



## Julie Kennedy

Professor (Teaching) of Earth System Science, Emerita

### Bio

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#### ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Earth System Science
- Senior Fellow, Emerita, Stanford Woods Institute for the Environment

#### ADMINISTRATIVE APPOINTMENTS

- Co-Director Earth Systems Program, Stanford University, (2012-2014)
- Professor (Teaching) Environmental Earth System Science Department, Stanford University, (2011- present)
- Senior Fellow, Woods Institute for the Environment, Stanford University, (2011- present)
- Peter E. Haas Faculty Co-Director, Haas Center for Public Service, Stanford University, (2010- present)
- Senior Lecturer Environmental Earth System Science Department, Stanford University, (2007-2011)
- Senior Lecturer Woods, Institute for the Environment, Stanford University, (2005-2011)
- Associate Director Earth Systems Program, Stanford University, (2001-2012)
- Senior Lecturer and Academic Coordinator Earth Systems Program, Stanford University, (1998-2001)
- Lecturer and Academic Coordinator Earth Systems Program, Stanford University, (1994-1998)
- Postdoctoral Research Associate, Biogeochemical Laboratories, Indiana University, (1992-1995)
- Visiting Scholar Geological & Environmental Sciences, Stanford University, (1992-1994)

#### HONORS AND AWARDS

- Phi Beta Kappa, Highest Honors, UC Davis (1986)
- Fellow, NAGT Fellowship (1986)
- Fellow, Chevron Fellowship (1987)
- Fellow, Stanford-USGS Fellowship (1988)
- Partnership Award, Mentoring Hoefler Prize Winner, Writing-In-The-Major Program, Stanford University (1996 and 1997)
- Excellence in Teaching, School of Earth Sciences, Stanford University (1998)
- Outstanding Undergraduate Advising Team for Freshman Advising, Undergraduate Advising Center, Stanford University (1999)
- Lloyd W. Dinkelspiel Award for Distinctive and Exceptional Contributions to Undergraduate Education, Stanford University (2002)
- Partnership Award, Mentoring Hoefler Prize Winner, Writing-In-The-Major Program, Stanford University (2005)
- Excellence in Teaching, School of Earth Sciences, Stanford University (2006)
- Landreth Family University Fellow in Undergraduate Education, Stanford University (2008 - Present)

- Women's Voice and Influence Program, Inaugural Class Participant, Stanford University (2011 - 2012)
- Leadership Academy Participant, Stanford University (2012 - Present)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Chair, Gardner Post-Graduate Fellowship Selection Committee, Haas Center, Stanford (2014 - present)
- Member, University Committee for the Review of Undergraduate Majors (2014 - present)
- Team Leader, Paris Campus Review, BOSP, Stanford (2014 - present)
- Co-leader and Panel Moderator, Panel on Board Service, New York City, Stanford Alumni Association and Haas Center (2014 - 2014)
- Member, Site Visit Review Team, Madrid Campus, BOSP, Stanford (2014 - 2014)
- Panel Moderator, Science and Policy of Climate Change, Reunion Homecoming Weekend, Stanford (2014 - 2014)
- Member, Bing Overseas Studies Program Executive Board (2013 - present)
- Member, Beagle II Grant Selection Committee, Stanford (2013 - present)
- Member, ELISS Fellows Selection Committee (2013 - 2014)
- External Review Committee Member, Department of Environmental Studies, Emory University (2013 - 2013)
- Mentor, Leland Scholars Program, Stanford (2013 - 2013)
- Member, Student Mental Health and Well-Being Advisory Board, Stanford (2012 - present)
- Member, Phi Beta Kappa Faculty Advisory Council, Stanford (2012 - present)
- Participant, Behavior, Energy & Climate Change Conference (2012 - 2012)
- Search Committee Member, Stanford Dean of Students/Director of Undergraduate Advising & Research (2012 - 2012)
- Member, Educational Farm Advisory Board, Stanford (2011 - present)
- Member, Writing and Rhetoric Governance Board, Stanford (2011 - 2014)
- Presenter, 14th Annual Continuums of Service, National Conference (2011 - 2011)
- Co-Chair, Faculty Steering Committee, Haas Center for Public Service (2010 - present)
- Faculty Co-Director, National Advisory Board, Haas Center for Public Service (2010 - present)
- Advisory Board Member, Students for a Sustainable Stanford, Stanford (2010 - 2014)
- Committee Member, Study of Undergraduate Education at Stanford (2010 - 2012)
- Lecturer Search Committee Member, Earth Systems Program, Stanford (2010 - 2011)
- Senate Review Committee, Earth Systems Program, Stanford (2010 - 2011)
- Participant, American Association of Colleges & Universities: Institute on General Education and Assessment (2010 - 2010)
- Participant, Conference on Environmental Science and Studies, Portland Oregon (2010 - 2010)
- Committee Member, FSI-Haas International Public Service Advisory Committee, Stanford (2009 - 2012)
- Curriculum Committee Member, Race and the Environment: Race Forward, Stanford (2009 - 2011)
- Member, Goldman Honors Steering Committee, Stanford (2009 - 2011)
- Steering Committee Member, McCoy Family Ethics Center, Stanford (2008 - 2013)
- Member, Student Mental Health and Well-Being Oversight Committee, Stanford (2008 - 2012)
- Participant, Stanford Sustainability Working Group (2008 - 2011)
- Panelist, Stanford Judicial Affairs (2008 - 2010)
- Member, Yang and Yamazaki Environment and Energy Building Leadership Team, Stanford (2008 - 2009)
- Invited Participant, Stanford Faculty (Summer) | Service-Learning Institute, Stanford (2008 - 2008)
- Participant, Behavior, Energy & Climate Change Conference (2008 - 2008)

