**CURRICULUM VITAE**

**Name:** Joan W. Conaway, Ph.D.

**Born:** May 8, 1956

New York, New York

**Address:** University of Texas Southwestern Medical Center

5323 Harry Hines Boulevard

Dallas, Texas 75390

Tel: 816-588-7343

joan.conaway@utsouthwestern.edu

**Education:**

1974-1978 A.B., Bryn Mawr College, in Chemistry and in Biology with honors from Haverford College

1979-1987 Ph.D., in Cell Biology, Stanford University School of Medicine, with Dr. Roger Kornberg

**Post-Graduate Training:**

1987-1988 DNAX Institute Research Fellow, DNAX Research Institute of Molecular and Cellular Biology, Palo Alto, CA.

**Professional Appointments:**

2021- Vice Provost & Dean for Basic Research, UT Southwestern Medical Center

2021- Professor, Department of Molecular Biology, UT Southwestern Medical Center

2001-2021 Investigator, Stowers Institute for Medical Research

2001-2021 Professor (Affiliate), Department of Biochemistry and Molecular Biology, University of Kansas Medical Center

2000 Interim Head, Program in Molecular and Cell Biology, Oklahoma Medical Research Foundation

1998-2006 Adjunct Professor, Department of Biochemistry and Molecular Biology, University of Oklahoma Health Sciences Center

1997-2001 Associate Investigator, Howard Hughes Medical Institute

1996-2001 Member, Program in Molecular and Cell Biology, Oklahoma Medical Research Foundation, Oklahoma City, OK.

1993-1996 Associate Member, Program in Molecular and Cell Biology, Oklahoma Medical Research Foundation, Oklahoma City, OK.

1991-1998 Adjunct Assistant Professor, Department of Biochemistry and Molecular Biology, University of Oklahoma Health Sciences Center

1989-1993 Assistant Member, Program in Molecular and Cell Biology, Oklahoma Medical Research Foundation, Oklahoma City, OK.

1988-1989 Research Associate and Lecturer, Clayton Foundation Biochemical Institute, Department of Chemistry, University of Texas, Austin, TX.

**Honors:**

1991 Edward L. and Thelma Gaylord Award for Scientific Excellence

1997 ASBMB-Amgen Award

2001 Burroughs-Wellcome Visiting Professorship, Saint Louis University School of Medicine

2002 Fellow, American Academy of Arts and Sciences

2005 Helen Nelson Distinguished Chair

2019 The University of Kansas Cancer Center Director’s Award for Basic Research

2020 National Academy of Sciences

2021 Cecil H. Green Distinguished Chair in Cellular and Molecular Biology

2024 Fellow, American Society for Biochemistry and Molecular Biology

**Advisory Boards**

Chair, External Advisory Board, City of Hope Irell & Manella Graduate School of Biological Sciences, Duarte, CA, January 2022-

External Advisory Board, City of Hope Irell & Manella Graduate School of Biological Sciences, Duarte, CA, January 2020-

Chair, Scientific Advisory Board, Institute for Genetics and Molecular and Cellular Biology (IGBMC), Strasbourg, France, January 2016 – December 2019

Scientific Advisory Board, Institute for Genetics and Molecular and Cellular Biology (IGBMC), Strasbourg, France, September 2010 –

Chairperson, Board of Scientific Counselors - Basic Science, National Cancer Institute, Bethesda, MD, September 2011 - July 2015

Board of Scientific Counselors - Basic Science, National Cancer Institute, Bethesda, MD, September 2010 - July 2015

# Editorial Boards and Review Committees

Editorial Committee, *Annual Review of Biochemistry*, January 2007 – March 2021

Associate Editor, *Journal of Biological Chemistry*, September 1999 - February 2014

Member, NIH Molecular Biology Study Section, February 1994 - June 1998

Ad Hoc Member, NIH Molecular Biology Study Section, February 1993

Editorial Board Member, *Journal of Biological Chemistry*, July 1993 - July 1998

**Other Professional Activities:**

President, American Society of Biochemistry and Molecular Biology, July 2024 – June 2026

President Elect, American Society of Biochemistry and Molecular Biology, July 2023 – June 2024.

