

## The National Academy of Engineering List of Women Members

The National Academy of Engineering (NAE) was established in 1964 to promote the engineering profession and marshal the expertise and insight of eminent engineers to provide independent advice to the federal government. It is a prestigious honor to be elected to this Academy. As of 2023, the NAE had 320 women members (U.S. and foreign, not including deceased members) out of 2700 members. Computer Science & Engineering is the discipline with the most female members, followed by Bioengineering and Chemical Engineering.

Member's Name	Primary Section or Discipline	Election Year
Adjiman, Claire S. (United Kingdom)	Chemical Engineering	2023
Barzilay, Regina	Computer Science & Engineering	2023
Berhe, Asmeret Asefaw	Earth Resources Engineering	2023
Curtis, Jennifer Sinclair	Chemical Engineering	2023
Darden, Christine Mann	Aerospace Engineering	2023
Grubbe, Deborah L.	Chemical Engineering	2023
Jackson, Lisa P.	Earth Resources Engineering	2023
John, Miriam E.	Special Fields & Interdisciplinary Engineering	2023
Keville, Christine Mary	Civil & Environmental Engineering	2023
Kuhn, Kelin J.	Electronics, Communication & Information Systems Engineering	2023
Lerner-Lam, Eva	Civil & Environmental Engineering	2023
Locascio, Laurie Ellen	Bioengineering	2023
Lozano, Karen	Materials Engineering	2023
Marr, Linsey C.	Civil & Environmental Engineering	2023
Nguyen, Thuc-Quyen	Materials Engineering	2023
Norwood, Virginia T. *	Earth Resources Engineering	2023
Panetta, Karen Ann	Special Fields & Interdisciplinary Engineering	2023
Peters-Lidard, Christa Dianne	Earth Resources Engineering	2023
Puskas, Judit E.	Bioengineering	2023
Swartz, Melody A.	Bioengineering	2023
Wang, Q. Jane	Mechanical Engineering	2023
Wright, Dawn Jeannine	Earth Resources Engineering	2023
Wyche, Vanessa E.	Aerospace Engineering	2023
Xue, Jie	Industrial, Manufacturing & Operational Systems Engineering	2023
Young, Lily Y.	Earth Resources Engineering	2023
Zall, Linda	Earth Resources Engineering	2023
Aung, MiMi	Aerospace Engineering	2022

Member's Name	Primary Section or Discipline	Election Year
Balazs, Anna C.	Materials Engineering	2022
Bergeron, Kathleen	Mechanical Engineering	2022
Bhuvaneswari, Gurumoorthy (India)	Electric Power/Energy Systems Engineering	2022
Bizios, Rena	Bioengineering	2022
Cao, Jian	Mechanical Engineering	2022
Clayton, Norma B.	Industrial, Manufacturing & Operational Systems Engineering	2022
Croak, Marian R.	Computer Science & Engineering	2022
Czerwinski, Mary	Computer Science & Engineering	2022
Dudney, Nancy J.	Materials Engineering	2022
Fernandez, Nuria I.	Civil & Environmental Engineering	2022
Filas, Barbara A.	Earth Resources Engineering	2022
Gray, Denise	Mechanical Engineering	2022
Hruby, Jill Marie	Mechanical Engineering	2022
Hylton, Nola M.	Bioengineering	2022
Jansen, Kathrin U. (Germany)	Bioengineering	2022
Karlin, Anna	Computer Science & Engineering	2022
Kotanchek, Theresa	Materials Engineering	2022
Liebert, Rebecca	Chemical Engineering	2022
Lueders, Kathryn	Aerospace Engineering	2022
Magnus, Sandra H.	Aerospace Engineering	2022
Manuel, Michele M.	Materials Engineering	2022
Phipps, Maryann T.	Civil & Environmental Engineering	2022
Popovic, Zorana B.	Electronics, Communication & Information Systems Engineering	2022
Rajala, Sarah A.	Special Fields & Interdisciplinary Engineering	2022
Riel, Heike (Switzerland)	Materials Engineering	2022
Schoenung, Julie M.	Materials Engineering	2022
Scow, Kate M.	Earth Resources Engineering	2022
Shoemaker, Leslie L.	Civil & Environmental Engineering	2022
Singh, Deepika B.	Industrial, Manufacturing & Operational Systems Engineering	2022
Veloso, Manuela	Computer Science & Engineering	2022
Ward, Solveig Maria	Electric Power/Energy Systems Engineering	2022
Whitney, Telle	Computer Science & Engineering	2022
Wilcox, Karen E.	Aerospace Engineering	2022
Yang, Taiyin	Chemical Engineering	2022

