a Reliability Engineer. He heard of the

opportunity through Professor Patrick Little in the Engineering Department.

*"The events OCS organized were always educational and provided excellent opportunities for networking. Don't undervalue your connections with alumni; they love to help out in whatever way they can. The center prepared me for the job search process, from submitting my application to negotiating my salary. The whole process would have been far more daunting without their support!"*



**Haley Ham '12 | Joint Major in Chemistry and Biology** | Haley received a full-time offer from Counsyl, a genetic-testing start-up company, located

in South San Francisco. She met the recruiters at the spring career fair.

*"The staff really helped me by reviewing numerous cover letters and resumes. I got tips on interviewing in different fields and with salary negotiations even after I got a job offer at Counsyl. I want to thank the center for helping me throughout the job-hunting process. It would have been so much harder without their help."*



**Leon Liu '12 | Computer Science and Math** | Leon had a concentration in Economics, which he believed positioned him well to enter the finance

industry as a full-time financial analyst at J.P. Morgan in New York City.

*"OCS was a very helpful resource during my junior and senior years at Mudd. Almost everyone knows that they work hard to put on career fairs and information sessions, but what very few people know about is their additional services. For example, MUDD on the Road was a valuable experience that allowed me to see the inner workings of various companies. The staff helped me during every step of the job search process: 1) providing me with numerous contacts they had with companies; 2) editing multiple versions of my resume and cover letters; and, 3) teaching me how to negotiate salary as well as how to accept or reject offers. Also, OCS organized useful programs such as mock interviewing and speed networking, which made me feel more prepared for the job search. I am very thankful to the staff for all of their advice, support and guidance."*



**Spencer Tung '12 | Engineering** | Spencer received an offer from Raytheon's Space and Airborne Systems Department in El Segundo

Calif. as an Electrical Engineer. He met alumni and other employees at the MUDD on the Road visit to Raytheon in fall 2012.

*"While jumping around different fields allowed me to make a better informed decision about the engineering field that I wanted to focus on, it meant that I had less specialized experience in any one area compared to others. I approached OCS with this dilemma; they helped me highlight strengths in my academic record that I had overlooked and reworked my resume into something that I felt proud to share with recruiters. The MUDD on the Road trips were also immensely useful, allowing me to visit a variety of companies in different fields and network with the alumni and other employees."*



**Nick Hill '12 | Engineering** | Nick received an offer from SpaceX in Hawthorne, Calif. as a Loads Engineer. He is quite excited to be designing

rockets to put man into space. He met the SpaceX recruiters at the fall career fair.

*"I can say with certainty that if not for OCS and all their help with resumes, interviews and preparing for career fairs, I would not have the job that I have right now."*



**Benjamin Liu '12 | Engineering** | Ben got an offer from the law offices of Fenwick & West in Mountain View, Calif. He will be working as a

patent agent. He met an alumni recruiter for Fenwick at the fall career fair.

*"During my first meeting in OCS, I didn't have an idea what I wanted to do. I hadn't decided between grad school and work, and to make it worse, the only thing I knew was that I did not want the traditional engineering job. The staff worked hard with me through the entire process. They helped edit my resume, highlighted job offerings I might be interested in, forwarded related grad school brochures, and even contacted some companies for me. The fall career fair helped out immensely in getting me several job interviews, some of which became job offers within a few months."*



**Vincent Shieh '12 | Joint Major in Chemistry and Biology** | Vincent received a summer internship offer at Medtronic in Northridge, Calif. and

plans on seeking full-time employment in the fall.

*"OCS supported me in my job search throughout my senior year. From making my resume more concise and effective to hosting information sessions and interview practices to providing me with contacts from different companies, I can't thank the staff enough."*



## DIRECTOR'S NOTE

This was an exciting year in the OCS. We launched the academic year with an open house featuring "Career Cakes" and promotional gifts for all students who liked us on our new Facebook page. There was a phenomenal attendance of employers and students at the fall career fair.

The introduction of a new program called "Interview a Mudder" in November was well received by both employers and students. One of the highlights of the year was winter break's MUDD on the Road to seven companies in northern California. Read about the outcome that resulted from those visits under "New This Year."

Spring was a busy time in the center with an increase in underclassmen making appointments to find summer internships as well as seniors looking for full-time employment. Like the fall fair, the spring career fair was well attended. This year we offered our annual Social Business Etiquette Dinner and another Speed Networking event with employers, which resulted in many seniors getting job interviews and a few receiving offers. We organized a workshop led by faculty to prepare students to apply for NSF Awards.

