

*Curriculum Vitae*  
**Alanna Schepartz**

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**Born:** January 9, 1962, NYC

**Education**

**1982** B.S., Chemistry; State University of New York, Albany, NY (with S. Bank)  
**1987** Ph.D., Chemistry; Columbia University, New York, NY (with R. Breslow)

**Professional**

*California Institute of Technology*

**1986-1988** National Institutes of Health Postdoctoral Fellow (with P.B. Dervan)

*Yale University*

**1988** Assistant Professor of Chemistry  
**1992** Associate Professor of Chemistry  
**1994** Milton Harris, '29 Ph.D. Associate Professor of Chemistry  
**1995** Professor of Chemistry  
**2000-2017** Milton Harris, '29 Ph.D. Professor of Chemistry  
**2001-2019** Professor of Molecular, Cellular and Developmental Biology  
**2002-2007** Howard Hughes Medical Institute Professor  
**2011-2014** Director, Yale Chemical Biology Institute  
**2017-2019** Sterling Professor of Chemistry

*University of California, Berkeley*

**2019-present** T. Z. and Irmgard Chu Distinguished Chair in Chemistry  
**2019-present** Professor of Molecular and Cellular Biology  
**2019-present** Faculty Affiliate, California Institute for Quantitative Biosciences  
**2022-present** Chan-Zuckerberg Biohub-San Francisco Investigator  
**2022-2023** Miller Institute Faculty Fellow  
**2023-present** ARC Institute Innovation Investigator

**Awards and Honors**

*SUNY@Albany*

**1982** Presidential Award for Undergraduate Research

*Columbia University*

- 1983 Award for Excellence in Teaching  
1986 Pegram Award for Graduate Research

*California Institute of Technology*

- 1987 N.I.H. Postdoctoral Fellowship

*Yale University*

- 1990 David and Lucile Packard Foundation Fellow  
1991 Eli Lilly Biochemistry Fellow  
1991 Morse Faculty Fellow, Yale University  
1991 National Science Foundation Presidential Young Investigator Award  
1993 Camille and Henry Dreyfus Teacher-Scholar Award  
1994 Alfred P. Sloan Research Fellowship  
1995 Invited Lecturer, National Organic Symposium  
1995 A.C.S. Arthur C. Cope Scholar Award  
1997 A.C.S. Eli Lilly Award in Biological Chemistry  
1998-2001 Chair, N.I.H. Study Section on Natural Products and Bioorganic Chemistry  
1999 Dylan Hixon '88 Award for Teaching Excellence in the Natural Sciences  
2002 Agnes Fay Morgan Research Award, Iota Sigma Pi  
2002-2007 Howard Hughes Medical Institute Professor  
2003 Fellow, American Association for the Advancement of Science  
2003-2005 Editorial Advisory Board, *Journal of the American Chemical Society*  
2005 Invited Lecturer, National Organic Symposium  
2008 Frank H. Westheimer Prize Medal, Harvard University  
2010 A.C.S. Chemical Biology Prize & Prize Lecture (inaugural recipient)  
2010 Alexander M. Cruickshank Prize  
2010 Elected Fellow, American Academy of Arts & Sciences  
2010 Elected Fellow, American Chemical Society  
2012 A.C.S. Ronald Breslow Award for Achievement in Biomimetic Chemistry  
2014 Elected Member, National Academy of Sciences  
2015 Elected Member, Connecticut Academy of Science and Engineering  
2015 Wheland Prize Medal, University of Chicago  
2016 Editor-in-Chief, *Biochemistry*  
2017 Sterling Professor, Yale University  
2018 Inspiring Yale Award, Yale University  
2018 Journal Rejuvenation Award, A.C.S. Publications

*University of California, Berkeley*

- 2019-present T. Z. and Irmgard Chu Distinguished Chair in Chemistry  
2020 A.C.S. Ralph F. Hirschmann Award in Peptide Chemistry  
2020 Streck Award in Chemical Biology, University of Nebraska-Lincoln

