

## 2020 AAAS Fellows approved by the AAAS Council

In October 2020, the Council of the American Association for the Advancement of Science elected 489 members as Fellows of AAAS. These individuals will be recognized for their contributions to science and technology during the 2021 AAAS Annual Meeting. Presented by section affiliation, they are:

### Section on Agriculture, Food, and Renewable Resources

- Ann M. Bartuska**, *Resources for the Future*  
**Carl Bernacchi**, *U.S. Department of Agriculture – Agricultural Research Service*  
**Amy O. Charkowski**, *Colorado State Univ.*  
**Clarice J. Coyne**, *U.S. Department of Agriculture – Agricultural Research Service*  
**Geoffrey E. Dahl**, *Univ. of Florida*  
**Roch E. Gaussoin**, *Univ. of Nebraska-Lincoln*  
**Patrick M. Hayes**, *Oregon State Univ.*  
**Thomas J. (T.J) Higgins**, *CSIRO Agriculture and Food (Australia)*  
**Nancy Collins Johnson**, *Northern Arizona Univ.*  
**Shibu Jose**, *Univ. of Missouri*  
**Daniel Kliebenstein**, *Univ. of California, Davis*  
**Rosemary Loria**, *Univ. of Florida*  
**Shailaja K. Mani**, *Baylor College of Medicine*  
**Rafael Muñoz-Carpena**, *Univ. of Florida*  
**David D. Myrold**, *Oregon State Univ.*  
**K. Raja Reddy**, *Mississippi State Univ.*  
**Jean Ristaino**, *North Carolina State Univ.*  
**Jeanne Romero-Severson**, *Univ. of Notre Dame*  
**Pablo Juan Ross**, *Univ. of California, Davis*  
**Jennifer L. Tank**, *Univ. of Notre Dame*  
**William F. Tracy**, *Univ. of Wisconsin-Madison*

### Section on Anthropology

- Margaret W. Conkey**,  
*Univ. of California, Berkeley*  
**Anne Grauer**, *Loyola Univ. Chicago*  
**Debbie Guatelli-Steinberg**, *The Ohio State Univ.*  
**Edward B. Liebow**,  
*American Anthropological Association*  
**J. Terrence McCabe**, *Univ. of Colorado Boulder*  
**Denise Fay-Shen Su**, *Cleveland Museum of Natural History*

### Section on Astronomy

- Nancy Susan Brickhouse**, *Harvard-Smithsonian Center for Astrophysics*  
**John E. Carlstrom**, *Univ. of Chicago*  
**Sean Carroll**, *California Institute of Technology*  
**Timothy Heckman**, *Johns Hopkins Univ.*  
**Paul Martini**, *The Ohio State Univ.*

**Norman Murray**, *Canadian Institute for Theoretical Astrophysics*

- Joan R. Najita**, *National Science Foundation's NOIRLab*  
**Liese van Zee**, *Indiana Univ.*  
**Risa Wechsler**, *Stanford Univ.*  
**Ellen G. Zweibel**, *Univ. of Wisconsin-Madison*

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- Ghassem R. Asrar**, *Universities Space Research Association*  
**Elizabeth Boyer**, *Pennsylvania State*  
**Deborah Bronk**, *Bigelow Laboratory for Ocean Sciences*  
**Rong Fu**, *Univ. of California, Los Angeles*  
**Isaac Held**, *Princeton Univ. Atmospheric and Oceanic Sciences Program*  
**Forrest M. Hoffman**, *Oak Ridge National Laboratory*  
**William K. M. Lau**, *Univ. of Maryland*  
**Zhengyu Liu**, *The Ohio State Univ.*  
**Natalie Mahowald**, *Cornell Univ.*  
**Sally McFarlane**, *U.S. Department of Energy*  
**Jerry Schubel**, *Aquarium of the Pacific (Retired)*  
**Patricia L. Wiberg**, *Univ. of Virginia*

### Section on Biological Sciences

- Mary Catherine Aime**, *Purdue Univ.*  
**Suresh K. Alahari**, *Louisiana State Univ. Health Sciences Center School of Medicine*  
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**Craig Reece Allen**, *Univ. of Nebraska-Lincoln*  
**Sonia M. Altizer**, *Univ. of Georgia*  
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**Lisa Brooks**, *National Human Genome Research Institute*  
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**George A. Calin**, *The Univ. of Texas MD Anderson Cancer Center*  
**Andrew G. Campbell**, *Brown Univ.*  
**Alice Y. Cheung**, *Univ. of Massachusetts Amherst*  
**Anita S. Chong**, *Univ. of Chicago*