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Alves, Paula Marques (Portugal)	Bioengineering	2021
Brown, Julia J.	Electronics, Communication & Information Systems Engineering	2021
Cheng, Lili	Computer Science & Engineering	2021
Corrigan, Catherine Ford	Bioengineering	2021
Guazzelli, Elisabeth Louise Marie (France)	Chemical Engineering	2021
Hill, Mary Catherine	Earth Resources Engineering	2021
Hurter, Patricia Nell	Chemical Engineering	2021
Ilic, Marija D.	Electric Power/Energy Systems Engineering	2021
Jackson, Kathryn J.	Electric Power/Energy Systems Engineering	2021
Kafafi, Zakya H.	Electronics, Communication & Information Systems Engineering	2021
Kelly, Terri L.	Special Fields & Interdisciplinary Engineering	2021
Kiremidjian, Anne S.	Civil & Environmental Engineering	2021
Lavender, Shelley K.	Aerospace Engineering	2021
Leon, Claire	Aerospace Engineering	2021
Lockwood, Frances E.	Mechanical Engineering	2021
Maarek, Yoelle (Israel)	Computer Science & Engineering	2021
Martonosi, Margaret R.	Computer Science & Engineering	2021
McNutt, Marcia	Earth Resources Engineering	2021
Melroy, Pamela Ann	Aerospace Engineering	2021
Merfeld, Danielle W.	Electric Power/Energy Systems Engineering	2021
Mitra, Sumita B.	Materials Engineering	2021
Ostendorf, Mari	Computer Science & Engineering	2021
Palasis, Maria	Chemical Engineering	2021
Pyrak-Nolte, Laura J.	Earth Resources Engineering	2021
Raskin, Lutgarde M.	Civil & Environmental Engineering	2021
Rosario, Jeanne M.	Mechanical Engineering	2021
Segalman, Rachel A.	Chemical Engineering	2021
Sherwood Lollar, Barbara (Canada)	Earth Resources Engineering	2021
Stebe, Kathleen J.	Chemical Engineering	2021
VanZandt, Vickie A.	Electric Power/Energy Systems Engineering	2021
Wallis-Lage, Cindy L.	Civil & Environmental Engineering	2021
Ying, Jackie Y.	Bioengineering	2021
Abron, Lilia A.	Civil & Environmental Engineering	2020
Allen, Eleanor	Civil & Environmental Engineering	2020

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Bekins, Barbara	Earth Resources Engineering	2020
Bent, Stacey F.	Chemical Engineering	2020
Brown, Alison K.	Electronics, Communication & Information Systems Engineering	2020
Brown, Marilyn Ann	Electric Power/Energy Systems Engineering	2020
Faul, Margaret M.	Chemical Engineering	2020
Felser, Claudia Anna-Maria (Germany)	Earth Resources Engineering	2020
Hanson, Vicki Lynne	Computer Science & Engineering	2020
Harris, Latonia M.	Bioengineering	2020
Harrison, Susan T. (South Africa)	Earth Resources Engineering	2020
Helms, Susan Jane	Aerospace Engineering	2020
Hering, Susanne V.	Special Fields & Interdisciplinary Engineering	2020
Hubbard, Susan Sharpless	Earth Resources Engineering	2020
Keller, Sallie	Industrial, Manufacturing & Operational Systems Engineering	2020
Kolda, Tamara	Computer Science & Engineering	2020
Kornfield, Julia Ann	Chemical Engineering	2020
Kurtz, Sarah	Materials Engineering	2020
Li, Fei-Fei	Computer Science & Engineering	2020
Margulies, Susan S.	Bioengineering	2020
Médard, Muriel	Electronics, Communication & Information Systems Engineering	2020
Murthy, Jayathi Y.	Mechanical Engineering	2020
Niklason, Laura Elizabeth	Bioengineering	2020
Ochoa, Ellen	Special Fields & Interdisciplinary Engineering	2020
Ortwein, Sara N.	Earth Resources Engineering	2020
Roby, Anne K.	Chemical Engineering	2020
Sellen, Abigail J. (United Kingdom)	Computer Science & Engineering	2020
Shotwell, Gwynne E.	Aerospace Engineering	2020
Sottos, Nancy R.	Mechanical Engineering	2020
Tamargo, Maria C.	Materials Engineering	2020
Vogel, Viola (Switzerland)	Bioengineering	2020
Ward, Rabab Kreidieh (Canada)	Computer Science & Engineering	2020
Aizenberg, Joana	Materials Engineering	2019
Axelrad, Penina	Aerospace Engineering	2019
Baker, Mary*	Aerospace Engineering	2019