In preparing the report this year, I was amazed at the salary offers received by our 2012 graduates. I'm sure their salaries will make a future PayScale College Salary Report quite impressive. Again, we had the top national employers recruit at HMC with the addition of many new start-up organizations. We have again featured "By the Numbers" to provide readers with a snapshot of our outcomes and a new section called "Delivering Career Education."

As with each issue, we have included some comments by 2012 graduates with whom we formed close relationships during the job search. The Mudd students never cease to astonish me, and I had the pleasure of working with some of the most gifted young people this year!

I would like to thank my wonderful staff. Our newest part-time office manager, Elizabeth Saelzler, has been a valuable team player. Vanessa Janovick, assistant director, continues to organize the best career fairs while making our employers happy and getting our students jobs and internships. While we're a small team, I believe we accomplished measurable results.

Lastly, the staff would like to thank the employers, faculty and administrators who help us serve our remarkable students.

With warm regards,

**Judy L. Fisher**

Director



**Vanessa Janovick**

Assistant Director



**Elizabeth Saelzler**

Office Manager

## Immediate Plans for HMC Graduates

Employment.....	118
Summer Internship and Research (7)	
Full-time job (95) Still searching (16)	
Graduate/Professional School... 53	
(including teaching credential)	
Other..... 6	
(Watson, gap year, undecided)	

As of August 15, 2012

## Fellowships

Watson.....	1
NSF.....	5

## Degrees pursued in Graduate/Professional School

D.O.....	1
M.D.....	1
M.D./Ph.D.....	1
M.S.....	7
M.S./Ph.D.....	7
Ph.D.....	36

Did you get graduate school financial assistance?

No..... 8  
Yes..... 42

Total Respondents 50

How well did HMC prepare you?

Not at all..... 1  
Somewhat... 15  
Very well.... 53

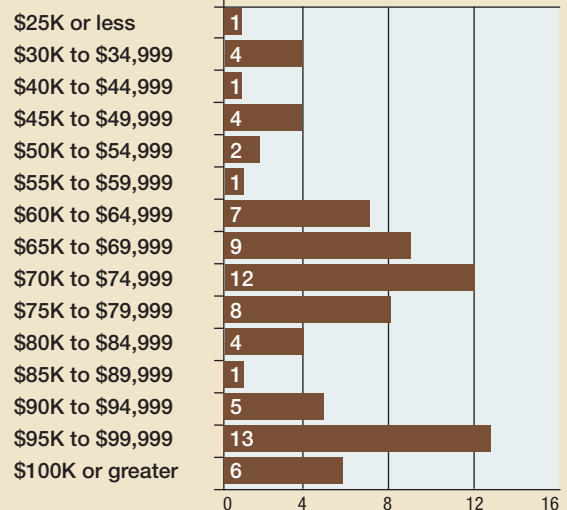
Out of 69 respondents

## Five top criteria most important to HMC graduates selecting a graduate program

**one** Faculty advisor/research projects available | **two** Strong reputation  
**three** Intellectually challenging | **four** Geographic location  
**five** Learning community

## Salary Offers

Median salary \$70,000 to \$74,999



## Five top criteria most important to HMC graduates choosing employer

**one** Intellectually challenging work | **two** People I will work with  
**three** Geographic location | **four** Job duties/responsibilities  
**five** Starting salary

## Areas of Study for Graduate/ Professional Schools

Aerospace Engineering	Experimental Atomic Physics
Algorithms, Combinatorics, and Optimization	Geophysics
Atomic, Molecular and Optical Physics	Materials Science and Engineering
Applied Mathematics (2)	Mathematics (3)
Bioinformatics	Mathematics Education
Biological Sciences	Mechanical Engineering, Robotics (2)
Biomedical Engineering (2)	Medical School
Chemical Biology	Medical Scientist Training Program
Chemical Engineering (2)	Operations Research (2)
Chemistry (6)	Optics
Civil and Environmental Engineering	Osteopathic Medicine
Computational Biology and Applied Mathematics	Physics
Computer Science (7)	Public Health
Controls Engineering	Structural Engineering
Electrical and Computer Engineering (2)	Theoretical Chemistry
Electrical Engineering	Theoretical Physics
	Transportation Engineering

## Type of Organization

Aerospace (9)	Government (2)
Biotechnology	Hardware Design/ Development (2)
Communications	Law (3)
Consulting (2)	Health Care (3)
Consumer Goods	Medical Technology
DOE National Lab	Nonprofit (2)
Engineering (11)	Research & Development (2)
Entertainment/Arts/ Media (2)	Retail Website (3)
Finance (3)	Social Media Website (5)
Geological Engineering	Software (30)