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**Charles F. Delwiche**, *Univ. of Maryland, College Park*

**Diana M. Downs**, *Univ. of Georgia*

**Jeffrey Dukes**, *Purdue Univ.*

**Peter Dunn**, *Univ. of Wisconsin-Milwaukee*

**Jonathan Eisen**, *Univ. of California, Davis*

**Eva Engvall**, *Sanford Burnham Prebys Medical Discovery Institute*

**Valerie Eviner**, *Univ. of California, Davis*

**Philip Martin Fearnside**, *INPA - National Institute of Amazonian Research (Brazil)*

**Gloria Cruz Ferreira**, *Univ. of South Florida*

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**John W. Fitzpatrick**, *Cornell Univ.*

**Christopher Francklyn**, *Univ. of Vermont*

**Serita Frey**, *Univ. of New Hampshire*

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**Janet K. Jansson**, *Pacific Northwest National Laboratory*

**Susan Kaech**, *Salk Institute for Biological Studies*

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**Rodney L. Levine**, *National Heart, Lung, and Blood Institute/NIH*

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**Matthew Meyerson**, Dana-Farber Cancer Institute/Harvard Medical School  
**Constance Millar**, U.S. Forest Service  
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**Beronda L. Montgomery**, Michigan State Univ.  
**Tuli Mukhopadhyay**, Indiana Univ.  
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**Isidore Rigoutsos**, Thomas Jefferson Univ.  
**Charles Rock**, St. Jude Children's Research Hospital  
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**Jeffrey Ross-Ibarra**, Univ. of California, Davis  
**James A. Roth**, Iowa State Univ.  
**Daniel Schaid**, Mayo Clinic  
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**Alan Shuldiner**, Univ. of Maryland School of Medicine  
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**Chuanbing Tang**, Univ. of South Carolina  
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**Frank C. Nichols**, Univ. of Connecticut School of Dental Medicine  
**Stefan Hans-Klaus Ruhl**, Univ. at Buffalo, the State Univ. of New York

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**Stephen Young**, TriCore Reference Laboratories  
**Hinda Zlotnik**, Retired

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**Michael L. Chabiny**, Univ. of California, Santa Barbara  
**Manish Chhowalla**, Univ. of Cambridge (U.K.)  
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**Kristen P. Constant**, Iowa State Univ.  
**Susan Daniel**, Cornell Univ.  
**Angela Phillips Diaz**, Univ. of California, San Diego  
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**Peter S. Fedkiw**, North Carolina State Univ.  
**Eric M. Furst**, Univ. of Delaware  
**Sharon Gerecht**, Johns Hopkins Univ.  
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**John L. Volakis**, Florida International Univ.

**Qing Wang**, Pennsylvania State Univ.  
**Lan Yang**, Washington Univ. in St. Louis

### Section on General Interest in Science and Engineering

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**Tinsley Davis**, National Association of Science Writers  
**Linda D. Harrar**, WGBH Educational Foundation  
**James H. Lambert**, Univ. of Virginia  
**Andrew D. Maynard**, Arizona State Univ.  
**Jeremy B. Searle**, Cornell Univ.  
**Ronald M. Thom**, Pacific Northwest National Laboratory (Emeritus)  
**Cliff Wang**, U.S. Army Research Office/North Carolina State Univ.  
**Nan Yao**, Princeton Univ.

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**Andrea Donnellan**, NASA Jet Propulsion Laboratory  
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**George Helz**, Univ. of Maryland, College Park  
**Tessa M. Hill**, Univ. of California, Davis  
**David A. Hodell**, Univ. of Cambridge (U.K.)  
**(Max) Qinrong Hu**, The Univ. of Texas at Arlington  
**Hitoshi Kawakatsu**, The Univ. of Tokyo (Japan)  
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**David Sandwell**, Scripps Institution of Oceanography  
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**Daniela Rus**, Massachusetts Institute of Technology  
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**David Touretzky**, Carnegie Mellon Univ.  
**Jeffrey S. Vetter**, Oak Ridge National Laboratory  
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**Karen Hunger Parshall**, Univ. of Virginia  
**Małgorzata Peszynska**, Oregon State Univ.  
**Jack Xin**, Univ. of California, Irvine