Member's Name	Primary Section or Discipline	Election Year
Barabino, Gilda A.	Chemical Engineering	2019
Broadbelt, Linda J.	Chemical Engineering	2019
Chen, Wei	Mechanical Engineering	2019
Deligianni, Hariklia	Chemical Engineering	2019
Glutzer, Sharon C.	Chemical Engineering	2019
Grejner-Brzezinska, Dorota A.	Special Fields & Interdisciplinary Engineering	2019
Kiesler, Sara	Computer Science & Engineering	2019
Kogel, Jessica E.*	Earth Resources Engineering	2019
Lam, Monica S.	Computer Science & Engineering	2019
Parker Hudson, Linda	Industrial, Manufacturing & Operational Systems Engineering	2019
Ponte de Barros, Ana Paula Caldas	Civil & Environmental Engineering	2019
Barra, Mary T.	Mechanical Engineering	2018
Belcher, Angela M.	Materials Engineering	2018
Brazil, Aine M.	Civil & Environmental Engineering	2018
Chang-Hasnain, Constance J.	Electronics, Communication & Information Systems Engineering	2018
Chen, Hongming	Chemical Engineering	2018
Chen, Jacqueline H.	Mechanical Engineering	2018
Chu, Margaret S.	Electric Power/Energy Systems Engineering	2018
Cruz-Neira, Carolina	Computer Science & Engineering	2018
Elisseeff, Jennifer Hartt	Bioengineering	2018
Foufoula-Georgiou, Efi	Special Fields & Interdisciplinary Engineering	2018
Greene, Diane B.	Computer Science & Engineering	2018
Karagozian, Ann R.	Aerospace Engineering	2018
Olson, Judith S.	Computer Science & Engineering	2018
Rusinko, Barbara Estelle	Industrial, Manufacturing & Operational Systems Engineering	2018
Shao-Horn, Yang	Mechanical Engineering	2018
Smyth, Susan	Industrial, Manufacturing & Operational Systems Engineering	2018
Su, Lisa	Electronics, Communication & Information Systems Engineering	2018
Tousi, Susan H.	Bioengineering	2018
Arruda, Ellen M.	Mechanical Engineering	2017
Asakawa, Chieko (Japan)	Computer Science & Engineering	2017
Cabuz, Cleopatra	Electronics, Communication & Information Systems Engineering	2017

