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# News



## News Archives

### AAAS Council Honors 308 Members for Their Contributions to Science

In September, the AAAS Council elected 308 members as Fellows of AAAS. These individuals will be recognized for their contributions to science at the Fellows Forum to be held on 19 February 2005 during the AAAS Annual Meeting in Washington, D.C. The new Fellows will receive a certificate and a blue and gold rosette pin as a symbol of their distinguished accomplishments. Presented by section affiliation, they are:

#### Agriculture, Food, and Renewable Resources

James C. Carrington, Oregon State Univ. • Jorge Dubcovsky, Univ. of California, Davis • Kenneth E. Hammel, U.S. Forest Products Lab., Madison, WI • Pamela G. Marrone, AgraQuest, Davis, CA • Susan R. McCouch, Cornell Univ. • Albert G. Medvitz, Rio Vista, CA • James D. Murray, Univ. of California, Davis • Marion Nestle, New York Univ. • Ralph L. Obendorf, Cornell Univ. • Charles W. Rice, Kansas State Univ. • Ismail Serageldin, Library of Alexandria, Egypt • Catherine E. Woteki, Iowa State Univ. • David A. Zuberer, Texas A&M Univ., College Station

#### Anthropology

C. Owen Lovejoy, Kent State Univ. • Robert D. Martin, Field Museum, Chicago • Jane E. Phillips-Conroy, Washington Univ. • Richard Potts, National Museum of Natural History • Ian Tattersall, American Museum of Natural History • Bernard A. Wood, George Washington Univ. • Patricia Chapple Wright, State Univ. of New York, Stony Brook

#### Astronomy

Timothy Ferris, Univ. of California, Berkeley • Stamatios M. Krimigis, Johns Hopkins Univ. Applied Physics Lab. • Carey Michael Lisse, Univ. of Maryland, College Park • Richard McCray, Univ. of Colorado, Boulder • C. Matt Mountain, Gemini Observa-tory, Hilo, HI Atmospheric and Hydrospheric Sciences Paul J. Crutzen, Max-Planck-Institute for Chemistry, Mainz, Germany • A. Russell Flegal, Univ. of California, Santa Cruz • Michael J. Prather, Univ. of California, Irvine • Eugene M. Rasmusson, Univ. of Maryland, College Park • Jorge L. Sarmiento, Princeton Univ. • Gerald M. Stokes, Joint Global Change Research Institute, College Park, MD • Norbert Untersteiner, Univ. of Washington • Carl Wunsch, Massachusetts Institute of Technology

#### Biological Sciences

Sankar L. Adhya, National Cancer Institute • Bonnie L. Bassler, Princeton Univ. • Philip N. Benfey, Duke Univ. • Joy M. Bergelson, Univ. of Chicago • Robert E. Blankenship, Arizona State Univ. • Elizabeth L. Brainerd, Univ. of Massachusetts, Amherst • Ronald R. Breaker, Yale Univ. • David Ray Burgess, Boston College • JoAnn M. Burkholder, North Carolina State Univ. • Tzen-Yuh Chiang, Cheng-Kung Univ., Tainan, Taiwan • George W. Cox, Biosphere and Biosurvival, Santa Fe, NM • Jeffery L. Dangl, Univ. of North Carolina, Chapel Hill • Richard H. Ebright,