Treasurer, American Society of Biochemistry and Molecular Biology, 2019 – 2023.

Member, Finance Committee, American Society of Biochemistry and Molecular Biology, 2016 – 2025.

Co-organizer, Chromatin and Gene Regulation Theme, 2016 National Meeting of the American Society for Biochemistry and Molecular Biology.

Co-chairperson, Intramural Long-Term Planning Committee, National Cancer Institute, 2014

American Society for Biochemistry and Molecular Biology Meetings Committee, 2002-2004; 2006-2009 (*co-chair, small meetings subcommittee*); 2009-2012 (*committee chair*).

Co-chair, Program Committee for the 2009 National Meeting of the American Society for Biochemistry and Molecular Biology.

Programming Consultant, 2006 Keystone Symposia Series

Co-organizer, 2005 and 2007 Cold Spring Harbor Ubiquitin Family Meeting

Council, American Society of Biochemistry and Molecular Biology, July 2004-July 2007.

Co-organizer, 2003 and 2005 Cold Spring Harbor Meeting on Mechanisms of Eukaryotic Transcription.

Co-Chair, Program Committee for the 2002 National Meeting of the American Society for Biochemistry and Molecular Biology, New Orleans, LA.

Co-organizer, 2001 Keystone Symposium “Mechanisms of Eukaryotic Transcriptional Regulation.”

Member, Program Committee for the 2001 National Meeting of the American Society for Biochemistry and Molecular Biology, Orlando, FL.

Co-organizer, 1999 ASBMB Fall Symposium “Mechanism and Regulation of Transcription by RNA Polymerase II”

Member, Nominations Committee, American Society for Biochemistry and Molecular Biology, 1999-2002

Chair, Selection Committee, FASEB Excellence in Science Award, 2001

Member, Selection Committee, FASEB Excellence in Science Award, 1998 - 2000

Session chair, 1996 Gordon Conference on Molecular Genetics

Session chair, 1993 Gordon Conference on Nucleic Acids

Co-organizer, 1992 Keystone Symposium "Fundamental Mechanisms of Transcription"

Session chair, 1992 Gordon Conference on Nuclear Proteins, Chromatin Structure, and Gene Expression

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51. Chen, L., Ooi, S.K., Conaway, R.C., Conaway, J.W. (2014) Generation and Purification of Human INO80 Chromatin Remodeling Complexes and Subcomplexes. J. Vis. Exp., Oct 23.
52. Chen, L., Ooi, S.K., Conaway, J.W., Conaway, R.C. (2014) Biochemical Assays for Analyzing Activities of ATP-dependent Chromatin Remodeling Enzymes. J. Vis. Exp., Oct 25.
53. Wang, L., Limbo, O., Fei, J., Chen, L., Kim, B., Luo, J., Chong, J., Conaway, R.C., Conaway, J.W., Ranish, J.A., Kadonaga, J.T., Russell, P., Wang, D. (2014) Regulation of the RHp26ERCC6/CSB chromatin remodeler by a novel conserved leucine latch motif. Proc. Natl. Acad. Sci., USA 111, 18566-18571.
54. Sardiu, M.E., Gilmore, J.M., Groppe, B.D., Herman, D., Ramisetty, S.R., Cai, Y., Jin, J., Conaway, R.C., Conaway, J.W., Florens, L., Washburn, M.P. (2015) Conserved abundance and topological features in chromatin-remodeling protein interaction networks. EMBO Rep. 16, 116-126.
55. Takahashi, H., Takigawa, I., Watanabe, M., Anwar, D., Shibata, M., Tomomori-Sato, C., Sato, S., Ranjan, A., Seidel, C.W., Tsukiyama, T., Mizushima, W., Hayashi, M., Ohkawa, Y., Conaway, J.W., Conaway, R.C., Hatakeyama. S. (2015) MED26 regulates the transcription of snRNA genes through the recruitment of little elongation complex. Nat Commun. 6, 5941.
56. Conaway, R.C., Conaway, J.W. (2015) Orchestrating transcription with the pol II CTD. Nat Rev Mol Cell Biol. 16, 128.

