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# Geochemical Fellows

The Geochemical Society and European Association of Geochemistry are pleased to announce the 2017 Geochemical Fellows:



[Thomas Bianchi](#), University of Florida (USA), for contributions to our knowledge of carbon cycling in estuarine and nearshore regions, carbon delivery by large rivers, the effects of hypoxia and anoxia on the biogeochemistry of estuaries, food web dynamics in estuarine systems, and the impacts of climate change and sea level rise on coastal carbon cycling.



[Catherine Chauvel](#), CNRS, University of Grenoble (France), for contributions to our understanding of mantle geochemistry and evolution by isotope studies of oceanic basalts and linking subducted sediments to arc magmas.



[James Davis](#), Lawrence Berkeley National Laboratory (USA), for his elucidation of how fundamental geochemical processes, particularly those related to uranium sorption and migration, play out in natural systems from the molecular to field scale.



[Scott E. Fendorf](#), Stanford University (USA), for contributions in understanding the speciation, transport and biogeochemical transformation of metal contaminants in soil and water environments.



[Steven L. Goldstein](#), Lamont-Doherty Earth Observatory, Columbia University (USA), for contributions using radiogenic isotopes to study the long-term evolution of Earth's mantle and crust, as well as ocean circulation during glacial and interglacial periods.



[Kai-Uwe Hinrichs](#), University of Bremen (Germany), for his work on the interactions between microbial life and the carbon cycle on a range of spatial, temporal and molecular scales.

[Kimitaka Kawamura](#), Chubu University (Japan), for his many innovative and pioneering contributions in understanding the origins, distributions, exchanges, and fates of organic compounds in lakes, oceans, and the troposphere.



[Kurt O. Konhauser](#), University of Alberta (Canada), for pioneering research and community leadership that helped define the fields of modern geobiology and geomicrobiology.



[Peter H. Santschi](#), Texas A&M University at Galveston (USA), for contributions in environmental geochemistry to better understand the role of colloids in aquatic systems for the self-cleansing capacity of aquatic systems, especially exopolymeric and humic substances, and the binding of these substances to trace substances such as radionuclides, trace metals, and trace organics.



[Bo Thamdrup](#), University of Southern Denmark, for making outstanding contributions to the field of aquatic biogeochemistry, advancing significantly our understanding of the nature and dynamics of the microbial cycling of elements in sediments and in the water column.



[Jon Woodhead](#), University of Melbourne (Australia), for making telling contributions across a wide range of isotope geochemistry, from tracing crustal recycling to the mantle to dating of hominid development, with ever an assiduous eye on data quality.



[Yong-Fei Zheng](#), University of Science and Technology of China, for application of stable isotopic characteristics of rocks, minerals, and fluids to illustrate metamorphic and magmatic processes during subduction of continental lithologies, and their exhumation in a collision orogen belt, such as the Dabie-Sulu ultrahigh-pressure metamorphic belt of central eastern China.



The 2017 Geochemical Fellows will receive their honor at the [2017 Goldschmidt Conference](#) in Paris, France.

## About the Geochemical Fellows

In 1996, The Geochemical Society and The European Association of Geochemistry established the honorary title of Geochemistry Fellow, to be bestowed upon outstanding scientists who have, over some years, made a major contribution to the field of geochemistry. Existing and new Urey, Goldschmidt and Treibs Medal winners become Fellows automatically.

Go to [Make a Nomination](#) for nomination and eligibility requirements.

## Fellows by Year

Year	Fellows
2017	Thomas Bianchi, Catherine Chauvel, James Davis, Scott E. Fendorf, Steven L. Goldstein, Kai-Uwe Hinrichs <sup>P</sup> , Kimitaka Kawamura, Kurt O. Konhauser, Peter H. Santschi, Bo Thamdrup <sup>SI</sup> , Jon Woodhead, Yong-Fei Zheng
2016	Yemane Asmeron, Jon Blundys <sup>I</sup> , Bernard Bourdon, Elizabeth Canuel, Sun-Lin Chung, Carol Frost, Patrick Hatchert <sup>T</sup> , Jochen Hoefs, Cong-Qiang Liu, Isabel Patricia Montañez, Jay Quade, Friedhelm von Blanckenburg, Edward Young
2015	Ariel Anbar, Hai Cheng, Gert de Lange, Timothy Elliott, Monica M. Grady, Erik Hauri, Karen H. Johannesson <sup>P</sup> , Timothy W. Lyons, Kathryn L. Nagy, Eiji Ohtani, Holly Stein, Philippe Van Cappellen <sup>SI</sup>
2014	Yuri Amelin, Robert Anderson <sup>P</sup> , Richard Arculus, Kenneth Bruland <sup>P</sup> , R. Lawrence Edwards <sup>P</sup> , William F. Fitzgerald <sup>P</sup> , Shan Gao, Robert Hazen, Kei Hirose <sup>SI</sup> , Marc Hirschmann, Rebecca Lange, Stephen R. Larter <sup>T</sup> , George W. Luther III <sup>P</sup> , Bernard Marty, Hiroko Nagahara, Martin Palmer, Adina Paytan, Christopher Reddy <sup>P</sup> , Stefan Schouten <sup>P</sup> , Daniel Sigman <sup>SI</sup> , Jeffrey P. Severinghaus <sup>P</sup> , William Sunda <sup>P</sup>

