

RECOGNITION, SUCH AS HONORS, AWARDS, AND EXPERT POSITIONS

DEPARTMENT

OU Associates' Distinguished Lecturer 1985-1986
OU Junior Faculty Research Fellow 1984

COLLEGE

Award for Instructional Improvements 1995

UNIVERSITY

OU Sooners Football Team Honorary Faculty Coach, September 1995
OU Sooner Spotlight 1986

REGIONAL

Oklahoma State University Campus Diversity Site Team Visit. Feb 26, 2007
OKC *Journal Record* Woman of the Year Circle of Excellence 2006
Oklahoma City *Journal Record* "50 Making a Difference" 2006 (third award)
Outstanding Professor, Oklahoma Educator's Leadership Academy 2004 - 2005
Oklahoma City *Journal Record's* "50 Making a Difference" 2005 (second award)
Langston Univ. Integrated Network College (LINC) for STEM Advisory Committee Member 2004-date
Oklahoma City *Journal Record's* "50 Making a Difference" 2004
Sigma Xi Norman Chapter Faculty Research Award Mar. 15, 2001.
Newspaper front page "Nelson: Professor develops, markets teaching aid." Norman Transcript, May 1998, p1

NATIONAL / INTERNATIONAL RECOGNITION

Awards

Fulbright Scholar 2007 - 2008
Fellow, American Association for the Advancement of Science 2005
Guggenheim Award 2003 - 2004
Ford Foundation Fellowship 2003 - 2004
NSF ADVANCE Leadership Award 2006 - 2009
Society of Women Engineers (SWE) sponsored membership 2008- 2009
21 Leaders for the 21st Century, Women's eNews 2006
SACNAS Distinguished Scientist of the Year 2006
Minority Health Professions Foundation Hall of Fame Inductee 2005
National Organization for Women (NOW) National Woman of Courage Award 2004
Woman of Achievement, USBE & Information Technology Magazine 2003
Alfred P. Sloan Foundation Travel Award 2003
Alpha Phi Omega, "Leader of the 20th Century" 1999
Member Spotlight, The Iotan March, 6, 1994, p3. (The first such award given.)
Phi Kappa Phi Honor Society, Invited Member Founding Chapter 251 1993
NSF Research Grant Creativity Extension 1989 - 1991
Research Corporation Cottrell Scholar Award 1985
ACS Petroleum Research Foundation Type G Award 1985

Honors and elected or appointed positions

Chemical Heritage Foundation, Oral History Interviewee, July 21, 2008
SACNAS Biography Project Inductee 2004
Just-Garcia-Hill Biography Project Inductee 2004
AISES Sequoyah Member 2003

ACS, Division of Inorganic Chemistry, Nanoscience Subdivision, Chair-Elect 2009
INOR Nanoscience Programming Chair 2009-2007
ACS Division of Petroleum Chemistry, Multidisciplinary Program Planning Committee (MPPG) 2008-2007
Sigma Xi Norman Chapter, SW Region Delegate 2004-2001.
Sigma Xi, National Committee on Diversity, Member 2004 – 2001
Iota Sigma Pi National Vice-President 2002-1999
Inorganic Nanoscience Award Selection Committee 2009-2008
Roger Adams Award Selection Committee 2009–2006
MacArthur Foundation, MacArthur Fellows Program Nominator 2006-2005
James Flack Norris Award for Physical Organic Chemistry Canvassing Committee 1987-90

Science Advisorships, Expert Testimonies, Expert Witness, and Congressional Briefings