Rutgers Univ. • Elliot L. Elson, Washington Univ. • Susan L. Forsburg, Univ. of Southern California • Claire M. Fraser, Institute for Genomic Research, Rockville, MD • Gayle J. Fritz, Washington Univ. • Candace E. Galen, Univ. of Missouri, Columbia • Barry Ganetzky, Univ. of Wisconsin, Madison • Patricia A. Gowaty, Univ. of Georgia • Yusof Awni Hannun, Medical Univ. of South Carolina • Joseph Heitman, Duke Univ. • Charles Russell Hille, Ohio State Univ., Columbus • Tuan-Hua David Ho, Academia Sinica, Taipei, Taiwan • Erin Irish, Univ. of Iowa • Steven E. Jacobsen, Univ. of California, Los Angeles • Robert L. Jeanne, Univ. of Wisconsin, Madison • Elizabeth A. Kellogg, Univ. of Missouri, St. Louis • Linda M. Kohn, Univ. of Toronto • Robert Landick, Univ. of Wisconsin, Madison • Harris A. Lewin, Univ. of Illinois, Urbana • Emmanuel Liscum, III, Univ. of Missouri, Columbia • Curtis M. Lively, Indiana Univ., Bloomington • Timothy M. Lohman, Washington Univ. • William John Lucas, Univ. of California, Davis • Paul M. Macdonald, Univ. of Texas, Austin • Gregory B. Martin, Cornell Univ. • Joel W. Martin, Natural History Museum of Los Angeles County • Lawrence E. Mathes, Ohio State Univ., Columbus • Richard L. Mayden, St. Louis Univ. • John F. McDonald, Univ. of Georgia • Lina Marie Obeid, Medical Univ. of South Carolina • Michael C. Ostrowski, Ohio State Univ., Columbus • Massimo Pigliucci, State Univ. of New York, Stony Brook • Peter H. Quail, Univ. of California, Berkeley • David C. Queller, Rice Univ. • Hershel Raff, Medical College of Wisconsin • Marjorie L. Reaka-Kudla, Univ. of Maryland, College Park • Benjavan Rerkasem, Chiang Mai Univ., Thailand • Eric J. Richards, Washington Univ. • Amy Rossman, U.S. Dept. of Agriculture, Beltsville, MD • Steven L. Salzberg, Institute for Genomic Research, Rockville, MD • Daniel R. Schoenberg, Ohio State Univ., Columbus • David W. Severson, Univ. of Notre Dame • Thomas J. Silhavy, Princeton Univ. • Christopher Roland Somerville, Carnegie Institution of Washington, Stanford, CA • Victoria L. Sork, Univ. of California, Los Angeles • Roger M. Spanswick, Cornell Univ. • Steven Spiker, North Carolina State Univ. • David B. Stern, Cornell Univ. • Joan E. Strassmann, Rice Univ. • C. Richard Tracy, Univ. of Nevada, Reno • John T. Trumble, Univ. of California, Riverside • John Charles Walker, Univ. of Missouri, Columbia • Linda L. Walling, Univ. of California, Riverside • Altaf A. Wani, Ohio State Univ., Columbus • Caroline C. Whitacre, Ohio State Univ., Columbus • Kenneth H. Wolfe, Univ. of Dublin • Chung-I Wu, Univ. of Chicago • Grace Wyngaard, James Madison Univ. • Shozo Yokoyama, Emory Univ. • Jian-Kang Zhu, Univ. of California, Riverside

