

California Institute of Technology
Preliminary Report on the Class of 2008
Prepared by the Career Development Center

Caltech will award 523 degrees this year, including 207 Bachelor of Science, 128 Master of Science, one Engineering, and 187 Doctor of Philosophy degrees.*

This report is preliminary and reflects data collected as of Wednesday, June 4, 2008. The Career Development Center continues to collect information on graduates throughout the summer, as many do not make a final career 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 207 students with a Bachelor of Science degree. 164 students responded to our survey. Of those respondents, 44 (27%) have accepted employment; three (2%) are deciding among job offers; 22 (13%) are seeking employment; 81 (49%) will attend graduate or professional school this fall; six (4%) have other plans; and eight (5%) are undecided.

The majority attending graduate school this fall will be pursuing traditional degrees in aerospace engineering, biology, chemistry, chemical engineering, electrical engineering, mathematics, mechanical engineering, and physics. One student will pursue a degree in entertainment technology, one in environmental science and policy, and one will obtain a professional certificate in science writing. One will matriculate to law school. As of this report, six students will matriculate to an M.D. program, one will matriculate to an M.D./Ph.D. program, and one will matriculate to a pharmacy program. Three students are currently wait-listed at schools such as Cleveland Lerner Clinic College of Medicine of Case Western Reserve University, Mount Sinai School of Medicine of New York University, Oregon Health & Science University School of Medicine, UC Irvine School of Medicine, and Vanderbilt University School of Medicine. During the summer, the Career Development Center will continue to receive news from those students.

Many students who accepted an employment offer will work for companies that recruited through the on-campus interview program. Jobs accepted were in the fields of finance, consulting, various areas of engineering, and research and development. Twenty students accepted a job located in California. Thirty-four out of 44 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 accepted were between \$62,000 and \$88,000. Two individuals reported salaries well above that range. The average offer was \$71,000, and the median offer was \$70,000.

Of those who reported they have other plans, one has been awarded a Watson Fellowship, one will travel the world, and two will begin applying to graduate school.

**The number of degrees to be awarded is based on information from reports provided by the Registrar dated June 2, 2008, and the Graduate Office dated June 11, 2008.*

Master of Science & Engineering Candidates

Caltech will award 128 Master of Science degrees, and one Engineering degree. We know that 40 individuals are receiving terminal M.S. degrees. Sixty-seven individuals will continue their graduate studies and pursue their Ph.D. degree, and one will continue on for a M.D./Ph.D. degree.

As has been true for several years now, very few M.S. graduates accept employment. One individual has accepted a job offer, and one is actively seeking employment.

Doctor of Philosophy Candidates

Caltech will award 187 students with a Doctor of Philosophy degree. 100 individuals provided their post-graduation plans. Of those individuals, 36 (36%) accepted industry employment; 6 (6%) accepted a tenure-track position; 47 (47%) accepted a postdoc position; three (3%) accepted other academic employment; three (3%) are deciding among job offers; and 1 (1%) is seeking employment. Two (2%) students will continue their education in an M.D./Ph.D. program, and two (2%) are undecided.

- Nineteen out of 36 individuals reported that they accepted industry employment with salaries ranging from \$50,000 to \$125,000. The average salary was \$96,000, and the median was \$100,000. Several offers included a combination of a signing bonus, stock options, and a relocation package. Fifteen of these jobs are located in California.
- Three out of 6 individuals reported that they accepted a tenure-track position with salaries ranging from \$55,000 to \$80,000. One of the six individuals accepted an offer in Taiwan.
- Thirty-nine out of 47 individuals reported that they accepted a postdoc position with salaries ranging from \$30,000 to \$60,000. The average offer accepted was \$44,000, and the median offer was \$45,000. Those taking overseas assignments will be working in Austria, Germany, and Italy.
- Three individuals reported that they accepted other academic employment with salaries ranging from \$45,000 to \$80,000. One individual accepted an assignment at the University of Puerto Rico.