Chancellor's Diversity Scholar, University of California at San Diego 2008 - 2009
Science advisor, "*Breaking Bad*" AMC Television Producer Vince Gilligan and science writers 2008-2009
Advisor on Hiring Scientists, Federal Institute of Technology in Lausanne (Ecole Polytechnique Fédéral de Lausanne), EPFL of Switzerland, Valais Canton, Auzere, Switzerland. Mar 4, 2005.
Science advisor to US Sen George Allen (R-VA) 2007-2005
Science advisor to US Sen. Ron Wyden (D-OR) 2007-2003
Science advisor to US Rep. Vernon Ehlers (R-MI) 2008-2000
Science advisor to US Rep. Frank Lucas (R-OK) 2007-2000
Science advisor to US Rep. Brad Carson (D-OK) 2005-2003
Science advisor to US Rep. Connie Morella (R-MD) 2001
Science advisor to US Rep. J. C. Watts (R-OK) 2001
"A National Analysis of Minorities in Science and Engineering Faculties at Research Universities" National Press Club *Newsmaker* Briefing and Capitol Hill Briefing in US House of Representatives. 31Oct2007. http://chem.ou.edu/~djn/diversity/Faculty_Tables_FY07/Briefings/
"The Title IX Challenge." Delivered a petition requested by Sen. Ron Wyden & Sen. George Allen in US Capitol Building. 11May2005. http://chem.ou.edu/~djn/diversity/Title_9/Title_9_Challenge.html
"A National Analysis of Diversity in Science and Engineering Faculties at Research Universities" National Press Club Briefing and Capitol Hill Briefing in US Senate. 5Jan2004. <http://chem.ou.edu/~djn/diversity/briefings/15Jan04Briefings.html>
"GAO Releases Title IX Compliance Study Results." Invited talk inside US Capitol. 22July2004. http://chem.ou.edu/~djn/diversity/GAO_Press_Release/22Jul04GAOreport.html
"Diversity in Academia: A Look at Gender, Race, and Ethnicity in Science and Engineering Departments." Capitol Hill Briefing in US House of Representatives. 11Oct2001. <http://chem.ou.edu/~djn/diversity/Pubs/Briefing10-11-01.html>
State of Oklahoma, District Court of Jackson County, Altus, OK. Court-qualified expert witness. 15Jan2001
Consultant for Wiley College MARC (Minorities Access to Research Careers) program, 1992.

Advisory boards and positions

Dow Chemical Company, Advisory Board 2008 - date
Journal of Nanotechnology, Editorial Board 2008 - date
Research Letters in Nanotechnology, Editorial Board 2008 - date
ACS Corporation Associates 2008-date
NanoTX Advisory Board 2007 - date
RAISE Advisory Board 2007 – date
Oklahoma State Regents, OU Representative to Women in Science in Higher Education 2008-date
Big 12 Diversity Officers, OU Representative 2007-date
ACS Spring National Meeting, Presidential Sessions Organizer and Presider 2006
Member of ACS (American Chemical Society) National Committee on Science 2004 - 2008
Gordon Research Conferences Blue Ribbon Panel on Diversity. 2006 – date

ACS Fall National Meeting, Presidential Program Symposium Organizer and Chair 2006
Program Review, Department of Chemistry, University of Colorado, Colorado Springs, CO. Apr 7, 2005.
Harvard-Smithsonian Center for Astrophysics & Harvard Dept of Physics, External Adv. Committee 2005
Yale Center for Astronomy and Astrophysics, External Advisory Board 2005 - date
Associate Editor, *AWIS Magazine* 2002
MIT Gender Equity Project 2001-2002
NIH Biotechnology Institute Minority Fellows Advisory Board 2001 – 2002
McGraw-Hill Organic Chemistry Education Advisor 2004
Women in Engineering Leadership Institute Advisor 2004
Assistant Editor, Just Garcia Hill's *Progress Magazine* 2002 – 2004
WIPP (Women Impacting Public Policy) National Advisory Board Council 2004-2008
Center for the Integration of Teaching, Research, and Learning Scholar 2004 - 2005
Center for the Integration of Teaching, Research, and Learning Scholar 2004 - 2005
ACS Board Task Force to Address Problems Facing the Chemical Academic Community with Regard to the
Paucity of Native Underrepresented Minority Faculty (established due to Nelson Diversity Surveys) 2002
ACS Task Force to Explore the Role of ACS Collection and Dissemination of Data on Women Employed in
the Chemical Sciences (established as a result of Nelson Diversity Surveys) 2001

Representative Interviews, feature articles, and exhibitions about research activities

