

## List of Colleagues of William A. Goddard III

Section 1: <sup>a</sup> Graduate Students Obtaining Degrees at Caltech				
date	name	degree	field	coadvisor
1985	Allison, Janet N.	Ph.D.	chemistry	
1988	Anslyn, Eric V.	Ph.D.	chemistry	Grubbs*
1982	Bair, Raymond A.	Ph.D.	chemistry	
1998	Belmares, Michael P.	Ph.D.	chemistry	
1998	Bertsch, Ruth Ann	Ph.D.	chemistry	Chan
1995	Bierwagen, Erik Paul	Ph.D.	chemistry	Bercaw
1972	Blint, Richard J.	Ph.D.	chemistry	
1974	Bobrowicz, Frank W.	Ph.D.	chemistry	
1999	Brameld, Kenneth A.	Ph.D.	chemistry	
1988	Brusich, Mark John	Ph.D.	chemistry	
<i>b</i>	Carlson, Matt	Ph.D.	chemistry	
1987	Carter, Emily Ann	Ph.D.	chemistry	
1981	Casewit, Carla J.	Ph.D.	chemistry	Roberts*
1986	Cave, Robert J.	Ph.D.	chemistry	Marcus
1992	Chen, Guanhua	Ph.D.	physics	
1999	Claypool, Christopher L.	Ph.D.	chemistry	Lewis*
1993	Coley, Terry Ronald	Ph.D.	chemistry	
1997	Crellin, Kevin C.	Ph.D.	chemistry	Beauchamp*
1977	Davis, James H.	Ph.D.	chemistry	Bergman
2000	Debe, Derek	Ph.D.	chemistry	
1996	Demiralp, Ersan	Ph.D.	appl. phys.	
1992	Donnelly Jr., Robert Edward	Ph.D.	chemistry	
1970	Dunning, Thomas H.	Ph.D.	chemistry	McKoy
1993	Evans, John S.	Ph.D.	chemistry	Chan
1998	Faglioni, Francesco	Ph.D.	chemistry	
1978	Frueholz, Robert P.	Ph.D.	chemistry	Kuppermann*
1998	Gao, Guanghua	Ph.D.	physics	
1995	Gerdy, James J.	Ph.D.	chemistry	
1984	Goodgame, Marvin M.	Ph.D.	chemistry	
1973	Guberman, Steven L.	Ph.D.	chemistry	
1992	Guo, Yuejin	Ph.D.	chemistry	
1979	Harding, Lawrence B.	Ph.D.	chemistry	
1972	Hay, Philip J.	Ph.D.	chemistry	
1979	Houle, Frances A.	Ph.D.	chemistry	Beauchamp*
1996	Hua, Xinlei	Ph.D.	appl. phys.	
1973	Huestis, David L.	Ph.D.	chemistry	
1972	Hunt, William J.	Ph.D.	chemistry	
1988	Hurley, Jon N.	MS	chemistry	
<i>c</i>	Ihee, H.	Ph.D.	chemistry	Zewail*
1998	Iotov, Mihail S.	Ph.D.	physics	
1991	Irikura, Karl K.	Ph.D.	chemistry	Beauchamp
1971	Kahn, Luis R.	Ph.D.	chemistry	
1992	Karasawa, Naoki	Ph.D.	appl. phys.	
1995	Kiang, Ching-Hwa	Ph.D.	chemistry	
<i>d</i>	Kua, Jeremy	Ph.D.	chemistry	
1972	Ladner, Robert C.	Ph.D.	chemistry	
1993	Lang, Gladys H.	Ph.D.	physics	Koonin*
1994	Langlois, Jean-Marc	Ph.D.	appl. phys.	
1974	Levin, George B.	Ph.D.	chemistry	
1994	Li, Mo	Ph.D.	appl. phys.	Johnson
1995	Lim, Kian-Tat	Ph.D.	chemistry	
1985	Low, John J.	Ph.D.	chemistry	
2000	Lu, Daqi	Ph.D.	appl. phys.	
1998	Mahajan, Sanjoy	Ph.D.	physics	Phinney*
1993	Mathiowetz, Alan Martin	Ph.D.	chemistry	
1988	Mayo, Stephen L.	Ph.D.	chemistry	Gray*, Richards, Campbell
1988	McAdon, Mark H.	Ph.D.	chemistry	
1997	McClurg, Richard B.	Ph.D.	chem. eng.	Flagan
1984	McElwee-White, Lisa	Ph.D.	chemistry	Dougherty*
1972	Melius, Carl F.	Ph.D.	chemistry	
1997	Melnik, M. Susan	Ph.D.	appl. phys.	Goodwin
1993	Miller, Ann Elizabeth	Ph.D.	chemistry	
1995	Mintz, Abner	MS	chemistry	
1972	Mortola, Albert P.	Ph.D.	chemistry	Gray
1975	Moss, Barry	MS	chemistry	
1994	Muller, Richard Partain	Ph.D.	chemistry	
1995	Musgrave, Charles Bruce	Ph.D.	mat. sci.	
1978	Nascimento, Marco A. C.	Ph.D.	chemistry	