California Institute of Technology
Bachelor of Science Candidates, Class of 2008: Plans by Option

Option	Number of Graduates	Number of Respondents	Accepted Employment Offer	Deciding Among Offers	Seeking Employment	Attending Grad./Prof. School	Other	Undecided
Applied & Computational Math	8	2	2	0	0	0	0	0
Applied Physics	9	7	2	0	1	4	0	0
Astrophysics	5	5	0	0	3	2	0	0
Biology	28	24	2	0	7	12	0	3
Chemical Engineering	6	6	1	0	0	5	0	0
Chemistry	19	13	1	0	1	9	0	2
Computer Science	22	21	13	1	2	4	1	0
Economics	1	1	1	0	0	0	0	0
Electrical Engineering	15	13	8	0	0	5	0	0
Engineering & Applied Science	1	1	1	0	0	0	0	0
Engrg. & Applied Science (Ae)	8	7	2	0	0	5	0	0
Engrg. & Applied Science (CNS)	4	3	1	0	2	0	0	0
Engrg. & Applied Science (ESE)	2	2	0	0	0	1	1	0
Engrg. & Applied Science (MS)	1	1	1	0	0	0	0	0
Geobiology	1	0	0	0	0	0	0	0
Geochemistry	2	2	0	0	0	1	0	1
Geology	4	2	0	0	0	1	0	1
Independent Studies Program	1	0	0	0	0	0	0	0
Mathematics	11	8	0	0	0	8	0	0
Mechanical Engineering	28	21	8	1	3	8	1	0
Physics	31	25	1	1	3	16	3	1
Total	207	164	44	3	22	81	6	8
Percentages (based on responses)			27%	2%	13%	49%	4%	5%

California Institute of Technology
Doctor of Philosophy Candidates, Class of 2008: Plans by Option

Option	Number of Graduates	Number of Respondents	Accepted Industry Offer	Accepted Tenure-Track Offer	Accepted Postdoc Offer	Accepted Other Academic Offer	Deciding Among Offers	Seeking Employment	Cont. MD/PhD or MD Program	Undecided
Aeronautics	4	3	0	0	1	0	1	0	0	1
Applied & Computational Mathematics	7	4	4	0	0	0	0	0	0	0
Applied Mechanics	1	1	1	0	0	0	0	0	0	0
Applied Physics	11	6	4	1	1	0	0	0	0	0
Astronomy	1	0	0	0	0	0	0	0	0	0
Astrophysics	6	6	0	1	4	0	0	0	1	0
Biochemistry & Molecular Biophysics	6	1	0	0	0	0	0	0	0	1
Bioengineering	9	5	0	0	4	0	0	0	1	0
Biology	9	3	0	0	3	0	0	0	0	0
Chemical Engineering	10	5	3	0	1	1	0	0	0	0
Chemistry	32	15	5	0	9	0	1	0	0	0
Civil Engineering	4	1	0	0	1	0	0	0	0	0
Computation & Neural Systems	3	3	0	0	3	0	0	0	0	0
Computer Science	8	6	5	1	0	0	0	0	0	0
Control & Dynamical Systems	3	0	0	0	0	0	0	0	0	0
Electrical Engineering	15	9	5	1	2	0	1	0	0	0
Environmental Science & Engineering	3	1	0	0	1	0	0	0	0	0
Geochemistry	2	0	0	0	0	0	0	0	0	0
Geology	1	1	0	0	0	1	0	0	0	0
Geophysics	3	2	0	0	1	0	0	1	0	0
Materials Science	3	2	1	0	1	0	0	0	0	0
Mathematics	4	0	0	0	0	0	0	0	0	0
Mechanical Engineering	14	9	3	0	6	0	0	0	0	0
Physics	21	12	4	0	7	1	0	0	0	0
Planetary Science	3	2	1	0	1	0	0	0	0	0
Social Science	4	3	0	2	1	0	0	0	0	0
Total	187	100	36	6	47	3	3	1	2	2
Percentages (based on respondents)			36%	6%	47%	3%	3%	1%	2%	2%