"Women in Science." Subject of podcast, Chemical Heritage Foundation, Philadelphia, PA. Aug 19, 2008
"It's a New World." OU Nightly Interview by Jarrel Wade. TV4OU, The Wire, University of Oklahoma,
Norman, OK. Oct 9, 2007
"Diversity in Top US Science and Engineering Departments; US Scientific Workforce Development for the
Next Decade." With Sam Greenfield of WWRL NYC Radio Station. New York City, NY. 15May2006
"Diversity in Top US Science and Engineering Departments; US Scientific Workforce Development for the
Next Decade." With Lauren Jackson of Fox News Radio Station. New York City, NY. May 15, 2006
"Diversity in Top US Science and Engineering Departments; US Scientific Workforce Development for the
Next Decade." Interview with Roberta Facinelli, co-host of Doug Stephan's Good Day National Radio
Show. New York City, NY. May 15, 2006
"Diversity in Top US Science and Engineering Departments; US Scientific Workforce Development for the
Next Decade." With Barbara Singer of WWRL NYC Radio Station. New York City, NY. May 15, 2006
"Effects of President Summers Remarks at NBER Meeting on 14Jan05." Jim Lehrer News Hour. 19Feb2005.
Cover art for *Division of Organic Chemistry Calendar* September 2006
Cover art for *Journal of Organic Chemistry* 2005, 69, Feb 4
ScienceNow article about Nelson Diversity Surveys 17 May, 2001
Science Magazine article about Nelson Diversity Surveys **2001**, 292, 1291-1292, May 18.
AP press release about Nelson Diversity Surveys May 20, 2001
Blackboard Resources article about Nelson Diversity Surveys May 20, 2001;
IMdiversity.com, IMinorities, Inc. article about Nelson Diversity Surveys May 20, 2001;
BlackVoices.com article about Nelson Diversity Surveys May 21, 2001
Exploration @ Vanderbilt - DC Brief about Nelson Diversity Surveys, Vanderbilt University 21May2001
Chronicle for Higher Ed article about Nelson Diversity Surveys (web, 21May), print 8June2001, page A12.
Chemical and Engineering News article about Nelson Diversity Surveys **2001**, 79, (23, June 4), 67.
Black Issues in Higher Education article about Nelson Diversity Surveys **2001**, 18, (8, June 7), 12.
The Iotan (of Iota Sigma Pi) article about Nelson Diversity Surveys **2001**, May issue, page 4.
The Journal of Blacks in Higher Education article about Nelson Diversity Surveys **2001**, 32, 17.
Chemical and Engineering News article about Nelson Diversity Surveys **2001**, 79, (40, October 1), 100.
Chemical Engineering Progress article about Nelson Diversity Surveys **2001**, 97, 15.
Physics Today article about Nelson Diversity Surveys **2001**, 54, (No. 10, October issue), 21.
EAS (Electrophilic Aromatic Substitution) Tool adopted as a supplement to textbook "Organic Chemistry,"
by K. Peter Vollhardt. 2000

Dallas National ACS Meeting Presentation featured in Chemical & Engineering News 1998, April 13, p. 47.

“‘Slide rule’ helps in teaching electrophilic aromatic substitution. From the ACS meeting.”

Office of Federal Contract Compliance Programs Meeting about Nelson Diversity Surveys. Washington, DC. Nov. 19, 2001.

Office of Science & Technology Policy Meeting on Nelson Diversity Surveys. Washington, DC. 20Nov2001

Exhibit: “Dr. DJNelson’s Research” Bizzell Memorial Library, University of Oklahoma. Dec1999-Feb2000

Exhibit: “Formation of Inorganic Precipitates in Microgravity on the Getaway Special STS-40” by Frates, Rodman A.; Nelson, Donna J.; Friedrich, Craig; Rubowitz, Mark; Collins, Clay. Oklahoma Science Museum, Oklahoma City, OK. 1999

Exhibit: “Formation of Inorganic Precipitates in Microgravity on the Getaway Special STS-40” Casady High School, Oklahoma City, OK. 1998

Exhibit: “Teaching Devices of Dr. Donna Nelson” Borders Bookstore, Norman, OK. 1998