1. Weems, J., Slaughter, B.D., Unruh, J.R., Hall, S.M., McLaird, M.B., Gilmore, J.M., Washburn, M.P., Florens, L., Yasukawa, T., Aso, T., Conaway, J.W., Conaway, R.C. (2015) Assembly of the Elongin A ubiquitin ligase is regulated by genotoxic and other stresses. J. Biol Chem. 290, 15030-15041.
2. Masuda, Y., Takahashi, H., Sato, S., Tomomori-Sato, C., Saraf, A., Washburn, M.P., Florens, L., Conaway, R.C., Conaway, J.W., and Hatekeyama, S. (2015) TRIM29 regulates the assembly of DNA repair proteins into damaged chromatin. Nat. Commun. 6, 7299. doi: 10.1038/ncomms8299.
3. Boeing, S., Williamson, L., Encheva, V., Gori, I., Saunders, R.E., Instrell, R., Aygun, O., Rodriguez-Martinez, M., Weems, J.C., Kelly, G.P., Conaway, J.W., Conaway, R.C., Stewart, A., Howell, M., Snijders, A.P., Svejstrup, J.Q. (2016) Multiomic analysis of the UV-induced DNA damage response. Cell Reports May 11. pii: S2211-1247(16)30474-0. doi: 10.1016/j.celrep.2016.04.047.
4. Sato, S., Tomomori-Sato, C., Tsai, K.L., Yu, X., Sardiu, M., Saraf, A., Washburn, M.P., Florens, L., Asturias, F.J., Conaway, R.C., Conaway, J.W. (2016) Role for the MED21-MED7 hinge in assembly of the Mediator-RNA polymerase II holoenzyme. J. Biol. Chem. 291: 26886-26898. doi: 10.1074/jbc.M116.756098.
5. Tsai, K.L., Yu, X., Gopalan, S., Zhang, Y., Florens, L., Washburn, M.P., Murakami, K., Conaway, R.C., Conaway, J.W., Asturias, F.J. (2017) Mediator structure and rearrangements required for preinitiation complex stabilization. Nature 544, 196-201. doi: 10.1038/nature21393.
6. Weems, J.C., Slaughter, B.D., Unruh, J.R., Boeing, S., Hall, S.M., McLaird, M.B., Yasukawa, T., Aso, T., Svejstrup, J.Q., Conaway, J.W., Conaway, R.C. (2017) Cockayne Syndrome B Protein Regulates Recruitment of the Elongin A Ubiquitin Ligase to Sites of DNA Damage. J. Biol Chem. 292, 6431-6437. doi: 10.1074/jbc.C117.777946.
7. Wu, D.L., Zhao, L.H., Feng, Z.T., Yu, C., Ding, J., Wang, L.Y., Wang, F., Liu, D., Zhu, H.H., Xing, F.Y., Conaway, J.W., Conaway, R.C., Cai, Y., Jin, J.J. (2017) O-linked N-acetylglucosamine transferase 1 regulates global histone H4 acetylation via stabilization of the non-specific lethal protein NSL3. J Biol Chem. 292, 10014-10025. doi: 10.1074/jbc.M117.781401.
8. Gopalan, S., Gibbon, D.M., Banks, C.A.S., Zhang, Y., Florens, L.A., Washburn, M.P., Dabas, P., Sharma, N., Seidel, C.W., Conaway, R.C., Conaway, J.W. (2018) Schizosaccharomyces pombe Pol II transcription elongation factor ELL functions as part of a rudimentary super elongation complex. Nucleic Acids Res. doi: 10.1093/nar/gky713. [Epub ahead of print]