Section 1:<sup>a</sup> Graduate Students Obtaining Degrees at Caltech (Continued)

date	name	degree	field	coadvisor
1989	Naylor, Adel Marie	Ph.D.	chemistry	
1971	O'Keefe, Patricia M.	Ph.D.	chemistry	
1979	Olafson, Barry D.	Ph.D.	chemistry	
1993	Park, Changmoon	Ph.D.	chemistry	
1994	Perry, Jason Kendrick	Ph.D.	chemistry	
1994	Plaxco, Kevin W.	Ph.D.	biology	
<i>e</i>	Qi, Yue	Ph.D.	mater. sci.	
1988	Ramirez, Benjamin E.	Ph.D.	chemistry	Gray, Richards
1981	Rappe, Anthony K.	Ph.D.	chemistry	
1977	Redondo, Antonio M.	Ph.D.	physics	McGill
1982	Rianda, Ronald	Ph.D.	chemistry	Kuppermann*
1987	Schilling, J. Bruce	Ph.D.	chemistry	Beauchamp
1989	Shin, Seuna Koo	Ph.D.	chemistry	Beauchamp*
1981	Smedley, Terry A.	MS	chemistry	
1989	Smith, David C.	Ph.D.	chemistry	Gray
1976	Staley, Ralph H.	Ph.D.	chemistry	Beauchamp
1984	Steigerwald, Michael L.	Ph.D.	chemistry	Grubbs
1976	Surratt, Grover T.	Ph.D.	physics	
1992	Tahir-Kheli, Jamil	Ph.D.	physics	
1996	Takeuchi, Toshihiko	Ph.D.	chemistry	Gray
1997	Tsai, Bao-Liang	Ph.D.	chemistry	
1980	Upton, Thomas H.	Ph.D.	chemistry	
1983	Voter, Arthur F.	Ph.D.	chemistry	
1975	Wadt, Willard R.	Ph.D.	chemistry	
1977	Walch, Stephen P.	Ph.D.	chemistry	
<i>f</i>	Wang, Guofeng	Ph.D.	mat. sci.	
1992	Wendel, John	MS	mat. sci.	
1970	Wilson, C. Woodrow, Jr.	Ph.D.	chemistry	
1079	Woodin, Richard L.	Ph.D.	chemistry	Beauchamp*
<i>g</i>	Zamanakos, Georgios	Ph.D.	physics	
1983	Zur, Amikan	Ph.D.	physics	McGill*

Section 2:<sup>h</sup>

name		year		name		year	
		from	to			from	to
Avdeev, V. I.	postdoc	79	80	Li, Mo	postdoc	94	96
Barton, John J.	undergrad	76	78	Mainz, Daniel T.	postdoc	Jan 98	present
Blanco, Mario	sr. research staff	95	present	Martin, Ryan	grad stud	Oct 98	present
Cagin, Tahir	sr. research staff	96	present	Miklis, Paul J.	grad stud	96	98
Chang, Roger	visitor	83	85	Mullor, Rich	sr. postdoc	97	present
Che, Jianwei	postdoc	97	present	Ohanessian, Gilles	postdoc	91	92
Chen, Xiaojie	postdoc	94	97	Palke, William E.	postdoc	67	69
Dasgupta, Siddhardth	sr. research staff	86	present	Ramachandran, Sunder	postdoc	94	96
Demiralp, Ersan	postdoc	95	98	Redondo, Antonio	postdoc	80	83
Diallo, Mamadou S.	postdoc	96	present	Shaskin, S. Yu	postdoc	85	86
Ding, Hong Q.	postdoc	90	92	Smith, Jim	grad student	95	96
Floriano, Wely B.	postdoc	95	present	Swarts, Conrad A.	postdoc	80	82
Horowitz, David S.	undergrad	86	88	Vaidehi, Nagarajan	sr. research staff	93	present
Hu, Jinsong	grad stud	93	95	Wang, Song	grad student	96	97
Jang, Yun Hee	postdoc	97	present	Winter, Nick W.	postdoc	71	73
Jaramillo-Botero, A.	postdoc	97	98	Yaffe, Lawrence G.	undergrad	74	76
Jiang, Shaoyi	postdoc	94	96	Zeiri, Yehuda	postdoc	81	82
Karasawa, Naoki	postdoc	92	95	Zhou, Yanhau	postdoc	97	present
Li, Hao	grad stud	97	99				