### **Chemistry**

Vartkess Ara Apkarian, Univ. of California, Irvine • Jeffrey Aubé, Univ. of Kansas, Lawrence • Robert Bittman, Queens College, CUNY • Weston Thatcher Borden, Univ. of Washington • Ajay K. Bose, Stevens Institute of Technology • Cynthia J. Burrows, Univ. of Utah • Walter J. Chazin, Vanderbilt Univ. • Barry S. Cooperman, Univ. of Pennsylvania • James K. Coward, Univ. of Michigan, Ann Arbor • Michael A. Duncan, Univ. of Georgia • Cecil R. Dybowski, Univ. of Delaware • Andrew G. Ewing, Pennsylvania State Univ., University Park • Anthony L. Fink, Univ. of California, Santa Cruz • Bruce C. Garrett, Pacific Northwest National Lab. • Rainer E. Glaser, Univ. of Missouri, Columbia • Robert J. Hamers, Univ. of Wisconsin, Madison • Andrew D. Hamilton, Yale Univ. • Joel M. Harris, Univ. of Utah • Rigoberto Hernandez, Georgia Institute of Technology • Nancy B. Jackson, Sandia National Labs. • William M. Jackson, Univ. of California, Davis • Arthur E. Johnson, Texas A&M Univ., College Station • Anne Myers Kelley, Univ. of California, Merced • Bruce E. Koel, Univ. of Southern California • Nenad M. Kostic, Iowa State Univ. • Gregory J. Kubas, Los Alamos National Lab. • Branka M. Ladanyi, Colorado State Univ. • David S. Lawrence, Albert Einstein College of Medicine • Richard A. Lerner, Scripps Research Institute • Stephen F. Martin, Univ. of Texas, Austin • Henry I. Mosberg, Univ. of Michigan, Ann Arbor • Gilbert M. Nathanson, Univ. of Wisconsin, Madison • James E. Penner-Hahn, Univ. of Michigan, Ann Arbor • Virgil Percec, Univ. of Pennsylvania • Gregory A. Petsko, Brandeis Univ. • Douglas J. Raber, GreenPoint Science, Washington, DC • J. W. Rogers Jr., Pacific Northwest National Lab. • Eric A. Rohlfing, U.S. Dept. of Energy, Washington, DC • Gary B. Schuster, Georgia Institute of Technology • Phillip D. Szuromi, AAAS • Veronica Vaida, Univ. of Colorado, Boulder • Warren S. Warren, Princeton Univ. • David R. Williams, Indiana Univ., Bloomington • Robert A. Wind, Pacific Northwest National Lab. • Curt Wittig, Univ. of Southern California • Chi-Huey Wong, Scripps Research Institute

### **Dentistry and Oral Health Sciences**

Adele L. Boskey, Hospital for Special Surgery, NYC • Robert A. Burne, Univ. of Florida

### **Education**

Sandra K. Abell, Univ. of Missouri, Columbia • Dale R. Baker, Arizona State Univ. • Bonnie J. Brunkhorst, California State Univ., San Bernardino • George E. DeBoer, AAAS • Paul B. Kelter, Univ. of Illinois, Urbana • Gregory P. Stefanich, Univ. of Northern Iowa • Virginia W. Stern, AAAS

### **Engineering**

Harvey W. Blanch, Univ. of California, Berkeley • Jonathan S. Dordick, Rensselaer Polytechnic Institute • Christos Georgakis, Tufts Univ. • George Georgiou, Univ. of Texas, Austin • Amit Goyal, Oak Ridge National Lab. • Elias P. Gyftopoulos, Massachusetts Institute of Technology • Eugene E. Haller, Univ. of California, Berkeley • Peter J. Hesketh, Georgia Institute of Technology • Ravi K. Jain, Univ. of the Pacific • Jeffrey C. Kantor, Univ. of Notre Dame • Pradeep K. Khosla, Carnegie Mellon Univ. • James Underwood Lemke, San Diego, CA • Bora B. Mikic, Massachusetts Institute of Technology • S. Noor Mohammad, Howard Univ. • Duncan T. Moore, Univ. of Rochester

### **General Interest in Science and Engineering**

Robert M. Cushman, Oak Ridge, TN • Donna Joyce Dean, National Academy of Engineering • Daniel A. Guthrie, Claremont McKenna, Scripps, and Pitzer Colleges, Claremont, CA • Robert Lee Hotz, Los Angeles Times, New York Bureau • Madeleine Jacobs, American Chemical Society

### **Geology and Geography**

Asish R. Basu, Univ. of Rochester • Kevin Burke, Univ. of Houston • Rodney C. Ewing, Univ. of Michigan, Ann Arbor • Jonathan Fink, Arizona State Univ. • Daniel C. Fisher, Univ. of Michigan, Ann Arbor • Paul Jeffrey Fox, Texas A&M Univ., College Station • Patricia H. Kelley, Univ. of North Carolina, Wilmington • Akhio Miyashiro, Albany, NY • Paul Reitan, State Univ. of New York, Buffalo • Nicholas J. Shackleton, Godwin Institute for Quaternary Research, Cambridge, UK • Tjeerd H. van Andel, Univ. of Cambridge, UK • Michael O. Woodburne, Flagstaff, AZ