9. Noe Gonzalez, M., Sato, S., Tomomori-Sato, C., Conaway, J.W., Conaway, R.C. (2018) CTD-dependent and -independent mechanisms govern co-transcriptional capping of Pol II transcripts. Nat. Commun. 9:3392. doi: 10.1038/s41467-018-05923-w.
10. Noe Gonzalez, M., Conaway, R.C., Conaway, J.W. (2018) Frozen in transcription: Cryo-EM structures of Pol II transcribing through a nucleosome. Mol Cell. 72, 802-804. doi: 10.1016/j.molcel.2018.11.027.
11. Noe Gonzalez, M., Conaway, J.W., Conaway, R.C. (2019) Artificial RNA polymerase II elongation complexes for dissecting co-transcriptional RNA processing events. J. Vis. Exp., [doi: 10.3791/59497](http://dx.doi.org/10.3791/59497)**.**
12. Weems, J.C., Unruh, J.R., Slaughter, B.D., Conaway, R.C., and Conaway, J.W. (2019) Imaging-based assays for investigating functions of the RNA polymerase II elongation factor Elongin and the Elongin ubiquitin ligase. Methods, pii: S1046-2023(18)30290-1. doi: 10.1016/j.ymeth.2019.02.015. [Epub ahead of print]
13. Tettey, T.T., Gao, X., Shao, W., Li, H., Story, B.A., Chitsazan, A.D., Glaser, R.L., Goode, Z.H., Seidel, C.W., Conaway, R.C., Zeitlinger, J., Blanchette, M., Conaway, J.W. (2019) A role for FACT in RNA polymerase II promoter proximal pausing. Cell Reports, 27, 3770-3779.e7 doi: 10.1016/j.celrep.2019.05.099.
14. Takahashi, H.\*, Ranjan, A., Chen, S., Suzuki, H., Shibata, M., Hirose, T., Hirose, H., Sasaki, K., Abe, R., Chen, K., He, Y., Zhang, Y., Takigawa, I., Tsukiyama, T., Watanabe, M., Fujii, S., Iida, M., Yamamoto, J., Yamaguchi, Y., Suzuki, Y., Matsumoto, M., Nakayama, K.I., Washburn, M.P., Saraf, A., Florens, L., Sato, S., Tomomori-Sato, C., Conaway R.C., Conaway, J.W.\*, Hatakeyama, S.\* (2020) The role of Mediator and Little Elongation Complex in transcription termination. Nature Communications. 11:1063. doi: 10.1038/s41467-020-14849-1 (\*co-corresponding authors)
15. Singh, N.P., De Kumar, B., Paulson, A., Parrish, M.E., Zhang, Y., Florens, L., Conaway, J.W., Si, K., Krumlauf, R. (2020) A six-amino-acid motif is a major determinant in functional evolution of HOX1 proteins. Genes Dev. 34, 1680-1696. doi: 10.1101/gad.342329.120. Epub 2020 Nov 12.
16. Yasukawa, T., Tsutsui, A., Tomomori-Sato, C., Sato, S., Saraf, A., Washburn, M.P., Florens, L., Terada, T., Shimizu, K., Conaway, R.C., Conaway, J.W., Aso, T. (2020) NRBP1-containing CRL2/CRL4A regulates amyloid β production by targeting BRI2 and BRI3 for degradation. Cell Rep. 30, 3478-349.e.6. doi: 10.1016/j.celrep.2020.02.059