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Chong, Dianne	Industrial, Manufacturing & Operational Systems Engineering	2017
Goldsmith, Andrea	Electronics, Communication & Information Systems Engineering	2017
Gunsel, Selda	Mechanical Engineering	2017
Hammond, Paula T.	Chemical Engineering	2017
Hirschberg, Julia	Computer Science & Engineering	2017
Holmgren, Jennifer R.	Chemical Engineering	2017
Howell, Kathleen C.	Aerospace Engineering	2017
Katabi, Dina	Computer Science & Engineering	2017
King Liu, Tsu-Jae	Electronics, Communication & Information Systems Engineering	2017
Leung, L. Ruby	Special Fields & Interdisciplinary Engineering	2017
Lewis, Jennifer A.	Materials Engineering	2017
Niemeier, Debbie A.	Civil & Environmental Engineering	2017
Slaughter, E. Sarah	Civil & Environmental Engineering	2017
Smith, Megan J.	Mechanical Engineering	2017
Solomon, Darlene J. S.	Bioengineering	2017
Vautrinot, Suzanne M.	Special Fields & Interdisciplinary Engineering	2017
Yelick, Katherine A.	Computer Science & Engineering	2017
Bao, Zhenan	Materials Engineering	2016
Carter, Emily A.	Chemical Engineering	2016
Doyle, Fiona M.	Earth Resources Engineering	2016
Hipwell, M. Cynthia	Mechanical Engineering	2016
Johnson, Kristina M.	Electronics, Communication & Information Systems Engineering	2016
Liu, Yilu	Power/Energy Systems Engineering	2016
Prabhakar, Arati	Special Fields & Interdisciplinary Engineering	2016
Reder, Wanda K.	Power/Energy Systems Engineering	2016
Salamone, Ann B.	Bioengineering	2016
Scanlon, Bridget	Earth Resources Engineering	2016
Shoichet, Molly (Canada)	Bioengineering	2016
Sullivan, Kathryn D.	Special Fields & Interdisciplinary Engineering	2016
Tikka, Kirsi, K. (United Kingdom)	Special Fields & Interdisciplinary Engineering	2016
West, Jennifer L.	Bioengineering	2016
Bardasz, Ewa A.	Mechanical Engineering	2015
Bhatia, Sangeeta N.	Bioengineering	2015

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Blanchard, Cheryl R.	Bioengineering	2015
Daubechies, Ingrid	Computer Science & Engineering	2015
Gladden, Lynn F. (United Kingdom)	Chemical Engineering	2015
Gleason, Karen K.	Chemical Engineering	2015
Hering, Janet G.	Civil & Environmental Engineering	2015
Kullman, Ellen J.	Special Fields & Interdisciplinary Engineering	2015
Myers, Kyle J.	Bioengineering	2015
Perlman, Radia J.	Computer Science & Engineering	2015
Rometty, Virginia M.	Industrial, Manufacturing & Operational Systems Engineering	2015
Rus, Daniela	Computer Science & Engineering	2015
Sulzberger, Virginia C.	Power/Energy Systems Engineering	2015
Banks, M. Katherine	Earth Resources Engineering	2014
Ciminelli, Virginia S. T. (Brazil)	Earth Resources Engineering	2014
Dietrich, Brenda J.	Industrial, Manufacturing & Operational Systems Engineering	2014
Ferrara, Katherine W.	Bioengineering	2014
Flytzani-Stephanopoulos, Maria*	Chemical Engineering	2014
Halas, Naomi J.	Materials Engineering	2014
Knatz, Geraldine	Special Fields & Interdisciplinary Engineering	2014
Pawlikowski, Ellen M.	Aerospace Engineering	2014
Rexford, Jennifer	Computer Science & Engineering	2014
Samarasekera, Indira V. (Canada)	Materials Engineering	2014
Blackmond, Donna G.	Chemical Engineering	2013
Bonnell, Dawn A.	Materials Engineering	2013
Burns, Ursula M.	Special Fields & Interdisciplinary Engineering	2013
Greiner, Helen	Computer Science & Engineering	2013
Wood, Sharon L.	Civil & Environmental Engineering	2013
Boyan, Barbara D.	Bioengineering	2012
Boyce, Mary C.	Mechanical Engineering	2012
Brennecke, Joan F.	Chemical Engineering	2012
Haynes, Victoria F.	Chemical Engineering	2012
Ion, Sue E. (United Kingdom)	Power/Energy Systems Engineering	2012
McKnight, Diane M.	Special Fields & Interdisciplinary Engineering	2012
Shoemaker, Christine A.	Civil & Environmental Engineering	2012
Vunjak-Novakovic, Gordana	Bioengineering	2012
Aubry, Nadine	Mechanical Engineering	2011