## Methods of Locating Employment

Career Fair .....	<b>33</b>
Employer's website.....	<b>15</b>
Alumni .....	<b>13</b>
Friend/Family member.....	<b>14</b>
Participation in an internship.....	<b>12</b>
On-campus interviews.....	<b>9</b>
Employer presentation.....	<b>5</b>
Clinic.....	<b>4</b>
Faculty .....	<b>4</b>
Professional Association.....	<b>1</b>
Directly contacted company without posted position ..	<b>2</b>
Quixey Challenge .....	<b>1</b>
Robert Day Scholars.....	<b>1</b>
Speed Networking.....	<b>3</b>
Hot Internships .....	<b>2</b>

## Graduate/Professional Schools Chosen by 2012 Graduates

Brown University	Massachusetts Institute of Technology (2)	University of Illinois at Urbana-Champaign
California Institute of Technology	Northwestern University (2)	University of Massachusetts - Amherst (2)
Carnegie Mellon University (2)	Pacific Northwest University of Health Sciences	University of Michigan (2)
Claremont Graduate University	Stanford University (3)	University of Rochester
Cornell University (3)	Tufts University	University of Texas - Austin
Dartmouth University	UC Berkeley (3)	University of Washington (5)
Duke University	UC San Diego	University of Wisconsin - Madison
Georgia Institute of Technology (3)	UC Santa Barbara	Washington University St. Louis
Harvard University (4)	UC Santa Cruz	Yale University (2)
Irell & Manella Graduate School (City of Hope)	University of Arizona	
Louisiana State University Health Sciences Center	University of Chicago	
	University of Colorado at Boulder	

## Job Position Titles

Assistant Campaign Director	Information Security Engineer	Research Eng Technologist
Assistant Producer	Instructor	Rotation Engineer (3)
Associate Consultant	Aerospace Intern	SEAL/SO (Navy Special Warfare Operator)
Associate Engineer (2)	Laboratory Technician	Secondary Science and Math Teacher
Associate Process Manager	Language Teacher Abroad	Software Design Engineer in Test (2)
Associate Process/Specialty Engineer	Loads Engineer (2)	Software Developer (6)
Associate Software Engineer	Mechanical Engineer (2)	Software Development Engineer (6)
Co-founder, Embedded Systems Engineer	Patent Agent (3)	Software Engineer (17)
Component Design Engineer Developer	Research Associate (2)	Software Innovator (2)
Developer in Product Labs	Process Engineer	Solutions Engineer
Digital Applications Rotation Engineer	Product Management Intern	System Test Engineer (2)
Electrical Engineer (4)	Product Support/Development Engineer (2)	Technology Analyst
Independent Contractor	Production Scientist	Trader
	Program Manager (3)	
	Programmer (2)	
	Reliability Engineer	

## Employers Chosen by 2012 Graduates

2Advanced Studios	Fluor	Northrop Grumman
Amazon.com, Inc.	Glast, Phillips, & Murray, P.C.	Originate (2)
Amway Corp.	Google (3)	Pacific Northwest National Laboratory
Apatite to Zircon, Inc.	Honeywell	Parker Aerospace
Art of Problem Solving	IMC Financial Markets	Peace Corps
Athenahealth, Inc.	Institute for Technology Assessment - Mass General Hospital	Pivotal Labs (2)
Aura Labs, Inc.	Intel (5)	Preston Cinema
Bain and Company	Intellectual Ventures (2)	QAD
Beckman Coulter	iRise	Quantcast Corporation (2)
Blizzard Entertainment	J.P. Morgan	Quixey
Boeing	KLA-Tencor	Raytheon (2)
Boz Labs	Laserfiche (4)	Riot Games
Cashie Commerce	LinkedIn (4)	SpaceX (3)
Complexity Gaming	Massachusetts General Hospital	Spot Trading, LLC
Cosmodyne, LLC	Medtronic (2)	Teradata
Counsyl	Meraki	Texas Instruments
Educational Services International	Microsoft (10)	Twitter (2)
Euvis, Inc.	MITRE	U.S. Navy
F5 Networks	Monogram Systems	zulily (2)
Fair Share Alliance		Zygo Extreme Precision Optics
Fenwick & West, LLP (2)		



## OCS BY THE NUMBERS

Throughout the year, the OCS monitored the usage of our services and measured learning outcomes. The MUDDLlink web-based career management system, along with a new tool, improved our ability to track attendance at events. For most of these events, internally developed surveys were sent out electronically to help the staff understand students' learning and perceptions. In addition, the MUDDLlink system tracked all job/internship listings and recruiting activities for the year. As always, the graduating seniors completed an online exit survey. Below are some of the data we gathered for the academic year 2011-2012.