17. Tufegdžić Vidaković, A., Mitter, R., Kelly, G.P., Neumann, M., Harreman, M., Rodríguez-Martínez, M., Herlihy, A., Weems, J.C., Boeing, S., Encheva, V., Gaul, L., Milligan, L., Tollervey, D., Conaway, R.C., Conaway, J.W., Snijders, A.P., Stewart, A., Svejstrup, J.Q. (2020) Regulation of the RNAPII pool is integral to the DNA damage response. Cell 180, 1245-1261.e21. doi: 10.1016/j.cell.2020.02.009.
18. Weems, J.C., Slaughter, B.D., Unruh, J.R., Weaver, K.J., Miller, B.D., Delventhal, K.M., Conaway, J.W., Conaway, R.C. (2021) A role for the Cockayne Syndrome B (CSB)-Elongin ubiquitin ligase complex in signal-dependent RNA polymerase II transcription. J. Biol. Chem. 297, 100862, doi: 10.1016/j.jbc.2021.100862.
19. Ooi, S.K., Sato, S., Tomomori-Sato, C., Zhang, Y., Wen, Z., Banks, C.A.S., Washburn, M.P., Unruh, J.R., Florens, L., Conaway, R.C., Conaway, J.W. (2021) Multiple roles for PARP1 in ALC1-dependent nucleosome remodeling. Proc. Natl. Acad. Sci. U.S.A., 118: e2108751118. doi: 10.1073/pnas.2108751118.
20. Conkright-Fincham, J., Tomomori-Sato, C., McGhee, R., Leslie, E.M., Beucher, C.J., Weems, L.E., Parmely, T.J., Zhao, C., Wang, Y., Conaway, J.W., Unruh, J.R. (2022) A high- throughput automated ELISA assay for detection of IgG antibodies to the SARs- CoV-2 spike protein. Bio. Protoc. 12, e4301. doi: 10.21769/BioProtoc.4301.
21. Krishnan, J., Seidel, C.W., Zhang, N., Singh, N.P., VanCampen, J., Peuβ, R., Xiong, S., Kenzior, A., Li, H., Conaway, J.W., Rohner, N. (2022) Genome-wide analysis of cis-regulatory changes underlying metabolic adaptation of cavefish. Nat Genet. 54, 684-693. doi: 10.1038/s41588-022-01049-4.
22. Suzuki, R., Abe, R., Shimada, M., Hirose, T., Noguchi, K., Ike, Y., Yasui, N., Furugori, K., Yamaguchi, Y., Toyoda, A., Suzuki, Y., Yamamoto, T., Saitoh, N., Sato, S., Tomomori-Sato, C., Conaway, R.C., Conaway, J.W., Takahashi, H. (2022) The 3’ pausing at replication-dependent histone genes is regulated by Mediator through Cajal bodies’ association with histone locus bodies. Nat Commun. 13, 2905. doi: 10.1038/s41467-022-30632-w.
23. Herlihy, A.E, Boeing, S., Weems, J.C., Walker, J., Dirac-Svejstrup, A.B., Lehner, M.H., Conaway, R.C., Conaway, J.W., and Svejstrup, J.Q. (2022) UBAP2/UBAP2L regulate UV-induced ubiquitylation of RNA polymerase II and are the human orthologues of yeast Def1. DNA Repair (Amst). 115, 103343. doi: 10.1016/j.dnarep.2022.103343.