## Section on Medical Sciences

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**Yasmine Belkaid**, National Institute of Allergy and Infectious Diseases/NIH  
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**Shi-Yuan Cheng**, Northwestern Univ. Feinberg School of Medicine  
**Ronald W. Davis**, Stanford Univ.  
**Catherine Drennan**, Massachusetts Institute of Technology  
**Dongsheng Duan**, Univ. of Missouri  
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**Hudson Freeze**, Sanford Burnham Prebys Medical Discovery Institute  
**Marcia B. Goldberg**, Massachusetts General Hospital/Harvard T. H. Chan School of Public Health  
**David H. Gutmann**, Washington Univ. School of Medicine in St. Louis  
**Thomas H. Haines**, City College of New York (Retired)  
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**Jeffrey P. Krischer**, Univ. of South Florida  
**Thomas E. Lane**, Univ. of California, Irvine  
**W. Jonathan Lederer**, Univ. of Maryland School of Medicine  
**Bruce T. Liang**, Univ. of Connecticut School of Medicine  
**Jeffrey D. Lifson**, Frederick National Laboratory for Cancer Research  
**Faina Linkov**, Duquesne Univ.  
**Shan-Lu Liu**, The Ohio State Univ.  
**Karl L. Magleby**, Univ. of Miami, School of Medicine  
**Sendurai Mani**, The Univ. of Texas MD Anderson Cancer Center

**Douglas L. Mann**, Washington Univ. School of Medicine in St. Louis

**Rodger P. McEver**, Oklahoma Medical Research Foundation  
**Ross Erwin McKinney Jr.**, Association of American Medical Colleges  
**Hiroyoshi Nishikawa**, National Cancer Center/Nagoya Univ. (Japan)  
**Richard M. Peek**, Vanderbilt Univ. Medical Center  
**Sallie R. Permar**, Duke Univ.  
**W. Kimryn Rathmell**, Vanderbilt Univ. Medical Center  
**D. Nageswar Reddy**, Asian Institute of Gastroenterology (India)  
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**Alan Saghatelian**, Salk Institute for Biological Studies  
**Suzanne Scarlata**, Worcester Polytechnic Institute  
**Brian Leslie Strom**, Rutgers, The State Univ. of New Jersey  
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**Eberhard Erich Fetz**, Univ. of Washington  
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**Debmoy (Deb) K. Lahiri**, Indiana Univ.  
**Stephen G. Lisberger**, Duke Univ.  
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**Nirao M. Shah**, Stanford Univ.  
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**Paul Taghert**, Washington Univ. School of Medicine in St. Louis  
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**Julie A. Johnson**, Univ. of Florida  
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**M. N. V. Ravi Kumar**, Texas A&M Univ.  
**Susan L. Mooberry**, Univ. of Texas Health Science Center at San Antonio  
**Walter H. Moos**, Univ. of California, San Francisco  
**Raymond Felix Schinazi**, Emory Univ. School of Medicine  
**Thomas D. Schmittgen**, Univ. of Florida

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**Jesse Brewer**, Univ. of British Columbia (Canada)  
**Bulbul Chakraborty**, Brandeis Univ.  
**Andre De Gouvea**, Northwestern Univ.  
**Peter Fisher**, Massachusetts Institute of Technology  
**Chris L. Fryer**, Los Alamos National Laboratory  
**Alexandra Gade**, Michigan State Univ.  
**Graciela Gelmini**, Univ. of California, Los Angeles  
**Neil Gershenfeld**, Massachusetts Institute of Technology  
**Tony Gherghetta**, Univ. of Minnesota  
**Marcelo Jaime**, Los Alamos National Laboratory  
**Spencer R. Klein**, Lawrence Berkeley National Laboratory/Univ. of California, Berkeley  
**Yuri V. Kovchegov**, The Ohio State Univ.  
**Ying-Cheng Lai**, Arizona State Univ.  
**Konrad W. Lehnert**, National Institute of Standards and Technology/Univ. of Colorado Boulder  
**Manfred Lindner**, Max Planck Institute for Nuclear Physics (Germany)  
**Eric Mazur**, Harvard Univ.  
**Michael A. McGuire**, Oak Ridge National Laboratory  
**Roberto Morandotti**, INRS - National Institute of Scientific Research (Canada)  
**Jason Petta**, Princeton Univ.  
**Thomas Proffen**, Oak Ridge National Laboratory  
**Laura J. Pyrak-Nolte**, Purdue Univ.  
**Talat Shahnaz Rahman**, Univ. of Central Florida  
**Susan Seestrom**, Sandia National Laboratories  
**Jonathan V. Selinger**, Kent State Univ.  
**Arthur John Stewart Smith**, Princeton Univ.  
**Christopher Stubbs**, Harvard Univ.

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