- 2013 Vickie C. Bennett, Jérôme Chappellaz, John M. Eiler, Kenneth A. Farley, Yingwei Fei, Guillaume Fiquet, Kliti Grice, Peter B. Kelemen, Richard D. Pancost, Frank M. Richter, Hisayoshi Yurimoto
- 2012 Susan Brantley, James Farquhar, Andrew Gleadow, Timothy Grove, Bjørn Jamtveit, Hans Keppler, Lee Kump, Mark Kurz, Kevin McKeegan, Andrew Putnis
- 2011 Samuel Bowring, Zhenhao Duan, Steven Emerson, Katherine Freeman, J. Michael Moldowant, Terry Plank, David Rubie, Susan L. Svane Stipp, Dimitri Sverjensky, John W. Valley, and Dominique Weis
- 2010 Janne Blichert-Toft, Joel D. Blum, Daniele J. Cherniak, Patricia M. Dove, William F. McDonough, Scott M. McLennan, Rob Raiswell, F.J. Ryerson, William E. Seyfried, Jr., Steven B. Shirey, John Volkman
- 2009 Georges Calas, Sumit Chakraborty, C. Page Chamberlain, Rod Ewing, Klaus Mezger, Kenneth E. Peterst, Sam Savin, Everett Shock, Jonathan Stebbins, Richard J. Walker
- 2008 Donald L. Sparks, Roberta L. Rudnick, William L. Griffin, Bjorn O. Mysen, James F. Kasting, Malcolm McCulloch, Martin Schoell, Karen L. Von Damm
- 2007 Jill Banfield, Don Canfield, Marc Chaussidon, Jitendra Nath Goswami, T. Mark Harrison, Frank C. Hawthorne, Michael F. Hochella, Jr., Boaz Luz, Catherine McCammon, Judith A. McKenzie, Walter Michaelist, Hugh O'Neill, Robert O. Pepin, Mark Thiemens, David Vaughan, Arthur F. White
- 2006 William Casey, Bor-ming Jahn, Brian Popp, Jacques Schott, Bernd R.T. Simoneit, Susan Solomong
- 2005 Nicholas T. Arndt, Stein B. Jacobsen, Jaap S. Sinninghe Damstet, Stuart G. Wakeham, Lynn M. Walter
- 2004 Cindy Lee, Stephen A. Macko, Bhamidipati L.K. Somayajulu
- 2003 Robert Aller, Richard Carlson, Marilyn Fogel, Seth Krishnaswami, John W. Morse, Herbert Palme, David Rickard, Roger E. Summonst
- 2002 David Des Marais, Archie Douglast, Michael Drake, Irving Friedman, Christopher Martens, Phil Meyers, Garrison Sposito, and John Wasson
- 2001 Alex Halliday, Chris Hawkesworth, Bill Jenkins, Bo Joergensen, John W. Smitht, Igor Tolstikhin, Rolland Wollast
- 2000 Harry Elderfield, Gunter Faure, Fred A. Frey, Gilbert Hanson, Frank J. Millero, Francois M. Morel, Minoru Ozima, Douglas Rumble II, Terry M. Seward, G. Alan Zindler
- 1999 Hubert L. Barnes, James L. Bischoffg, Gordon E. Brown, C. Wayne Burnham, William S. Fyfe, Nobumichi Shimizu
- 1998 Thomas J. Ahrens, Francis Albarède, Michael L. Bender, Edward A. Boyle, Eric M. Galimov, John I. Hedges, Miriam Kastner, Yehoshua Kolodny, Charles H. Langmuir, Antonio C. Lasaga, James R. O'Neil, George Parks, Jan Veizer, David Walker, E. Bruce Watson, Bernard J. Wood, Ernst Zinner
- 1997 Philip Abelson, Jan Bottinga, Ian Carmichael, Donald J. DePaolo, Bruno J. Giletti, Tom Krogh, Ikuo Kushiro, Devendra Lal, Gunter W. Lugmair, Fred T. Mackenzie, Alexandra Navrotsky, Michael O'Hara, Keith O'Nions, Denis M. Shaw, Edward M. Stolper, James C. G. Walker, George W. Wetherill, Derek York
- 1996 William Compston, Willi Dansgaard, John Edmond, John M. Hayes, Albrecht W. Hofmann, Marc Javoy, Ho-Kwang Mao, Stephen Moorbath, Patrick L. Parkert, John Reynolds, Jean-Guy Schilling, Nicholas Shackleton, Werner Stumm, Mitsunobu Tatsumoto, George Tilton, Grenville Turner, Heinrich Wänke, William White, Pierre Albrecht, Claude Allegre, Edward Anders, Robert A. Berners, Wallace S. Broecker, Robert N. Clayton, Harmon Craigs, Geoffrey Eglinton, Samuel Epstein, Hans P. Eugster, Robert M. Garrels, Paul W. Gast, Samuel S. Goldich, Stanley R. Harts, Harold C. Helgeson, T.C. Hoering, Heinrich D. Holland, John M. Hunt, Isaac (Ian) R. Kaplan, Konrad B. Krauskopf, Keith A. Kvenvoldent, Jan W. de Leeuw, James R. Maxwell, Alfred O.C. Nierg, Hans Oeschger, Clair C. Patterson, G.T. (Ted) Philippit, A.E. (Ted) Ringwood, Wolfgang K. Seifert, Hans E. Suess, Hugh P. Taylor, Jr., S. Ross Taylor, James B. Thompson, Jr., Bernard Tissot, Karl K. Turekiang, Harold C. Urey, Gerald J. Wasserburg, Dietrich H. Woldt