**Invited Presentations**

*Meetings*

1990 Invited speaker, Gordon Conference on Nuclear Proteins, Gene Regulation, and Chromatin Structure, Tilton, New Hampshire.

1993 Invited speaker, Second Annual Austin Spring Meeting, "The Transcription Machine: Assembly and Function," Austin, Texas.

1993 Invited speaker, Gordon Conference on Nucleic Acids, New Hampton, New Hampshire.

1994 Invited speaker, Keystone Symposium on "Basic Aspects of Transcription," Keystone, Colorado.

1995 Invited speaker, Gordon Conference on Nucleic Acids, New Hampton, New Hampshire.

1995 Special Lecturer, 10th Asagiri Symposium, Asagiri, Japan.

1996 Invited speaker, Keystone Symposium on Transcription, Taos, New Mexico.

1996 Invited speaker, 1996 Gordon Conference on Molecular Genetics, Newport, Rhode Island

1996 Invited speaker, FASEB Meeting on Transcription, Snowmass, Colorado

1997 Invited speaker, Cold Spring Harbor Meeting on "Mechanisms of Eukaryotic Transcription," Cold Spring Harbor Laboratories, Cold Spring Harbor, New York.

1997 Invited speaker, Symposium on Basic Mechanisms of Transcription Initiation, Elongation, and Termination, 17th International Congress of Biochemistry and Molecular Biology and 1997 Annual Meeting of the American Society for Biochemistry and Molecular Biology, San Francisco, California.

1997 Invited speaker, American Association for Cancer Research Special Conference on Transcriptional Control of Proliferation, Differentiation, and Development, Bolton's Landing, New York

1997 Invited speaker, American Society for Nephrology Symposium on RNA Processing, San Antonio, Texas

1998 Invited speaker, Keystone Symposium on Transcriptional Mechanisms, Taos, New Mexico.

1998 Invited speaker, Ben May Cancer Biology Symposium, "Regulation of Gene Expression and Profileration", Chicago, Illinois

1998 Invited speaker, 63rd Cold Spring Harbor Symposium on Quantitative Biology, "Mechanisms of Transcription", Cold Spring Harbor, New York

1998 Invited speaker, FASEB Summer Research Conference on "Transcriptional Regulation during Cell Growth, Differentiation and Development", Snowmass Colorado.

1998 Invited speaker, EMBL Transcription Meeting, Heidelberg, Germany.

1999 Invited speaker, Keystone Symposium on the Molecular Basis of Cancer

1999 Invited speaker, Sixth Cold Spring Harbor Meeting on Mechanisms of Eukaryotic Transcription, Cold Spring Harbor, New York

1999 Invited speaker, Jaques Monod Conference on Transcription and Development, Roscoff, France.

2000 Invited Speaker, FASEB Summer Research Conference on "Transcriptional Regulation during Cell Growth, Differentiation and Development", Snowmass Colorado.

2000 Invited Speaker, Molecular Genetics Gordon Conference, Connecticut College, New London, CT.

1. Invited speaker, Keystone Symposium on the Molecular Basis of Cancer
2. Invited speaker, Keystone Symposium on Transcription Mechanisms, Santa Fe, NM
3. Invited speaker, Seventh Cold Spring Harbor Meeting on Mechanisms of Eukaryotic Transcription, Cold Spring Harbor, NY

2002 Invited speaker, FASEB Summer Research Conference on “Transcriptional Regulation during Cell Growth, Differentiation, and Development”, Saxton’s River, VT

2003 Invited speaker, Keystone Symposium on the Enzymology of Chromatin and Transcription, Santa Fe, NM

2003 Invited speaker, NIDDK workshop on “Ubiquitin and Ubiquitin-like Modifications in Health and Disease. National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD.

2004 Invited speaker, Workshop on “Ubiquitin in Cancer and in Chronic Diseases.” The Hebrew University of Jerusalem and the Institute for Advanced Studies, Giv’at Ram, Jerusalem.

2004 Lecturer on “Regulation of Transcription Initiation and Elongation,” 2004-2007 Cold Spring Harbor Gene Expression Course, Cold Spring Harbor Laboratory.

2004 Invited speaker, FASEB Summer Research Conference on “Transcriptional Regulation During Cell Growth, Differentiation, and Development,” Saxton’s River, VT.

2004 Invited speaker, 6th EMBL Transcription Meeting, Heidelberg, Germany.

2004 Invited speaker, 130th Nobel Symposium (Chemistry) on “Molecular Mechanisms in Biological Systems,” Tällberg, Dalarna, Sweden.

2004 Keynote speaker, ASBMB Fall Symposium on “Transcriptional Regulation by Chromatin and RNA Polymerase II,” Granlibakken, Lake Tahoe, CA.