2021	Vincent du Vigneaud Award, American Peptide Society
2021	Mertes Award, University of Kansas
2022	Chan Zuckerberg Biohub-San Francisco Investigator
2022-2023	Miller Institute Faculty Fellow
2023	ARC Institute Innovation Investigator
2024	Division of Chemical Toxicology Lecturer
2025	Max Tischler Award, Tufts University

### **Selected Professional Activities**

#### *Yale University*

1995-1996	Member, Organizing Committee, Symposium on the Frontiers of Science
1995-1996	Co-organizer, Symposium on the Chemistry of Gene Regulation, Biological Chemistry Division, American Chemical Society
1995-1998	Member, N.I.H. Study Section on Bioorganic and Natural Products Chemistry
1998-2000	Chair, N.I.H. Study Section on Bioorganic and Natural Products Chemistry
2000	Invited Participant, Presidents Workshop on Gender Equity in Academic Science, MIT
2003-2010	Executive Board, Yale University Center for Genomics and Proteomics
2003-2010	Co-Director, Yale University Center for Chemical Genomics
2008	Advisory Board, Faculty of 1000 Medicine Reports
2009	Co-organizer, Symposium on Seeing Inside Cells, Biological Chemistry Division, American Chemical Society
2008-2013	Member, Searle Scholars Advisory Board Committee
2009-2011	Chair, Yale Chemical Biology Institute Advisory Committee
2010-2013	Chair, Searle Scholars Advisory Board
2010-2019	Member, Yale Comprehensive Cancer Center
2015	Member, Harvard FAS Life Sciences Review Committee
2015-2016	Selection Committee, Wolf Foundation Prize in Chemistry
2016	Member, Princeton Academic Review Committee (Department of Chemistry)
2016-2020	Member, PacifiChem Advisory Board
2017	Member, Harvard Academic Review Committee (Department of Chemistry and Chemical Biology)
2017-2022	Member, Max Planck Institute Scientific Advisory Board
2017	Member, National Academy of Sciences Award in Chemical Sciences Selection Committee
2018	Chair, National Academy of Sciences Award in Chemical Sciences Selection Committee

#### *University of California, Berkeley*

2019	Member, National Academy of Sciences Class Membership Committee
2022-present	Member, Planning Committee, Department of Chemistry, UC Berkeley
2024-2025	HHMI Scientific Advisory Board

2024-2030 Elected Councilor, American Peptide Society  
2026-present HHMI Medical Advisory Board

### Editorial Activities

1994-2016 Editorial Board, *Chemistry & Biology*  
1997-1998 Co-Editor, Interactions, Assembly and Processing, *Current Opinion Chemical Biology*  
1997-present Editorial Board, *Current Opinion in Chemical Biology*  
2005-2016 Associate Editor, *Journal of the American Chemical Society*  
2012 Co-Editor, Molecular Imaging, *Current Opinion Chemical Biology*  
2013 Co-Editor, Supramolecular Chemistry, *Israel Journal of Chemistry*  
2016-present Editorial Board, *Cell Chemical Biology*  
2016-present Editor-in-Chief, *Biochemistry*  
2019-2024 Editorial Committee, *Annual Review of Biochemistry*

### Selected Distinguished Lectures (since 2001)

2001 4<sup>th</sup> Lausanne Conference on Bioorganic Chemistry, University of Lausanne  
Gordon Conference on Natural Products  
National Foundation for Cancer Research Conference: Data for a Cure  
2002 Isis Lecture, University of California – San Diego  
Symposium Speaker, 224<sup>th</sup> A.C.S. National Meeting  
Symposium Speaker, 225<sup>th</sup> A.C.S. National Meeting  
2003 Student Invited Seminar, Department of Chemistry, University of Utah  
Bader Award Symposium, 226<sup>th</sup> A.C.S. National Meeting  
Biophysics Symposium, Yale University  
Breslow Award Symposium, 227<sup>th</sup> A.C.S. National Meeting  
2004 Gordon Research Conference on Peptides  
Aventis Frontiers of Medicine Symposium  
Proteins: Folding, De novo Design and Interactions Symposium  
2005 Bristol Myers Squibb Lecture, University of California-Irvine  
National Organic Chemistry Symposium  
2006 Student Invited Lecture, Harvard University  
Bioorganic Gordon Conference  
Linus Pauling Award Symposium  
2008 Chemistry as a Life Science XIV  
Life Sciences Institute Chemical Biology Symposium  
Chemical Insights into Biological Processes Symposium, NCI  
22<sup>nd</sup> Annual Symposium of the Protein Society  
Novartis Lecture, University of Illinois at Urbana-Champaign  
The Frank H. Westheimer Prize Lecture, Harvard University  
2009 Naff Symposium, University of Kentucky