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Cannon, Elizabeth M. (Canada)	Aerospace Engineering	2011
Dumais, Susan T.	Computer Science & Engineering	2011
Gish, Jacqueline G.	Special Fields & Interdisciplinary Engineering	2011
Griffith, Linda G.	Bioengineering	2011
Koller, Daphne	Computer Science & Engineering	2011
Maguire, Joanne M.	Aerospace Engineering	2011
Rose, Joan B.	Civil & Environmental Engineering	2011
Alvarez-Cohen, Lisa	Civil & Environmental Engineering	2010
Barnhart, Cynthia	Industrial, Manufacturing & Operational Systems Engineering	2010
Bergman, Rebecca M.	Bioengineering	2010
Giger, Maryellen	Bioengineering	2010
Greif, Irene	Computer Science & Engineering	2010
Haas, Laura	Computer Science & Engineering	2010
Anseth, Kristi S.	Bioengineering	2009
Auweter-Kurtz, Monika (Germany)	Aerospace Engineering	2009
Estrin, Deborah L.	Computer Science & Engineering	2009
Parkinson, Claire L.	Special Fields & Interdisciplinary Engineering	2009
Austin, Wanda M.	Aerospace Engineering	2008
Dowling, Ann P. (United Kingdom)	Aerospace Engineering	2008
Dwork, Cynthia	Computer Science & Engineering	2008
Grosz, Barbara J	Computer Science & Engineering	2008
Richards-Kortum, Rebecca R.	Bioengineering	2008
Lee, Ann L.	Bioengineering	2007
Meng, Teresa H.	Computer Science & Engineering	2007
Tardos, Eva	Computer Science & Engineering	2007
Amon, Cristina H.	Mechanical Engineering	2006
Anderson, Mary P.	Earth Resources Engineering	2006
Cheng, Josephine	Industrial, Manufacturing & Operational Systems Engineering	2006
Eggers, Susan J.	Computer Science & Engineering	2006
Frase, Katharine G.	Materials Engineering	2006
Katehi, Linda P.B.	Electronics, Communication & Information Systems Engineering	2006
Yap, Miranda G. *	Bioengineering	2006
Berger, Marsha J.	Computer Science & Engineering	2005
Comte-Bellot, Genevieve M. (France)	Special Fields & Interdisciplinary Engineering	2005



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Goldwasser, Shafrira	Computer Science & Engineering	2005
Hall, Carol K.	Chemical Engineering	2005
Jamieson, Leah H.	Special Fields & Interdisciplinary Engineering	2005
Kedem, Ora (Israel)	Chemical Engineering	2005
Ligler, Frances S.	Bioengineering	2005
Pollock, Tresa M.	Materials Engineering	2005
Widom, Jennifer	Computer Science & Engineering	2005
Dussan V., Elizabeth B.	Mechanical Engineering	2004
Mitchell, Joan L. *	Computer Science & Engineering	2004
Petzold, Linda R.	Computer Science & Engineering	2004
Phillips, Julia M.	Materials Engineering	2004
Stevens, Anne L.	Industrial, Manufacturing & Operational Systems Engineering	2004
Takeuchi, Esther S.	Bioengineering	2004
Abriola, Linda M.	Civil & Environmental Engineering	2003
Ehlig-Economides, Christine A.	Earth Resources Engineering	2003
Irwin, Mary Jane	Computer Science & Engineering	2003
Oran, Elaine S.	Aerospace Engineering	2003
David, Ruth A.	Aerospace Engineering	2002
Dunbar, Bonnie J.	Aerospace Engineering	2002
Hu, Evelyn L.	Electronics, Communication & Information Systems Engineering	2002
Kula, Maria-Regina (Germany)	Bioengineering	2002
Murray, Cherry A.	Electronics, Communication & Information Systems Engineering	2002
Weyuker, Elaine	Computer Science & Engineering	2002
Baranescu, Rodica A.	Mechanical Engineering	2001
Crawford, Natalie W.	Aerospace Engineering	2001
Gast, Alice P.	Chemical Engineering	2001
Jackson, Shirley Ann	Electronics, Communication & Information Systems Engineering	2001
Katsaros, Kristina B.	Special Fields & Interdisciplinary Engineering	2001
Kwolek, Stephanie L. *	Chemical Engineering	2001
Lacasse, Suzanne (Norway)	Civil & Environmental Engineering	2001
Lynch, Nancy A.	Computer Science & Engineering	2001
Arnold, Frances H.	Bioengineering	2000
Etter, Delores M.	Electronics, Communication & Information Systems Engineering	2000

