

California Institute of Technology
Preliminary Report on the Class of 2007
Prepared by the Career Development Center

Caltech will award 497 degrees this year, including 180 Bachelor of Science, 109 Master of Science, and 208 Doctor of Philosophy degrees.*

This report is preliminary and reflects data collected as of Friday, June 1, 2007. The Career Development Center continues to collect information on graduates throughout the summer, as many do not make a final decision until after graduation. Updated information will be provided by the Career Development Center by the beginning of the new academic year.

Bachelor of Science Candidates

Caltech will award 180 students with a Bachelor of Science degree. 132 students responded to our survey. Of those respondents, 35 (27%) have accepted employment; one (1%) is deciding among job offers; 14 (11%) are seeking employment; 64 (48%) will attend graduate or professional school this fall; nine (7%) have other plans; and nine (7%) are undecided.

The majority attending graduate school this fall will be pursuing traditional degrees in aerospace engineering, biology, chemistry, chemical engineering, electrical engineering, geology, mathematics, mechanical engineering, and physics. One student will matriculate to law school, and one will attend a podiatric school. As of this report, two students will matriculate to an M.D. program, three will matriculate to an M.D./Ph.D. program, and one will matriculate to a Pharm.D. program. The Career Development Center will continue to receive news during the summer from students who have applied to medical schools.

Many students who accepted an employment offer will work for companies that recruited through the On-campus Interview program. Jobs were in the fields of finance, consulting, various areas of engineering, and research and development. Fifty percent of these jobs are located in California. Twenty-nine out of 35 students reported the salary they accepted. Several offers included various combinations of a signing bonus, performance bonus, stock options, and a relocation package. The majority of offers were between \$50,000 and \$82,000. Two individuals reported salaries well above that range. The average offer was \$68,000, and the median offer was \$65,000.

Of those who reported they have other plans, one has accepted a commission with the United States Air Force, two were awarded the Watson Fellowship, and one will begin an internship program with the Los Angeles Unified School District.

*The number of degrees to be awarded is based on information from reports provided by the Registrar dated June 1, 2007, and the Graduate Office dated June 4, 2007.

Master of Science Candidates

Caltech will award 109 students with a Master of Science degree. We know the plans of 91 individuals. Sixty-seven (74%) will continue their graduate studies and pursue their Ph.D. degree, and eleven (12%) will continue for an M.D./Ph.D. degree.

As has been true for several years now, very few M.S. graduates accepted employment. Nine (10%) individuals have accepted job offers, and two (2%) are actively seeking employment.

One individual will take a sabbatical, and one is undecided.

Doctor of Philosophy Candidates

Caltech will award 208 students with a Doctor of Philosophy degree. 160 individuals provided their post-graduation plans. Of those individuals, 33 (21%) accepted industry employment; 15 (9%) accepted a tenure-track position; 78 (49%) accepted a postdoc position; seven (4%) accepted other academic employment; two (1%) are deciding among job offers; and 14 (9%) are seeking employment. Four (3%) students will continue their education in an M.D./Ph.D. program. Two (1%) students have other plans, while five (3%) are undecided.

This year, 133 out of 160 students reported that they have successfully found employment upon completion of their degree at Caltech.

- Twenty-six out of 33 individuals reported that they accepted industry employment with salaries ranging from \$70,000 to \$130,000. The average salary was \$94,000, and the median was \$91,000. Several offers included a combination of a signing bonus, stock options, and a relocation package. The largest being a \$10,000 signing bonus plus a \$7,500 relocation package. Nineteen of these jobs are located in California.
- Twelve out of 15 individuals reported that they accepted a tenure-track position with salaries ranging from \$60,000 to \$96,000. The average salary being \$85,000, and the median was \$86,000. Three individuals accepted offers outside of the U.S., and will work in Thailand, Italy, and Canada.
- Sixty out of 78 individuals reported that they accepted a postdoc position with salaries ranging from \$30,000 to \$60,000. The average offer accepted was \$45,000, and the median offer was also \$45,000. Four individuals have accepted assignments in Austria, England, Germany, and the Netherlands.
- Five out of seven individuals reported that they accepted other academic employment with salaries ranging from \$45,000 to \$80,000. The job functions include research associate/scientist/fellow, lecturer, and data curator. One individual accepted an assignment in Switzerland.

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Bachelor of Science Candidates, Class of 2007: Plans by Option

Option	Number of Graduates	Number of Respondents	Accepted employment	Deciding among job offers	Seeking employment	Attending grad./prof. school	Other	Undecided
Applied & Computational Math	6	5	4			1		
Applied Physics	2	3				2		1
Astrophysics	3	2			1	1		
Biology	23	15	2		2	7	1	3
Business Economics & Management	1							
Chemical Engineering	8	6	4			2		
Chemistry	12	6				5		1
Computer Science	18	12	5	1	2	4		
Economics	7	6	2		2	2		
Electrical & Computer Engineering	1	2	1			1		
Electrical Engineering	17	13	1		2	7	2	1
Engineering & Applied Science	3	3			3			
Engrg. & Applied Science (Ae)	1	1				1		
Engrg. & Applied Science (CNS)	4	2	2					
Engrg. & Applied Science (MS)	1	1					1	
Engrg. & Applied Science (SM)	1	1				1		
Geobiology	2	1				1		
Geochemistry	1							
Geology	3	3				2	1	
Geophysics	1	1				1		
History	1							
Mathematics	19	15	6			9		
Mechanical Engineering	18	15	4		1	6	2	2
Physics	27	19	4		1	11	2	1
Total	180	132	35	1	14	64	9	9
Percentages (based on responses)			27%	1%	11%	48%	7%	7%