2005 Invited speaker and Discussion Leader, Nucleic Acids Gordon Conference, Newport, R. I.

2005 Plenary speaker, 7th International Symposium on Mass Spectrometry in the Health and Life Sciences

2006 Invited speaker, Keystone Symposium on “Nucleic Acid Enzymes,” Taos, NM

2006 Invited speaker, Keystone Symposium on “Regulation of Eukaryotic Transcription: From Chromatin to mRNA,” Taos, NM

2006 Plenary speaker, Midwest Meeting on Chromatin, Transcription, and Nuclear Dynamics, Iowas City, IA

2006 Invited speaker, FASEB Summer Research Conference on “Transcriptional Regulation During Cell Growth, Differentiation, and Development,” Saxton’s River, VT.

2006 Invited speaker, ASBMB Special Symposium, “Transcriptional Regulation by Chromatin and RNA Polymerase II,” Kiawah Island, SC.

2007 Invited speaker, Salk Institute, Fondation IPSEN, and *Nature* Symposium on Biological Complexity, “Diseases of Transcription,” La Jolla, CA

2007 Speaker, Cold Spring Harbor Meeting on Mechanisms of Eukaryotic Transcription, Cold Spring Harbor, NY

2007 Invited speaker, Joint Annual Meetings of the Molecular Biology Society of Japan and Japanese Biochemical Society, Yokohama, Japan

2008 Invited speaker, Keystone Symposium on “Regulatory Mechanisms in Eukaryotic Transcription,” Keystone, CO.

2008 Invited speaker, FASEB Summer Research Conference on “Transcriptional Regulation During Cell Growth, Differentiation, and Development,” Snowmass, CO.

2008 Invited speaker, Benzon Symposium No. 55, “Transcription, chromatin, and disease,” Copenhagen, Denmark

2008 Invited speaker, 8th EMBL Transcription Meeting, Heidelberg, Germany

2009 Invited speaker, “Proteomic characterization of macromolecular complexes involved in DNA metabolism,” Trieste, Italy

2009 Invited speaker, Keystone Symposium on “Deregulation of transcription in cancer: Controlling cell fate decisions,” Killarney, Co. Kerry, Ireland.

2009 Invited speaker, Cold Spring Harbor Meeting on Mechanisms of Eukaryotic Transcription, Cold Spring Harbor, NY

2010 Invited speaker, Keystone Symposium "Dynamics of Eukaryotic Transcription During Development," Big Sky, Montana

2012 Invited speaker, ASBMB Annual Meeting, San Diego, CA.

2012 Invited speaker, ASBMB Special Symposium "Transcriptional Regulation: Chromatin and RNA Polymerase II," Snowbird, Utah.

2013 Invited speaker, Japanese Biochemical Society Hokkaido Division, Sapporo, Japan.

2013 Keynote speaker, Transcription Cycle Symposium, Hakone, Japan.

2014 Invited speaker, Cold Spring Harbor Meeting on Mechanisms of Eukaryotic Transcription, Cold Spring Harbor, NY

2014 Invited speaker, concurrent Keystone Symposia "Transcriptional Regulation" and "Cancer Epigenetics," Santa Fe, NM.

2014 Invited speaker, Cold Spring Harbor Meeting "The PARP Family & Friends," Cold Spring Harbor, NY

2016 Invited speaker, IAS Focused Program on Mechanisms of Transcription and Its Regulation, Hong Kong University of Science and Technology, Hong Kong.

2017 Keynote address, FASEB Scientific Research Conference "Mechanism and Regulation of Prokaryotic Transcription," Saxton's River, VT.

2017 Invited speaker, ASBMB Special Symposium on "Evolution and Core Processes in Gene Expression," Kansas City, MO.

2018 Invited speaker, IAS Focused Program on Mechanisms of Transcription and Its Regulation, Hong Kong University of Science and Technology, Hong Kong.