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Leveson, Nancy G.	Computer Science & Engineering	2000
Schwartz, Shirley E. *	Chemical Engineering	2000
Wan, Rong-Yu *	Earth Resources Engineering	2000
Brierley, Corale L.	Earth Resources Engineering	1999
Higgins, Julia S. (United Kingdom)	Materials Engineering	1999
Selinger, Patricia G.	Computer Science & Engineering	1999
Hwang, Jennie S.	Materials Engineering	1998
Wheeler, Mary F.	Earth Resources Engineering	1998
Agogino, Alice M.	Mechanical Engineering	1997
Bajcsy, Ruzena K.	Computer Science & Engineering	1997
LeMone, Margaret A.	Special Fields & Interdisciplinary Engineering	1997
Nichols, Roberta J. *	Mechanical Engineering	1997
Sanford, Linda S.	Industrial, Manufacturing & Operational Systems Engineering	1997
Wright, Margaret H.	Computer Science & Engineering	1997
Borrone, Lillian C.	Civil & Environmental Engineering	1996
Chowdhry, Uma	Materials Engineering	1996
Kalnay, Eugenia	Special Fields & Interdisciplinary Engineering	1996
de Planque, E. Gail *	Electric Power/Energy Systems Engineering	1995
Fitzroy, Nancy D.	Mechanical Engineering	1995
Paté-Cornell, M. Elisabeth	Special Fields & Interdisciplinary Engineering	1995
Reichmanis, Elsa	Materials Engineering	1995
Taylor, Kathleen C.	Materials Engineering	1995
Jones, Anita K.	Computer Science & Engineering	1994
Kuhlmann-Wilsdorf, Doris *	Materials Engineering	1994
Benmark, Leslie A.	Industrial, Manufacturing & Operational Systems Engineering	1993
Graham, Susan L.	Computer Science & Engineering	1993
Nightingale, Deborah J.	Industrial, Manufacturing & Operational Systems Engineering	1993
Peden, Irene C.	Electronics, Communication & Information Systems Engineering	1993
Drake, Elisabeth M.	Chemical Engineering	1992
Levelt Sengers, Johanna M. H.	Chemical Engineering	1992
Marabini, Anna M. (Italy)	Earth Resources Engineering	1992
Savitz, Maxine L.	Industrial, Manufacturing & Operational Systems Engineering	1992
Flanigen, Edith M.	Materials Engineering	1991

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Conway, Lynn A.	Computer Science & Engineering	1989
Garmire, Elsa M.	Electronics, Communication & Information Systems Engineering	1989
Edwards, Helen T. *	Special Fields & Interdisciplinary Engineering	1988
Liskov, Barbara H.	Computer Science & Engineering	1988
Simpson, Joanne *	Special Fields & Interdisciplinary Engineering	1988
Weertman, Julia R.*	Materials Engineering	1988
Allen, Frances E.*	Computer Science & Engineering	1987
Brill, Yvonne C. *	Aerospace Engineering	1987
Good, Mary L.*	Materials Engineering	1987
Roy, Della M.*	Materials Engineering	1987
Widnall, Sheila E.	Aerospace Engineering	1985
Napadensky, Hyla S.*	Special Fields & Interdisciplinary Engineering	1984
Schwan, Judith A. *	Special Fields & Interdisciplinary Engineering	1982
Conwell, Esther M. *	Electronics, Communication & Information Systems Engineering	1980
Fischer, Irene K. *	Special Fields & Interdisciplinary Engineering	1979
Hicks, Beatrice *	Not Specified	1978
Sammet, Jean E. *	Computer Science & Engineering	1977
Davis, Ruth M. *	Computer Science & Engineering	1976
Ancker-Johnson, Betsy*	Special Fields & Interdisciplinary Engineering	1975
Robertson, Leslie E.*	Civil & Environmental Engineering	1975
Dresselhaus, Mildred S. *	Electronics, Communication & Information Systems Engineering	1974
Hopper, Grace M. *	Not Specified	1973
Gilbreth, Lillian M. *	Not Specified	1965

\*Deceased

Note<sup>1</sup>: All members listed are current U.S. members of the Academy unless the country is noted in parentheses. Members from other countries are designated Foreign Members by the Academy.

Note<sup>2</sup>: The NAE did not specify the primary section or discipline of three members (Beatrice Hicks, Grace Hopper; and Lillian Gilbreth).

Source: [National Academy of Engineering Membership Directory](#)