

Nancy E. Levinger

Colorado State University

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Interests: Dynamics of molecules and chemistry in the condensed phase, especially molecular assemblies, molecules at liquid interfaces and in confined environments by ultrafast spectroscopic techniques, NMR, and neutron scattering. Application of fundamental physical chemistry methods to understand cryopreservation of cells. Measuring how students learn chemistry; developing new methods to help students learn general and physical chemistry. Communicating science to the public.

Education: B.A., 1983, Integrated Science and Physics
Northwestern University, Evanston, IL

Ph.D., 1990, Chemical Physics, Thesis advisor: W. C. Lineberger
University of Colorado, Boulder, CO
Thesis title: "Spectroscopy and dynamics of large cluster ions"

NSF Postdoctoral Fellowship, 1990-92, Physical Chemistry
Advisor Paul F. Barbara (deceased)
University of Minnesota, Minneapolis, MN

Selected Honors, Awards, Leadership:

Jack E. Cermak Advising Award, Colorado State University, 2016
Nancy E. Levinger Undergraduate Research Fellowship, Colorado State University, established, 2015
Fellow, American Chemical Society, elected 2014
Fellow, American Association for the Advancement of Science, elected 2010
Fellow of the American Physical Society, elected 2005
University Distinguished Teaching Scholar, Colorado State University, 2007-present
Margaret Hazaleus Award, Women's Caucus, Colorado State University, 2004
National Science Foundation Young Investigator Award, 1994-99
National Science Foundation Postdoctoral Fellowship in Chemistry, 1990-92
AAAS Council Delegate, Chemistry Division, 2016-2017
Chemistry and Physics of Liquids Gordon Research Conference, Vice-Chair 2019, Chair 2020
Water and Aqueous Solutions Gordon Research Conference, Vice-Chair 2014, Chair 2016
Executive Board, American Chemical Society, Physical Division 2012-2016
American Physical Society Executive Board, 2011-2012
Councilor, Division of Chemical Physics, American Physical Society, 2009-2012
Executive Committee Member-at-Large, Division of Chemical Physics, American Physical Society, 2004-2006
NSF Chemistry REU Leadership Group, founder and chair, 2001-2004
Colorado State University Undergraduate Research Mentoring Award, 1999

Employment History:

May 2007-present	University Distinguished Teaching Scholar Colorado State University, Fort Collins, CO USA
Jul 2005-present	Professor of Chemistry, Department of Chemistry Colorado State University, Fort Collins, CO USA
Jul 2014-Jul 2016	Associate Chair for Undergraduate Affairs, Department of Chemistry

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Colorado State University, Fort Collins, CO USA

- Apr 2009-present Adjunct Professor of Electrical and Computer Engineering
Department of Electrical and Computer Engineering
Colorado State University, Fort Collins, CO USA
- Jul 2006-Jul 2009 Associate Chair, Department of Chemistry
Colorado State University, Fort Collins, CO USA
- Jul 1999-Jul 2005 Associate Professor of Chemistry, Department of Chemistry
Colorado State University, Fort Collins, CO USA
- Aug 1992-Jun 1999 Assistant Professor of Chemistry, Department of Chemistry
Colorado State University, Fort Collins, CO USA

Professional Societies:

- Member and Fellow, American Physical Society
- Member and Fellow, American Association for the Advancement of Science
- Member and Fellow, American Chemical Society
- Lifetime Member, Iota Sigma Pi, National Chemistry Honor Society for Women
- Member, American Association of University Women

Languages: English (native language), Swedish (speak and read fluently), French (speak and read), German (studied and read with effort).

Accomplishments:

- Published 90 peer-reviewed papers including four invited reviews. h-index of 43 (Google Scholar); 23 papers with more than 100 citations. Eighteen peer-reviewed publications with 15 individual undergraduate co-authors. Presented more than 60 invited talks at international, national and regional meetings; over 80 invited presentations at academic institutions and national laboratories including two named lectureships.
- Mentored eight students to the PhD and seven to the Master of Science degree. Mentored more than 40 undergraduate students and one high school student in research. Hosted seven visiting scholars from other institutions. Mentored eight postdoctoral associates. Currently mentoring two graduate students and one postdoctoral associate.
- Attracted >\$5 million in grants as principal investigator; contributed to an additional >\$2.5 million as co-principal investigator for multiuser, equipment or collaborative research grants.
- Directed NSF REU program at CSU for seven years. Founded and served on the NSF Chemistry REU Leadership Group for four years and served as its first chair. Organized CSU Celebrate Undergraduate Research and Creativity Poster Session (campus-wide undergraduate research poster session) for ten years and continue to serve on the steering committee
- Serve(d) in leadership and governance of AAAS Chemistry Council, American Chemical Society PHYS division; American Physical Society, Division of Chemical Physics executive committee; American Physical Society council and executive board; National award selection committees, elected vice-chair (2014) and chair (2016) Water and Aqueous Solutions Gordon Research Conference, vice-chair (2019) and chair (2021), Chemistry and Physics of Liquids GRC.
- Active in groups representing women and minorities in science; 2013 ACS Awards Equity Subcommittee: identified ways for ACS to increase diversity in national award nominees and recipients; 2005-present Women's Programs and Studies faculty affiliate; Colorado State University Women in Chemistry Advisory Board, Charter member; 2008 WorkLife II committee member, committee developed recommendations to CSU provost; Active mentor for female graduate students at Colorado State University and beyond; Active mentor for junior female faculty members at CSU and nationwide; Marie Curie Symposium Poster Session organizer, 242nd ACS Nat'l Meeting 2011; Gordon Research Seminar invited panelist (Water and Aqueous Solutions 2016, Liquids 2017); Gordon Research Conference Power Hour organizer (Liquids 2017).