- Member, Stanford WASC Accreditation Steering Committee (2007 - 2013)
- Participant, 2nd Environmental Studies Summit at Syracuse University (2007 - 2007)
- Member, University Sub-committee on Exceptions to Academic Policy (S-EAP), Stanford (2006 - 2008)
- Member, University Committee on Undergraduate Standards and Policy (C-USP), Stanford (2006 - 2008)
- Participant, Santa Barbara Summit on Environmental Studies (2006 - 2006)
- Member, I-Earth Steering Committee, Stanford (2005 - 2014)
- Member, University Ethical Reasoning Advisory Board, Stanford (2005 - 2014)
- Chair, School of Earth Sciences Diversity Committee, Stanford (2005 - 2006)
- Member, Stanford Institute for the Environment ad hoc Marine Committee (2005 - 2006)
- Member, Stanford Institute for the Environment ad hoc Building Committee (2005 - 2006)
- Member, School of Education Teachers for a New Era Assessment Team, Stanford (2005 - 2006)
- Member, Stanford Walker Proposal Advisory Group (2005 - 2005)
- Mentor, Stanford-In-Government Fellowships (2004 - present)
- Co-Chair, Stanford Institute for the Environment Academic Programs Committee (2004 - 2006)
- Faculty Fellow, Potter College, Stanford (2004 - 2005)
- Member, School of Earth Sciences Strategic Plan Sub-Committee on Academic Programs, Stanford (2004 - 2005)
- Member, Association of American Colleges & Universities: Conference on Campus Leadership for Student Engagement, Inclusion, and Achievement (2004 - 2004)
- Participant, Academy for Educational Development: Teachers for a New Era Conference (2004 - 2004)
- Member, Institute for International Studies, Goldman Honors Committee, Stanford (2003 - 2007)
- Member, Map-Ming Visiting Professor Committee, Stanford (2003 - 2007)
- Member, University Writing and Rhetoric Governance Board, Stanford (2003 - 2006)
- Member, Stanford School of Education/Carnegie Corporation - Teachers For A New Era Initiative (2003 - 2006)
- Member, School of Earth Sciences Sub-Committee on Web Design, Stanford (2003 - 2005)
- Member, Earth Systems Executive Committee, Stanford (2002 - 2014)
- Member, University Committee for the Review of Undergraduate Majors (C-RUM), Stanford (2002 - 2003)
- Member, University Sub-Committee on General Education Requirements (S-GER), Stanford (2001 - 2008)
- Program Oversight Committee, Approved Subject Matter of Teacher Education in Physics/General Science for the California Commission on Teacher Credentialing and Stanford's STEP Program (2001 - 2006)
- Member, University Committee on Undergraduate Student Diversity (Provost's Diversity Action Council) (2001 - 2005)
- Member, University Subcommittee on Residential Education and Advising (S-REA), Stanford (2000 - 2001)
- Member, University Committee on Undergraduate Studies (C-US), Stanford (1999 - 2002)
- Panel member, USGS, INCLUDE Conference: Defining Science Synthesizers-The Natural Philosophers for the 21st Century (1999 - 1999)
- Member, Earth Systems Advisory Committee of the Whole, Stanford (1998 - present)
- Member, USGS/GSA Advisory Committee on Interdisciplinary Training (1998 - 1998)
- Freshman/Sophomore Adviser, Stanford University (1997 - 2014)
- Member, Branner Library Committee, School of Earth Sciences, Stanford (1997 - 2007)
- Member, Geological Society of America (1992 - present)
- Member, American Geophysical Union (1992 - 2005)
- Member, Stanford-USGS Fellowship Steering Committee (1992 - 2003)

## PROFESSIONAL EDUCATION

- Ph.D., Stanford University , Geology (1992)
- B.S., University of California, Davis , Geology (1986)

## LINKS

- Woods Institute for the Environment: <http://woods.stanford.edu>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

#### Research

For the past 21 years I have been active in designing and running the school's interdisciplinary environmental science and policy undergraduate major, the Earth Systems Program. I have specific interest in interdisciplinary teaching and learning, and in the effective communication of complex interdisciplinary problem descriptions, analysis methods, and solutions to expert and non-expert audiences. I advise and work on research projects with undergraduate and master's level students whose interests include ecology, energy, land systems management, ocean science and policy, sustainability, environmental education, and science communication.

#### Teaching

I teach classes in interdisciplinary problem analysis and in critical reading and review of environmental literature. I also am one of a number of faculty who co-teach the Earth Systems gateway course, Introduction to Earth Systems.

#### Professional Activities

My professional activities center on undergraduate education. I have been active for decades on Stanford committees that examine standards and policies, the review of general education requirements, undergraduate advising programs, student mental health, and student diversity.