

UC Berkeley

Section IV: Documents

Title

Berkeley Women Fellows of the National Academy of Engineering

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Author

MacLachlan, Anne J

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UC Berkeley Women Members of the National Academy of Engineering

The National Academy of Engineering (NAE) was established in 1964 as part of the National Academies of Sciences, Engineering, and Medicine, under the congressional charter granted to the National Academy of Sciences. It serves as a private, independent, nonprofit institution that provides expert advice on engineering and technology issues that impact the nation and the world. The Academy brings together eminent engineers from all disciplines to promote the advancement of engineering education, research, and practice, and to guide public understanding and policy in areas of technological importance. The Academy's current president is John L. Anderson.

The first woman elected to the NAE was Lillian M. Gilbreth in 1965 from Purdue University, where she was also the first woman engineering professor. Gilbreth was an industrial engineer and psychologist whose work helped shape modern industrial management and human factors engineering.

Eleven Berkeley women hold memberships from a total of seventy-one Berkeley members. (Humphreys)

Name Last, First	UCB Department	UCB Start Year	NAEF Section	NAEF Election Year	Member Type
Agogino, Alice M.	Mechanical Engineering	1984	Mechanical Engineering	1997	Member
Alvarez-Cohen, Lisa	Civil and Environmental Engineering	1991	Civil & Environmental Engineering	2010	Member
Bajcsy, Ruzena	Electrical Engineering and Computer Sciences	2001	Computer Science and Engineering	1997	Member
Chang-Hasnain, Constance	Electrical Engineering and Computer Sciences	1996	Electronics, Communication & Information Systems	2018	Member
Doyle, Fiona	Materials Science and Engineering	1983	National Resources Engineering	2016	Member
Goldwasser, Shafrira	Electrical Engineering and Computer Sciences	1984	Computer Science and Engineering	2005	Member
Graham, Susan L.	Electrical Engineering and Computer Sciences	1971	Computer Science and Engineering	1993	Member
King Liu, Tsu-Jae	Electrical Engineering and Computer Sciences	1996	Electronics, Communication & Information Systems	2017	President
Persson, Kristin	Materials Science and Engineering	2015	Materials	2025	Member
Tomlin, Claire J.	Electrical Engineering and Computer Sciences	2008	Electronics, Communication & Information Systems	2019	Member
Jennifer Doudna	Molecular & Cell Biology; Chemistry	2002	Bioengineering	2026	Member
Yelick, Katherine	Electrical Engineering and Computer Sciences	1991	Computer Science and Engineering	2017	Member

Source: <https://www.nae.edu/20412/MemberDirectory> Compiled in 2026 for 150W