California Institute of Technology
Degree Candidates, Class of 2008: Plans by Gender

Bachelor of Science Candidates

Plan	Number of Female	Percentage of Female	Number of Male	Percentage of Male
Accepted Employment Offer	13	24%	31	28%
Deciding Among Offers	0	0%	3	3%
Seeking Employment	8	15%	14	13%
Attending Graduate/Professional School	23	43%	57	52%
Other	3	6%	3	3%
Undecided	6	11%	2	2%
Total	54		110	

Doctor of Philosophy Candidates

Plan	Number of Female	Percentage of Female	Number of Male	Percentage of Male
Accepted Industry Offer	5	18%	24	40%
Accepted Tenure-Track Offer	1	4%	5	8%
Accepted Postdoc Offer	20	71%	22	37%
Accepted Other Academic Offer	0	0%	3	5%
Deciding Among Offers	1	4%	2	3%
Seeking Employment	0	0%	1	2%
Continuing MD/PhD or MD Program	0	0%	2	3%
Undecided	1	4%	1	2%
Total	28		60	

Note: Students self-reported their gender for this report. Percentages are calculated based on the total number of respondents per gender.

California Institute of Technology
Degree Candidates, Class of 2008: Plans of International Students

Bachelor of Science Candidates

Plan	Number of International BS Students	Total BS Respondents
Accepted Employment Offer	2	44
Deciding Among Offers	0	3
Seeking Employment	0	22
Attending Graduate/Professional School	5	80
Other	0	6
Undecided	0	8
Total	7	164

Doctor of Philosophy Candidates

Plan	Number of International PhD Students	Total PhD Respondents
Accepted Industry Offer	16	36
Accepted Tenure-Track Offer	3	6
Accepted Postdoc Offer	15	47
Accepted Other Academic Offer	1	3
Deciding Among Offers	0	3
Seeking Employment	1	1
Continuing MD/PhD or MD Program	1	2
Undecided	1	2
Total	38	100

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

**California Institute of Technology
Students Admitted to Medical School in 2008**

Gender	Option	CIT Degree	CIT Graduation Year	Name of school	Degree	Matriculation Year
Female	Chemistry	BS	2008	Cleveland Clinic Lerner College of Medicine of Case Western Reserve University	MD	2008
Male	Biology	BS	2008	Harvard Medical School	MD	2008
Male	Biology	BS	2008	National Taiwan University College of Medicine	MD	2008
Male	Biology	BS	2008	Stanford University School of Medicine	MD	2008
Male	Biology	BS	2008	Stanford University School of Medicine	MD	2008
Female	Biology	BS	2008	University of California, San Diego School of Medicine	MD	2008
Female	Biology	BS	2008	University of California, San Francisco School of Pharmacy	PharmD	2008
Male	Chemical Engineering	BS	2008	University of Washington School of Medicine	MD/PhD	2008

Alumni Admitted to Medical School in 2008

Gender	Option	CIT Degree	CIT Graduation Year	Name of school	Degree	Matriculation Year
Female	Engineering & Applied Sciences	BS	1997	Case Western Reserve University School of Medicine	MD	2008
Male	Biology	BS	2006	Columbia University College of Physicians and Surgeons	MD/PhD	2008
Male	Biology	BS	2005	Eastern Virginia Medical School	MD	2008
Female	Materials Science	PhD	2007	Keck School of Medicine of the University of Southern California	MD	2008
Female	Mathematics	BS	2003	Keck School of Medicine of the University of Southern California	MD	2008
Male	Biology	BS	2005	University of California, San Diego School of Medicine	MD/PhD	2008
Female	Electrical Engineering	BS	2003	Yale University School of Medicine	MD	2008