- Chemical Synthetic Biology Symposium, 236<sup>th</sup> A.C.S. National Meeting  
 Seeing Inside Cells Symposium, 237<sup>th</sup> A.C.S. National Meeting  
 Rosenfeld Lecture, Smith College
- 2010**  
 Foldamers Symposium: From Design to Protein Recognition  
 A.C.S. Chemical Biology Prize Lecture, 239<sup>th</sup> A.C.S. National Meeting  
 Distinguished Women in Science Colloquia Series, Stanford University  
 Alexander M. Cruickshank Prize Lecture, Gordon Research Conference on Biopolymers
- 2011**  
 Chemistry of the Cell Symposium, Royal Society of Chemistry  
 Lorne Conference on Protein Structure and Function, Melbourne, Australia  
 Symposium Speaker, 240<sup>th</sup> A.C.S. National Meeting  
 Peptide-Based Drug Delivery, Drug Discovery, and Biomaterials, ASBMB  
 46<sup>th</sup> Eucem Conference on Stereochemistry (Bürgenstock)  
 Gordon Research Conference on Proteins  
 3eme Cycle Lecture Tour, Swiss National Science Foundation
- 2012**  
 Student Invited Lecture, Princeton University  
 Ronald Breslow Award for Achievement in Biomimetic Chemistry Lecture, Symposium in Honor of Alanna Schepartz, 243<sup>rd</sup> A.C.S. National Meeting  
 Current Views on Secondary Structure, 243<sup>rd</sup> A.C.S. National Meeting  
 Student Invited Lecture, Division of Chemistry & Chemical Engineering, Caltech  
 Student Invited Lecture, Department of Biology, Pittsburgh University  
 The 26<sup>th</sup> Annual Symposium of The Protein Society  
 Chemical Biology 2012, EMBO Conference Series  
 Dreyfus Foundation Teacher-Scholar Symposium
- 2013**  
 Novartis Lecturer, University of Pennsylvania  
 Bristol-Myers Squibb Lecturer, The Scripps Research Institute  
 Chemical Biology Discussion Year-End Symposium, Keynote Speaker, NYAS  
 3<sup>rd</sup> Frontiers Between Chemistry and Biology Symposium, Peking University  
 Morningside Lecturer in Chemical Biology, University of Hong Kong  
 Plenary Lecture, 11<sup>th</sup> International Conference on Advancing the Chemical Sciences, Boston, MA
- 2014**  
 Student Invited Lecture, The Johns Hopkins University School of Medicine  
 Keynote Speaker, Harvard Chemical Biology Retreat  
 Keynote Speaker, Graduate Research Symposium, University of California, Irvine  
 The Vollum Institute, Oregon Health & Science University  
 Chemistry: Biology Interface Armenise Symposium, Harvard Medical School
- 2015**  
 Women in Science at Columbia, Columbia University  
 National Academy of Sciences, Washington D.C.  
 15<sup>th</sup> Annual CMD Symposium, Boston University  
 Novartis Chemical Sciences Lecturer, University of California, Berkeley  
 Wheland Award Lectures, University of Chicago  
 Sanders Tri-Institutional Chemical Biology Lecture, Memorial Sloan Kettering
- 2016**  
 International Symposium on Chemical Biology, Geneva  
 Symposium Speaker, 251<sup>st</sup> A.C.S. National Meeting, San Diego, CA  
 Wageningen Symposium on Organic Chemistry Lecture, The Netherlands

