

California Institute of Technology

Preliminary Report on the Class of 2006

Prepared by the Career Development Center

Caltech will award 547 degrees this year, including 249 Bachelor of Science, 121 Master of Science, and 177 Doctor of Philosophy degrees.*

This report is preliminary and reflects data collected as of Monday, June 5, 2006. The Career Development Center continues to collect information on graduates throughout the summer, as many graduates 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 249 students with a Bachelor of Science degree. 186 students responded to our survey. Of those respondents, 40 (22%) have accepted employment; six (3%) are deciding among job offers; 16 (9%) are seeking employment; 103 (55%) will attend graduate or professional school this fall; 12 (6%) are pursuing other plans; and nine (5%) 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 will pursue a Ph.D. in psychology and one will pursue a M.A. in philosophy. One student will matriculate to law school and one will matriculate to dental school. Some students have received a fellowship either from the university they will attend or an outside source. This year seventeen students applied to medical schools and one applied to dentistry schools. Eight will matriculate to an M.D. program, two will matriculate to an M.D./Ph.D. program, and one will matriculate to a D.D.S. program.

Many students who accepted an employment offer will work for companies who recruited on campus. Fifty-eight salary offers were reported and ranged between \$20,000 and \$82,000, with an average offer being \$58,000. Fourteen individuals reported receiving more than one job offer. Several offers included signing bonus, performance bonus, stock options, and relocation package. One individual reported a \$15,000 signing bonus plus year-end performance bonus. For these offers, the job functions were in the fields of consulting, aerospace engineering, mechanical engineering, software engineering, and research and development.

**The number of degrees to be awarded is based on information from reports provided by the Registrar and the Graduate Office dated June 2, 2006.*

Master of Science Candidates

Caltech will award 121 students with a Master of Science degree. We know the plans of 94 individuals. Ninety (96%) will continue their graduate studies and pursue their Ph.D. degree. Eighty-seven individuals will stay at Caltech, two will continue for an M.D./Ph.D., and one will attend Rice University.

As has been true for several years now, very few M.S. graduates accept positions in industry. Three (3%) individuals have accepted job offers, and one (1%) is actively seeking employment.

Doctor of Philosophy Candidates

Caltech will award 177 students with a Doctor of Philosophy degree. We received information about the plans of 97 individuals. Of those individuals, 23 (23.7%) accepted industry employment; 41 (42.3%) accepted postdoc employment; five (5.2%) accepted tenure-track employment; five (5.2%) accepted other academic employment; five (5%) are deciding among job offers; and nine (9.3%) are seeking employment. One (1.0%) student will continue their education to pursue an M.D. degree, and three will continue with their M.D./Ph.D. program. Two (2.1%) students have other plans, while three (3.1%) are undecided.

Eighty-five salaries were offered to Ph.D. candidates this year. These salaries, being a mix of industry and academic, ranged from \$20,000 to \$125,000. Seventeen individuals reported more than one offer.

- Eighteen individuals reported that they accepted industry employment with salaries ranging from \$60,000 to \$120,000. Five did not report salary information. The average offer accepted was \$95,000. Eight of these industry offers included bonuses, with the largest being a \$55,000.
- Four individuals reported that they accepted tenure-track positions with salaries ranging from \$20,000 to \$96,000 with the average being \$54,000. Two of those are assignments overseas. One did not report salary information.
- Twenty-eight individuals reported that they accepted postdoc positions with salaries ranging from \$33,000 to \$70,000. Four of those are assignments overseas. Thirteen did not report salary information. The average offer accepted was \$45,000.
- Four individuals reported that they accepted other academic employment with salaries ranging from \$30,000 to \$60,000. One did not report salary information.

California Institute of Technology
Bachelor of Science Candidates, Class of 2006
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	8	5	3	0	1	1	0	0
Applied Physics	7	4	1	0	0	3	0	0
Astrophysics	6	4	0	0	1	2	0	1
Biology	36	30	4	0	2	19	3	2
Business Economics & Mgmt.	4	4	2	0	1	0	0	1
Chemical Engineering	15	10	3	0	1	5	0	1
Chemistry	20	17	4	0	1	11	1	0
Computer Science	17	15	5	1	2	4	2	1
Economics	4	2	2	0	0	0	0	0
Electrical & Computer Engineering	3	1	1	0	0	0	0	0
Electrical Engineering	26	19	5	2	0	11	1	0
Engineering & Applied Science	11	8	3	0	1	3	1	0
Engineering & Applied Science (Aeronautics)	3	3	1	1	0	0	0	1
Engineering & Applied Science (Computational & Neural Sys.)	2	0	0	0	0	0	0	0
Engineering & Applied Science (Materials Science)	1	1	0	0	0	1	0	0
Geobiology	2	1	0	0	1	0	0	0
Geology	4	2	1	0	0	1	0	0
Geophysics	1	1	0	0	0	1	0	0
Mathematics	16	10	0	0	0	8	1	1
Mechanical Engineering	22	18	4	2	2	8	2	0
Physics	40	30	0	0	3	25	1	1
Planetary Science	1	1	1	0	0	0	0	0
Total	249	186	40	6	16	103	12	9
Percentages (based on responses)			22%	3%	9%	55%	6%	5%

California Institute of Technology
Doctor of Philosophy Candidates, Class of 2006
Plans by Option