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Doctor of Philosophy Candidates, Class of 2007: Plans by Option

Option	Number of Graduates	Number of Respondents	Accepted industry job offer	Accepted postdoc offer	Accepted tenure-track offer	Accepted other academic offer	Deciding among job offers	Seeking employment	Continuing MD/PhD or MD program	Other	Undecided
Aeronautics	7	5	2	1				1			1
Applied & Computational Math	4	4	1	3							
Applied Mechanics	2	2		2							
Applied Physics	12	8	3	3				1		1	
Astrophysics	2	2		2							
Biochemistry & Molecular Biophysics	9	6		4				2			
Bioengineering	4	2		1		1					
Biology	14	12	1	3	1	2		2	2		1
Chemical Engineering	14	11		9	1					1	
Chemistry	28	17	3	12				2			
Civil Engineering	3	1		1							
Computation & Neural Systems	13	10	1	5		2	1		1		
Computer Science	2	2	1					1			
Control & Dynamical Systems	4	2	1	1							
Electrical Engineering	23	20	8	5	2	1		2	1		1
Environmental Science & Engineering	5	3		3							
Geobiology	2	1		1							
Geochemistry	2	2		1				1			
Geology	1	1									1
Geophysics	3	2	1	1							
Materials Science	9	7	4		1			2			
Mathematics	2	2	1	1							
Mechanical Engineering	12	10	2	3	4		1				
Physics	24	21	4	15	1						1
Planetary Science	1	1				1					
Social Science	7	6		1	5						
Grand Total	209	160	33	78	15	7	2	14	4	2	5
Percentages (based on responses)			21%	49%	9%	4%	1%	9%	3%	1%	3%

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Degree Candidates, Class of 2007: Plans by Gender

Bachelor of Science Candidates

Plans	Female	Male	Number of Respondents who Reported Gender
Accepted employment	2	27	29
Deciding among job offers	1		1
Seeking employment	5	8	13
Attending graduate/professional school	23	37	60
Other (please specify)	1	6	7
Undecided	5	4	9
Grand Total	37	82	119
Percentages	31.09%	68.91%	

Doctor of Philosophy Candidates

Plans	Female	Male	Transgender	Number of Respondents who Reported Gender
Accepted industry job offer	8	23	1	32
Accepted postdoc offer	17	55		72
Accepted tenure-track offer	8	6		14
Accepted other academic offer	3	3		6
Deciding among job offers		2		2
Seeking employment	6	7		13
Continuing MD/PhD or MD program	1	2		3
Other (please specify)	1	1		2
Undecided	2	2		4
Grand Total	46	101	1	148
Percentages	31.08%	68.24%	0.01%	

Note: Students self-reported their gender for this report.

California Institute of Technology
Degree Candidates, Class of 2007: Plans of International Students

Bachelor of Science Candidates

Plans	Total Respondents	Number of International Students
Accepted Employment	35	
Deciding among job offers	1	
Seeking employment	14	
Attending graduate/professional school	64	8
Other	9	
Undecided	9	
Grand Total	132	8

Doctor of Philosophy Candidates

Plans	Total Respondents	Number of International Students
Accepted industry job offer	33	16
Accepted other academic offer	7	5
Accepted postdoc offer	78	28
Accepted tenure-track offer	15	6
Continuing MD/PhD or MD program	4	
Deciding among job offers	2	
Other (please specify)	2	1
Seeking employment	14	4
Undecided	5	1
Grand Total	160	61

Note: Students self-reported their status for this report.

California Institute of Technology
Students Admitted to Medical School in 2007

Female Undergraduate Student
Biology / 2007
Harvard HST Program
MD/PhD (2007)

Female Undergraduate Student
Chemistry / 2007
Harvard HST Program
MD/PhD (2007)

Female Graduate Student
Biology / 2007
University of Arizona, College of Medicine
MD (2007)

Female Undergraduate Student
Biology / 2007
University of the Pacific
Pharm.D. (2007)

Male Undergraduate Student
Chemistry /2007
University of Washington, School of Medicine
MD/PhD (2007)

Male Undergraduate Student
Biology /2007
University of California, Los Angeles, School of Medicine
MD (2007)

Alumni Admitted to Medical School in 2007

Male Alumnus 2001
University of Southern California, School of Medicine & Caltech
MD/PhD (2007)

Male Alumnus 2006
University of Southern California, School of Medicine
MD (2007)

Female Alumna 1999
University of Texas, Southwestern
MD (2007)

Male Alumnus 1999
University of Southern California, School of Medicine
MD (2007)

Female Alumna 1999
Wayne State University School of Medicine
MD (2007)

Female Alumna 2005
*Deciding between offers
MD/PhD (2007)