### **History and Philosophy of Science**

Brian Skyrms, Univ. of California, Irvine • Jeffrey L. Sturchio, Merck & Co., Inc., Whitehouse Station, NJ

### **Industrial Science and Technology**

W. Henry Lambright, Syracuse Univ. • Oliver C. Mullins, Schlumberger-Doll Research, Ridgefield, CT • Lura J. Powell, Advanced Imaging Technologies, Richland, WA

### **Information, Computing, and Communication**

Carl K. Chang, Iowa State Univ. • Richard A. DeMillo, Georgia Institute of Technology • Bernardo Huberman, Hewlett Packard Labs., Palo Alto, CA • Yi-Bing Lin, National Chiao Tung Univ., Hsinchu, Taiwan • Panos M. Pardalos, Univ. of Florida • Peter Pirulli, Palo Alto Research Center • Andries van Dam, Brown Univ. • Benjamin W. Wah, Univ. of Illinois, Urbana

### **Linguistics and Language Science**

David W. Lightfoot, Georgetown Univ. • Mabel L. Rice, Univ. of Kansas, Lawrence

### **Mathematics**

John H. Ewing, American Mathematical Society • Carl Pomerance, Dartmouth College • De Witt L. Sumners, Florida State Univ.

### **Medical Sciences**

Christie M. Ballantyne, Baylor College of Medicine • Enriqueta C. Bond, Burroughs Wellcome Fund, Research Triangle Park, NC • Stephen B. Calderwood, Massachusetts General Hospital, Boston • Wing-Chung Chan, Univ. of Nebraska, Omaha • Robert J. Desnick, Mount Sinai School of Medicine, NYC • Raymond N. DuBois Jr., Vanderbilt Univ. • Roselyn J. Eisenberg, Univ. of Pennsylvania • David Eric Elder, Hospital of the Univ. of Pennsylvania • David Y. Graham, VA Medical Center, Houston, TX • Warner Craig Greene, Univ. of California, San Francisco • Charles H. Halsted, Univ. of California, Davis • J. Marie Hardwick, Johns Hopkins Univ. • William H. Hartmann, Tampa, FL • Ravi V. Iyengar, Mount Sinai School of Medicine, NYC • James Larry Jameson, Northwestern Univ. • Barbara R. Jasny, AAAS • Philip R. Johnson, Columbus

Children's Research Institute, Columbus, OH • Bruce C. Kone, Univ. of Texas, Houston • Michael E. Lamm, Case Western Reserve Univ. • Wayne I. Lencer, Children's Hospital, Boston • Mary Fisher Lipscomb, Univ. of New Mexico • Yang Liu, Ohio State Univ., Columbus • Stephen D. Miller, Northwestern Univ. • Frank G. Moody, Univ. of Texas, Houston • Neal Nathanson, Univ. of Pennsylvania • Electra Diane Paskett, Ohio State Univ., Columbus • Charles M. Rice, Rockefeller Univ. • Bernard Roizman, Univ. of Chicago • Raymond P. Roos, Univ. of Chicago • Thomas J. Rosol, Ohio State Univ., Columbus • Ruth M. Ruprecht, Harvard Medical School • Alfred P. Sanfilippo, Ohio State Univ., Columbus • Mario Stevenson, Univ. of Massachusetts Medical Center, Worcester • Herbert W. Virgin, Washington Univ. • Bruce D. Walker, Harvard Medical School • Joel V. Weinstock, Univ. of Iowa