Option	Number of Graduates	Number of Responses	Accepted industry employment	Accepted tenure-track employment	Accepted postdoc employment	Accepted other academic employment	Deciding among job offers	Seeking employment	Cont. education for MD, JD, or MBA	Cont. MD/PhD program	Other	Undecided
Aeronautics	5	3	1	0	1	0	0	1	0	0	0	0
Applied & Computational Mathematics	4	3	1	0	1	1	0	0	0	0	0	0
Applied Mechanics	3	1	0	0	0	0	1	0	0	0	0	0
Applied Physics	11	8	3	0	4	0	0	0	0	0	1	0
Astronomy	2	1	0	0	1	0	0	0	0	0	0	0
Astrophysics	3	1	0	0	1	0	0	0	0	0	0	0
Biochemistry & Molecular Biophysics	8	5	2	0	2	0	0	0	0	1	0	0
Bioengineering	1	0	0	0	0	0	0	0	0	2	0	0
Biology	14	7	0	0	2	0	1	1	1	0	0	0
Chemical Engineering	11	6	2	1	2	1	0	0	0	0	0	0
Chemistry	31	17	4	0	10	0	0	2	0	0	1	0
Computation & Neural Systems	7	4	2	0	1	0	0	1	0	0	0	0
Computer Science	3	2	0	0	0	0	1	0	0	0	0	1
Control & Dynamical Systems	3	1	0	0	1	0	0	0	0	0	0	0
Electrical Engineering	16	8	2	2	2	0	1	1	0	0	0	0
Environmental Science & Engineering	3	3	0	0	3	0	0	0	0	0	0	0
Geochemistry	2	1	0	0	1	0	0	0	0	0	0	0
Geology	2	1	0	0	0	0	1	0	0	0	0	0
Geophysics	4	3	0	0	1	2	0	0	0	0	0	0
Materials Science	3	2	1	0	1	0	0	0	0	0	0	0
Mathematics	7	4	1	2	1	0	0	0	0	0	0	0
Mechanical Engineering	8	4	2	0	1	0	0	1	0	0	0	0
Physics	21	11	2	0	5	0	0	2	0	0	0	2
Planetary Science	3	1	0	0	0	1	0	0	0	0	0	0
Social Science	2	0	0	0	0	0	0	0	0	0	0	0
Grand Total	177	97	23	5	41	5	5	9	1	3	2	3
Rounded Percentages (based on responses)			24%	5%	42%	5%	5%	9%	1%	3%	2%	3%

**California Institute of Technology
Degree Candidates, Class of 2006
Plans by Gender**

B.S. Candidates

Plans	Female	Male	Number of Respondents who Reported Gender
Accepted Employment	9	25	34
Deciding among job offers	1	5	6
Seeking employment	4	10	14
Attending graduate/professional school	33	59	92
Other	4	6	10
Undecided	2	4	6
Grand Total	53	109	162
Percentages	33%	67%	

Ph.D. Candidates

Plans	Female	Male	Number of Respondents who Reported Gender
Accepted industry employment	6	11	17
Accepted tenure-track employment	1	4	5
Accepted postdoc employment	11	28	39
Accepted other academic employment	2	2	4
Deciding among job offers	2	3	5
Seeking employment	4	4	8
Continuing education for MD, JD, or MBA	0	1	1
Continuing MD/PhD program	1	2	3
Other	1	5	6
Undecided	0	3	3
Grand Total	28	63	91
Percentages	31%	69%	

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

**California Institute of Technology
Degree Candidates, Class of 2006
Plans of International Students**

B.S. Candidates

Plans	Total Respondents	Number of International Students
Accepted Employment	40	6
Deciding among job offers	6	0
Seeking employment	16	1
Attending graduate/professional school	103	4
Other	12	0
Undecided	9	0
Grand Total	186	11

Ph.D. Candidates

Plans	Total Respondents	Number of International Students
Accepted industry employment	23	6
Accepted tenure-track employment	5	4
Accepted postdoc employment	41	12
Accepted other academic employment	5	4
Deciding among job offers	5	3
Seeking employment	9	5
Continuing education for MD, JD, or MBA	1	0
Continuing MD/PhD program	3	0
Other	2	3
Undecided	3	3
Grand Total	97	40

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

California Institute of Technology Students Admitted to Medical School

Female Undergraduate Student
Biology / 2006
University of California, San Diego, School of Medicine
MD (2006)

Male Graduate Student
Biology / 2006
Drexel University, College of Medicine
MD (2006)

Male Graduate Student
Biology
Oregon Health & Science University, School of Medicine
MD/PhD (2006)

Female Undergraduate Student
Biology / 2006
University of Southern California, Keck School of Medicine
MD (2006)

Male Undergraduate Student
Biology / 2006
University of California, San Diego, School of Medicine
MD (2006)

Female Undergraduate Student
Biology / 2006
Drexel University, College of Medicine
MD (2006)

Female Undergraduate Student
Biology / 2006
University of Southern California, Keck School of Medicine
MD (2006)

Female Undergraduate Student
Biology / 2006
New York University, School of Medicine
MD/PhD (2006)

Female Undergraduate Student
Biology / 2006
Jefferson Medical College of Thomas Jefferson University
MD (2006)

Male Undergraduate Student
Physics / 2006
UCLA David Geffen School of Medicine / Caltech
MD/PhD (2006)

Male Undergraduate Student
Electrical Engineering / 2006
University of California, San Diego, School of Medicine
MD (2006)

Female Undergraduate Student
Chemistry / 2006
University of California, Los Angeles, School of Dentistry
DDS (2006)

Female Undergraduate Student
Biology / 2006
Harvard HST Program
MD (2006)

Alumni Admitted to Medical School

Female Alumna 2005
University of Illinois Urbana-Champaign
MD/PhD (2006)

Female Alumna 2003
University of California, Irvine, School of Medicine
MD (2006)

Male Alumnus 1999
Yale University School of Medicine
MD (2006)

Male Alumnus 1998
Wayne State University School of Medicine
MD (2006)

Female Alumna 2002
University of California, San Francisco, School of Dentistry
DDS/PhD (2006)

Male Alumnus 2000
University of California, San Francisco, School of Medicine
MD (2006)