Section 3:<sup>i</sup>

name	institution	year		name	institution	year	
		from	to			from	to
Armentrout, Peter B.	U. Utah	94	95	Domont, G. B.	U. Rio de Janeiro	97	99
Ary, Marie	Molecular Simulations Inc.	90	92	Dougherty, Dennis A.	Caltech, chemistry	83	84
Baldeschwieler	Caltech, chemistry	85	91	Evans, David A.	Caltech, chemistry	78	79
Beachamp, Jack L.	Caltech, chemistry	84	present	Fan, C.-Fang	Molecular Simulations Inc.	95	97
Bender, Charles F.	University Computer Corp.	71	75	Fijany, A.	JPL	97	99
Bercaw, John E.	Caltech, chemistry	92	present	Flagan, Richard C.	Caltech, chem engr	93	96
Bergman, Robert G.	Caltech, chemistry	74	77	Frazier, Rawls	Chevron, CRTC	94	97
Bethune, Don S.	IBM Almaden	92	96	Friesner, Richard	Columbia U.	91	present
Blake, Geoff A.	Caltech, Geology	91	93	Gardos, Mike N.	Hughes/Raytheon	90	present
Bowers, Mike	UC Santa Barbara	86		Garrison, Barbara	Penn. State U.	86	87
Brunett, Sharon	Caltech, CACR	95	present	Gray, Harry B.	Caltech, chemistry	72	present
Cagin, Tahir	Molecular Simulations Inc.	90	95	Hammond, William B.	Allied Signal	90	96
Campbell, Judy	Caltech, chemistry	92	96	Harris, Steve	General Motors	94	96
Cartwright, David C.	Aerospace Corp.	71	74	Ho, Andy	Chevron, CRTC	96	99
Chan, Sunney	Caltech, chemistry	66	present	Ho, Wilson	Cornell, physics	94	present
Chen, Huey J.	Chevron, CPTC	94	97	Honig, Barry	Columbia U.	92	94
Chen, Z	Molecular Simulations Inc.	93	95	Huff, N. Tom	Owens-Corning	95	98

Section 3<sup>i</sup> (Continued)

name	institution	year		name	institution	year	
		from	to			from	to
Ibers, Jim A.	Northwestern U.	85	86	Samwer, Konrad	University Augsburg, Germany	98	99
Ikeda, Hideyuki	Kagosima College, RRII	98	98	Schaefer, H. Fritz, III	UC Berkeley	71	72
Imperiali, Barbara	Caltech, chemistry	97	98	Seinfeld, John H.	Caltech, chem engr	95	96
Jain, Abhi	JPL	92	95	Shelnutt, John A.	Sandia Mat. Labs.	94	95
Johnson Jr., Jim H.	Howard University	98	99	Shively, Jack E.	City of Hope, Duarte, CA	98	99
Keire, David A.	City of Hope	98	99	Shuler, Patrick	Chevron, CPTC	94	98
Kerins, John	BP America	90	94	Skiff, W. M.	Shell Development, Houston	91	92
Kimura, Toshi	Nippon Steel	96	98	Smith, Ken	General Electric	90	93
Kitao, Osamu	NIMC, Tsukuba, Japan	98	99	Spiro, Tom	Princeton	96	98
Lewis, Nate S.	Caltech, chemistry	96	99	Tang, Yongchun	Chevron, CPTC	91	present
Maekawa, T.	Asahi Glass, Japan	92	94	Taylor, Steve	Caltech, computer science	95	97
Marder, Seth	Caltech, Beckman Inst	94	98	Tomalia, Don A.	Dow Chemical, Midland	89	99
McGill, Tom C.	Caltech, applied physics	74	83	Trajmar, Sandor	JPL	72	73
Merkle, Ralph	Xerox PARC	89	95	Weinberg, W. Henry	Caltech, chem engr	79	83
Murphy, Rob	Schrodinger, Inc.	92	96	Wittig, Curt	USC	90	91
Nascimento, Marco	U. Rio de Janeiro, Brazil	96	present	Yamaguchi, Elaine S.	Chevron Chemical Co.	94	99
Ozin, Geoffrey A.	U. Toronto, Canada	77	78	Yamasaki, Terumasa	Asahi Chemical, Japan	89	present
Perry, Joe W.	JPL	94	98	Yates, John T., Jr.	U. Pittsburgh	96	97
Ringnalda, Murco	Schrodinger, Inc.	91	present	Zewail, Ahmed	Caltech, chemistry	98	present
Roberts, Jack D.	Caltech, chem	96	99	Zinck, Jenna	Hughes Research Labs	93	96
Sadanobu, Jiro	Teijin Corp., Japan	92	98				

<sup>a</sup> Section 1 lists the people who received advanced degrees from Caltech while working with William A. Goddard III. The ones whose graduate research was primarily with another faculty member have an asterisk next to the faculty member's name. <sup>b</sup> Graduate student 1993 to present. <sup>c</sup> Graduate student (Zewail) 1998 to present. <sup>d</sup> Graduate student 1996 to present. <sup>e</sup> Graduate student 1997 to present. <sup>f</sup> Graduate student 1998 to present. <sup>g</sup> Graduate student 1998 to present. <sup>h</sup> Section 2 lists the people who were postdoctoral fellows, undergraduates, or visitors with William A. Goddard III. The time periods quoted are roughly those that led to published papers. <sup>i</sup> Section 3 includes colleagues at Caltech and elsewhere who have collaborated with William A. Goddard III on published papers. The time periods quoted are roughly those that led to published papers.