<sup>g</sup> Fellow by Goldschmidt Medal

<sup>P</sup> Fellow by Patterson Medal

<sup>si</sup> Fellow by Science Innovation Medal

<sup>t</sup> Fellow by Treibs Medal

<sup>u</sup> Fellow by Urey Medal

## Fellows by Last Name

A	B	C	D	E	F
Philip Abelson	Jill Banfield	Georges Calas	Willi Dansgaard	John Edmond	Kenneth A. Farley
Thomas Ahrens	Hubert Barnes	Don Canfield	James Davis	R. Lawrence Edwards	James Farquhar
Francis Albarede	Michael Bender	Elizabeth Canuel	Gert de Lange	Geoffrey Eglinton	Gunter Faure
Pierre Albrecht	Victoria Bennett	Richard Carlson	Jan W. de Leeuw	John M. Eiler	Yingwei Fei
Claude Allegre	Robert Berner	Ian Carmichael	Donald DePaolo	Harry Elderfield	Scott E. Fendorf
Robert Aller	Thomas Bianchi	William Casey	David Des Marais	Timothy Elliott	Guillaume Fiquet
Yuri Amelin	James Bischoff	Sumit Chakraborty	Archie Douglas	Steven Emerson	William F. Fitzgerald
Ariel Anbar	Janne Blichert-Toft	C. Page Chamberlain	Patricia M. Dove	Samuel Epstein	Marilyn Fogel
Edward Anders	Joel Blum	Jérôme Chappellaz	Michael Drake	Hans P. Eugster	Katherine Freeman
Robert F. Anderson	Jon Blundy <sup>si</sup>	Marc Chaussidon	Zhenhao Duan	Rod Ewing	Fred Frey
Richard Arculus	Jan Bottinga	Catherine Chauvel			Irving Friedman
Nicholas Arndt	Bernard Bourdon	Hai Cheng			Carol Frost
Yemane Asmeron	Samuel Bowring	Daniele J. Cherniak			William S. Fyfe
	Edward Boyle	Sun-Lin Chung			
		Robert Clayton			