- 2017 Taft Lecture, University of California-Irvine  
 Symposium Speaker, 253<sup>rd</sup> A.C.S. National Meeting, San Francisco, CA  
 Baker Symposium, Cornell University  
 Bioorganic Chemistry Gordon Conference, Proctor Academy, NH  
 Plenary Lecture, XXXVI Biennial Meeting of the Spanish Royal Society of Chemistry, Barcelona  
 Enzymes, Coenzymes & Metabolic Pathways Gordon Conference, Waterville Valley, NH  
 Synthetic Biology Gordon Conference, Stoweflake Conference Center, VT  
 Keynote Speaker, International Conference on Chemical Biology & Physiology, Oregon Health & Science University
- 2018 Novartis Symposium, Boston College  
 Sigma Aldrich Lecture, Duke University  
 University of North Carolina, Chapel Hill  
 Structural and Quantitative Biology Lecture, UC Berkeley  
 A.C.S. Publications Symposium on Bio-Chem-Med (Beijing)  
 TSRI Distinguished Lecture, Scripps Research Institute (LaJolla)  
 Invited lecturer, University of North Carolina  
 Frontiers in Biochemistry Lecture, Stanford University  
 Plenary lecturer, EMBO Workshop: Enzymes, Biocatalysis and Chemical Biology: The new frontiers, Pavia, Italy  
 EMBL Conference on Labeling & Nanoscopy, Heidelberg
- 2019 Chemical Biology Symposium, Ben-Gurion University of the Negev, Israel  
 R. Bryan Miller Symposium, U.C. Davis  
 Institute of Chemical Biology Lecture, Vanderbilt University  
 Friedman Lecture, CUNY  
 PSCNE Speaker, Cambridge, MA  
 Invited Lecturer, Duke University
- 2020 Invited Speaker, Inception Sciences, San Diego, CA  
 Invited Lecturer, Johns Hopkins, Baltimore, MD  
 Guthikonda Lecturer, Stanford University, Stanford, CA  
 Invited Lecturer, University of Wisconsin, Madison (postponed)  
 Frontiers in Chemical Research Lectures, Texas A&M (postponed)  
 Distinguished Lecture Series, Scripps Research Institute, Jupiter, FL (postponed)  
 B&B (RSC) Symposium, Edinburgh, UK (postponed)  
 Molecular Biology Institute Lecturer, UCLA (postponed)  
 Tetrahedron Prize Symposium Speaker, 260<sup>th</sup> A.C.S. National Meeting (postponed)  
 2020 Streck Awardee in Chemical Biology, University of Nebraska (postponed)  
 15<sup>th</sup> Annual Peptide Therapeutics Symposium Speaker, La Jolla, CA  
 UCSF-UCB Andrew Braisted Award Lecture, San Francisco, CA (postponed)  
 International Chemical Congress of Pacific Basin Societies, Advancing Frontiers in Peptide and Protein Science with Nano-to-Macro Molecular Solutions Symposium, Honolulu, Hawaii (postponed)  
 NSF-DOE Symposium, Frontiers of Chemical Science

**2021** Invited Lecturer, University of Washington  
Sidney Archer Lecturer, Rensselaer Polytechnic Institute, NY  
Friedman Lecturer, CUNY  
QBI/PKU Symposium on Chemical Biology, San Francisco, CA  
The 18th Annual Advanced Imaging Methods Workshop, Virtual  
Univ. of Minnesota (Build a Cell seminar), Virtual  
Université de Montréal, Virtual  
A.C.S. Hirshmann Award Talk, Virtual  
2020 Guthikonda Lectureship, Stanford University, Virtual  
RSC Chemical Biology Symposium, Virtual  
Chem Bio Training Program, University of Illinois at North Carolina, Virtual  
Canadian Peptide Society Virtual Symposium, Virtual  
EWOC Conference, Virtual  
UCLA Seaborg Symposium honoring Carolyn Bertozzi, Los Angeles, CA  
UCSF-UCB Andrew Braisted Award Lecture, San Francisco, CA  
University of Pittsburgh, First Pennsylvania Chemical Biology Symposium,  
Virtual