### **Neuroscience**

Constance W. Atwell, National Institute of Neurological Disorders and Stroke • Tamas Bartfai, Scripps Research Institute • Gyorgy Buzsaki, Rutgers Univ. • Joseph T. Coyle, Harvard Medical School • Bernice Grafstein, Weill Medical College, Cornell Univ. • Paul Greengard, Rockefeller Univ. • Richard L. Huganir, Johns Hopkins Univ. • Miguel A. L. Nicolelis, Duke Univ. • Howard Schulman, SurroMed, Inc., Menlo Park, CA • Morgan Sheng, Massachusetts Institute of Technology • James G. Townsel, Meharry Medical College

### **Pharmaceutical Sciences**

Donald R. Bennett, Downers Grove, IL • Ching-Shih Chen, Ohio State Univ., Columbus • Bruce J. Dolnick, Roswell Park Cancer Institute, Buffalo • Kenneth L. Dretchen, Georgetown Univ. • Joe D. Graedon, Graedon Enterprises, Inc., Durham, NC

### **Physics**

Michael J. Aziz, Harvard Univ. • Ravindra N. Bhatt, Princeton Univ. • S. R. J. Brueck, Univ. of New Mexico • Donald L. Cook, Sandia National Labs. • Leonard C. Feldman, Vanderbilt Univ. • Joshua Frieman, Univ. of Chicago • James G. Fujimoto, Massachusetts Institute of Technology • Katharine Blodgett Gebbie, National Institute of Standards and Technology • Dennis G. Hall, Vanderbilt Univ. • Ralph B. James, Brookhaven National Lab. • Gabrielle G. Long, Argonne National Lab. • Luz J. Martinez-Miranda, Univ. of Maryland, College Park • Robert L. McCrory, Univ. of Rochester • Dale M. Meade, Princeton Univ. • Pierre Meystre, Univ. of Arizona • Stephen J. Pennycook, Oak Ridge National Lab. • Herschel A. Rabitz, Princeton Univ. • Thomas F. Rosenbaum, Univ. of Chicago • Ned Robert Sauthoff, Princeton Univ. • Gerald Jay Sussman, Massachusetts Institute of Technology • Joe D. Thompson, Los Alamos National Lab. • John H. Weaver, Univ. of Illinois, Urbana • Edward L. Wright, Univ. of California, Los Angeles

### **Psychology**

Barbara L. Andersen, Ohio State Univ., Columbus • Thomas J. Coates, Univ. of California, Los Angeles • Mark Allen Geyer, Univ. of California, San Diego • Janet Shibley Hyde, Univ. of Wisconsin, Madison • J. A. Scott Kelso, Florida Atlantic Univ. • Jay S. Rosenblatt, Rutgers Univ. • Jenny Saffran, Univ. of Wisconsin, Madison

### **Social, Economic, and Political Sciences**

Peter J. Burke, Univ. of California, Riverside • Jonathan R. Cole, Columbia Univ. • Scott Coltrane, Univ. of California, Riverside • Gary King, Harvard Univ. • Ronald D. Lee, Univ. of California, Berkeley • Karl Ulrich Mayer, Yale Univ. • Joseph J. Molnar, Auburn Univ.

### **Societal Impacts of Science and Engineering**

Catherine Jay Didion, The Didion Group, Washington, DC • C. K. Gunsalus, Univ. of Illinois, Urbana • Wil Lepkowski, Reston, VA • Claire Nader, Washington, DC • Howard Ris, Union of Concerned Scientists, Cambridge, MA

### **Statistics**

Ibrahim A. Ahmad, Univ. of Central Florida • L. Mark Berliner, Ohio State Univ., Columbus • James E. Gentle, George Mason Univ. • Clark Glymour, Carnegie Mellon Univ.

1 November 2004



[TOP OF PAGE](#) ▲

[HOME](#) ◀

[PRESS](#)

[POLICY](#)

[EDUCATORS](#)

[STUDENTS](#)

[KIDS/PARENTS](#)

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