	Susan Brantley Wallace S. Broecker Gordon Brown Kenneth Bruland C. Wayne Burnham	William Compston Harmon Craig			
<b>G</b>	<b>H</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
Eric M. Galimov Shan Gao Robert M. Garrels Paul W. Gast Bruno J. Giletti Andrew Gleadow Samuel Goldich Steven L. Goldstein Jitendra Nath Goswami Monica M. Grady Kliti Grice William L. Griffin Timothy L. Grove	Alex Halliday Gilbert Hanson T. Mark Harrison Stanley R. Hart Patrick Hatcher Erik Hauri Chris Hawkesworth Frank C. Hawthorne John M. Hayes Robert Hazen John I. Hedges Harold C. Helgeson Kai-Uwe Hinrichs Kei Hirose Marc Hirschmann Michael F. Hochella, Jr. Jochen Hoefs T. C. Hoering Albrecht W. Hofmann Heinrich D. Holland John M. Hunt	Stein B. Jacobsen Bor-ming Jahn Bjørn Jamtveit Marc Javoy Bill Jenkins Bo Joergensen Karen H. Johannesson	Isaac (Ian) R. Kaplan James F. Kasting Miriam Kastner Kimitaka Kawamura Peter B. Kelemen Hans Keppler Yehoshua Kolodny Kurt O. Konhauser Konrad B. Krauskopf Seth Krishnaswami Tom Krogh Lee R. Kump Mark D. Kurz Ikuo Kushiro Keith A. Kvenvolden	Devendra Lal Rebecca Lange Charles H. Langmuir Stephen R. Larter Antonio C. Lasaga Cindy Lee Cong-Qiang Liu Gunter W. Lugmair George W. Luther, III Boaz Luz Timothy W. Lyons	Fred T. Mackenzie Stephen A. Macko Ho-Kwang Mao Chris Martens Bernard Marty James R. Maxwell Catherine McCammon Malcolm McCulloch Kevin McKeegan Judith A. McKenzie William F. McDonough Scott M. McLennan Phil Meyers Klaus Mezger Walter Michaelis Frank J. Millero J. Michael Moldovan Isabel Patricia Montañez Stephen Moorbath François M. Morel John W. Morse Bjorn O. Mysen
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>
Hiroko Nagahara Kathryn L. Nagy Alexandra Navrotsky Alfred O.C. Nier	Michael O'Hara James R. O'Neil Hugh O'Neill Keith O'Nions Hans Oeschger Eiji Ohtani Minoru Ozima	Herbert Palme Martin Palmer Richard D. Pancost Patrick L. Parker George Parks Clair C. Patterson Adina Paytan Robert O. Pepin G.T. (Ted) Philippi Terry Plank Brian Popp Andrew Putnis	Jay Quade	Rob Raiswell Christopher Reddy John Reynolds Pascal Richet Frank M. Richter David Rickard A.E. (Ted) Ringwood David Rubie Roberta L. Rudnick Douglas Rumble II F.J. (Rick) Ryerson	Peter H. Santschi Sam Savin Jean-Guy Schilling Martin Schoell Jacques Schott Stefan Schouten Jeffrey P. Severinghaus Terry M. Seward Wolfgang K. Seifert William E. Seyfried, Jr. Denis M. Shaw Nicolas Shackleton Nobumichi Shimizu Steven B. Shirey Everett Shock Daniel Sigman Jaap S. Sinninghe Damste Bernd R.T. Simoneit John W. Smith Susan Solomon Bhamidipati L.K. Somayajulu Donald L. Sparks Garrison Sposito Jonathan Stebbins Holly Stein Susan L.S. Stipp Edward M. Stolper Werner Stumm Hans E. Suess Roger E. Summons William Sunda Dimitri Sverjensky
<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>Y</b>	<b>Z</b>
Mitsunobu Tatsumoto Hugh Taylor, Jr. S. Ross Taylor Bo Thamdrup <sup>si</sup> Mark Thiemens James B. Thompson, Jr. George Tilton Bernard Tissot Igor Tolstikhin Karl K. Turekian Grenville Turner	Harold C. Urey	John W. Valley Philippe Van Cappellan David Vaughan Jan Veizer John Volkman Friedhelm von Blanckenburg Karen L. Von Damm	Stuart G. Wakeham David Walker James C.G. Walker Richard J. Walker Lynn M. Walter Heinrich Wanke Gerald J. Wasserburg John Wasson E. Bruce Watson Dominique Weis Dietrich H. Welte George W. Wetherill Arthur F. White William White Rolland Wollast Bernard J. Wood Jon Woodhead	Derek York Edward Young Hisayoshi Yurimoto	Yong-Fei Zheng G. Alan Zindler Ernst Zinner

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