**2022** Peptide Gordon Research Conference, Ventura, CA  
A.C.S. Graduate Student Symposium, San Diego, CA  
10<sup>th</sup> anniversary of the CiQUS research center, Spain  
Mertes Lecture Award, University of Kansas, Lawrence, Kansas  
2020 Streck Awardee in Chemical Biology, University of Nebraska  
University of Arizona, Tucson, Arizona  
27<sup>th</sup> American Peptide Symposium, Whistler, Canada  
11<sup>th</sup> Peptoid Summit, Virtual  
Bay Area-Peking University Chem Bio Symposium, Berkeley, CA  
Peptide Gordon Research Conference, Oxnard, CA  
GCE4All Webinar, Virtual

**2023** 34<sup>th</sup> Annual Frontiers in Chemistry Symposium  
University of Minnesota, Minneapolis, Minnesota  
Bioorganic Chemistry, Gordon Research Conference, Andover, NH  
Molecular Membrane Biology Gordon Research Conference, Andover, NH  
Stork Lecture, Columbia University, New York, NY  
Harvard Medical School, Boston, MA  
20th Anniversary of ISIS, Strasbourg, France  
TIDES, San Diego, CA  
Sarafan ChEM-H CBI retreat, Stanford, CA

**2024** 2023-2024 GCE Webinar, Zoom  
HHMI Chemical Tools for Complex Biological Systems III Conference  
Chemical Biology: from Molecules to Medicine Symposium, Copenhagen  
5<sup>th</sup> Foldamer Workshop, New York, NY  
Genetic Code Expansion (GCE) Conference, Corvallis, OR  
Chemical Toxicology (TOXI) Division, A.C.S. Meeting, Denver, CO  
Hammes Symposium, 268<sup>th</sup> A.C.S. National Meeting, Denver, CO  
2024 Bay Area Chemical Biology Symposium, Palo Alto, CA

2024 Bay Area Chemistry Symposium, San Francisco, CA  
ARC Institute Investigator Talk, Palo Alto, CA

**2025** 25<sup>th</sup> Anniversary of the Miller Symposium, UC Davis, Davis, CA  
Pioneers in Genomic Biology Lectureship, University of Illinois,  
Urbana-Champaign, IL  
Honoring Peter B. Dervan Symposium, 269<sup>th</sup> A.C.S. National Meeting, San Diego  
Ronald Breslow Award Symposium, 269<sup>th</sup> A.C.S. Meeting, San Diego, CA  
Frontiers Lectures, TAMU, College Station, TX  
Arnold O. Beckman Lecture, Caltech, Pasadena, CA  
2025 Annual Protein Society Meeting, San Francisco, CA  
Natural Products & Bioactive Cmpds, Gordon Research Conference, Andover,  
Hammes Symposium, 270<sup>th</sup> A.C.S. National Meeting, Washington, DC  
Max Tischler Award Lecture, Tufts University  
Invited Speaker, PacifiChem, Honolulu, HI

**2026** Invited Speaker, Biophysical Society Annual Meeting  
Ronald Breslow Award Symposium, 270<sup>th</sup> A.C.S. Meeting, Atlanta, GA  
Invited Speaker, Merck (Rahway Site)  
Invited Speaker, Denali Therapeutics, South San Francisco, CA  
Keynote Speaker, Gordon Research Symposium on Bioorganic Chemistry,  
Andover, NH  
Invited Speaker, Gordon Research Conference on Bioorganic Chemistry,  
Andover, NH  
2026 Myron & Muriel Bender Distinguished Lecture, Northwestern University  
Invited Speaker, 7<sup>th</sup> Protein Folding on the Ribosome Meeting, Cleveland, OH  
Keynote Speaker, NY Academy of Sciences, Chemical Biology Year-End  
Conference, NY