### 4,623

positions available to students through MUDDLlink only, with an average of 50 job and internship postings coming in each week.

### 39%

of the employers recruiting at all The Claremont Colleges were targeting specifically Harvey Mudd College.

### 135

HMC-specific employers who came to career fairs, held information sessions, and conducted on-campus interviews and resume drops. Specifically, 39 companies had information sessions, 32 held on-campus interviews and two conducted workshops.

### 41%

increase in the number of appointments, emails, walk-ins and phone calls for students and alumni handled by staff. (485 in 2011 compared to 1,187 in 2012)

### 647

appointments, walk-ins and emails regarding internship/job search: 429 resume and cover letter critiques; 123 interviewing assistance; 81 career/major exploration discussions; and, 89 combined graduate school information and personal statements.

### 50+

workshops offered, ranging from "Creating a LinkedIn Profile" to "How to Prepare for the Career Fair," plus several sessions of "Resume" Drive-In prior to career fairs.

### 8%

increase of employers who recruited at the career fairs: 72 (fall 2011) and 58 (spring 2012).

### 744

Claremont College students attended fall

2011 and spring 2012 career fairs. In fall, 318 of 422 attendees were HMC students; in spring, 226 of the 322 were from HMC.

### 78%

of graduating seniors responded that they had used the OCS. Of these users, 88 had a good to excellent experience with appointments and 97 with career fairs.

### 30%

of 2012 graduates took Summer Math their first summer, 29% worked or interned and more than 12% did research. The sophomore summer showed a rise in research to 46%, while work/internship remained at 29%. For the junior summer, research stayed at 46% and work/internship rose to 34%.

### 120

individuals joined our new Facebook group.

### DELIVERING CAREER EDUCATION

The director and assistant director of the OCS provided individual assistance to **1,187** students and alumni. This included **403** appointments, **219** walk-ins, and an overwhelming **565** advisement emails.

### Appointment and Walk-in Priorities

The MUDDLlink system enabled us to identify the most-used services so we could better assist students.

Resume Review .....	<b>339</b>
Cover Letter Review .....	<b>90</b>
LinkedIn Profile Review .....	<b>11</b>
Personal Statement .....	<b>32</b>
Career/Major Options and Exploration	<b>81</b>
Graduate School Options .....	<b>57</b>
Job or Internship Search .....	<b>647</b>
Interviewing .....	<b>101</b>
Mock Interview .....	<b>22</b>
Negotiating Job Offers .....	<b>52</b>
Other .....	<b>189</b>

## NEW IN 2011-2012

### MUDD on the Road

With additional funds approved by the trustees, we went to seven companies in Silicon Valley during winter break. Twenty-four students visited Stellartech, Google, Intuit, SRI, Tesla Motors, LinkedIn and Intel on January 12 and 13, 2012. The Office of Alumni Services organized a mixer the evening of January 12 in Palo Alto. Nine students received interviews and four received job offers from the companies visited.

### Mock Interviews with Mudders

For the first time ever, OCS invited employers to conduct mock interviews with students the evening of November 3, 2011. Recruiters from iRise, Microsoft, Edwards Airforce Base, SAIC, and Zynx Health and more than 35 students attended. Several students secured more than one practice interview. It was a huge success with very positive feedback on the evaluations.

### Mudders Speed Network

The OCS offered a second speed networking event based on the popularity of last year's program. The program was expanded and held in the Platt Living Room with 24 employers and 25 students. There was networking before and after the formal program where students were given four minutes to talk to a recruiter. The feedback was excellent from both employers and students. Many students received interviews and a few got job/internship offers.

### Hot Internship Bulletin

Starting in January, the OCS decided to create a weekly e-bulletin featuring internships. It was delivered to all students on Mondays. It included not only internships that came into MUDDLlink that week, but others that were shared with the OCS by faculty, alumni and other employers. In addition, we formed a relationship with the founder of a new website called Internbound, which only lists paid internships. We were able to track how many students opened the e-bulletin and were happy to find an average of 250 weekly hits. Several student secured positions by this new service.

### Corporate Partnership Program

OCS launched this program in the late fall to help employers with their recruitment efforts. Details are on the OCS website. Thank you to our first corporate partner.



**HMC Mission** | Harvey Mudd College seeks to educate engineers, scientists and mathematicians well versed in all of these areas and in the humanities and social sciences so that they may assume leadership in their fields with a clear understanding of the impact of their work on society.

**HARVEY MUDD**  
COLLEGE

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