2019 Invited speaker, Penn State Summer Symposium, University Park, PA

*Seminars*

1989 DNAX Research Institute of Molecular and Cellular Biology, Palo Alto, California.

1989 Department of Biology, Haverford College, Haverford, Pennsylvania.

1991 Department of Microbiology and Immunology, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma.

1992 Department of Molecular Biology and Microbiology, Case Western Reserve University, Cleveland, Ohio.

1992 Department of Chemistry and Biochemistry, Southern Illinois University, Carbondale, Illinois.

1992 Department of Botany and Microbiology, University of Oklahoma, Norman, Oklahoma.

1992 University of Colorado Health Science Center, Denver, Colorado.

1993 Department of Biochemistry, University of Texas Southwestern Medical School, Dallas, Texas.

1993 Department of Biochemistry, Emory University School of Medicine, Atlanta, Georgia.

1993 Department of Molecular and Medical Genetics, University of Toronto, Toronto, Ontario, Canada.

1994 Department of Biochemistry and Molecular Biology, Texas Tech Health Sciences Center, Lubbock, Texas

1994 Fred Hutchinson Center for Cancer Research, Seattle, Washington.

1994 DNAX Research Institute for Molecular and Cell Biology, Palo Alto, CA.

1994 Tumor Biology Seminar Series, Stanford University School of Medicine, Stanford, CA.

1995 Department of Molecular and Cell Biology, University of California, Berkeley, CA.

1995 Sealy Center for Molecular Science, University of Texas Medical Branch, Galveston, TX.

1995 Department of Medicine, Louisiana State University Medical Center, Shreveport, LA.

1995 National Institute of Genetics, Mishima, Japan.

1995 Institute of Medical Sciences, University of Tokyo, Japan.

1995 Dana-Farber Cancer Institute, Boston, MA.

1995 Division of Immunology, Department of Medicine, Cornell Medical Center, New York, NY.

1996 Cancer Therapy and Research Center, San Antonio, Texas.

1996 Department of Chemistry and Biochemistry, University of Texas, Austin, Texas.

1996 Department of Biochemistry, School of Public Health, Johns Hopkins University, Baltimore, MD.

1996 Laboratory of Molecular Embryology, NICHD, NIH, Bethesda, MD.

1996 Department of Molecular Genetics, Biochemistry, and Microbiology, University of Cincinnati College of Medicine, Cincinnati, OH.

1996 Department of Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA.

1996 Eukaryotic Gene Expression Course, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY.

1996 Tumor Biology Seminar Series, Stanford University School of Medicine

1997 ACCESS Seminar Series, University of California, Los Angeles

1997 Department of Molecular Genetics, M. D. Anderson Center for Cancer Research, Houston, TX

1997 Huntsman Cancer Institute, University of Utah, Salt Lake City, UT

1997 Department of Pathology, University of Oklahoma Health Science Center, Oklahoma City, OK

1997 Cleveland Clinic, Cleveland OH.

1997 Banting and Best Institute, University of Toronto, Ontario, Canada

1997 ASBMB-Amgen Award Lecture, San Francisco, CA.

1997 Department of Medicine, Medical College of Georgia, Augusta, GA.

1997 Department of Microbiology, University of Texas-Southwestern Medical Center, Dallas, TX.

1997 Department of Biochemistry, Texas Tech University, Lubbock, TX.

1997 Department of Biochemistry, University of Kansas Medical Center, Kansas City, Kansas.

1998 Department of Biochemistry, Albert Einstein College of Medicine of Yeshiva University, Bronx, NY.

1998 Department of Biochemistry and Molecular Biology, University of Oklahoma Health Science Center, Oklahoma City, OK.

1998 Dana-Farber Cancer Institute, Boston, MA.

1998 Department of Biochemistry, Duke University School of Medicine, Durham, NC.

1999 Noble Foundation, Ardmore, OK.

1999 Department of Biochemistry, Louisiana State University Medical Center, New Orleans, LA.

1999 Department of Biochemistry, Michigan State University, East Lansing, MI.

1999 Department of Biochemistry, Tufts University School of Medicine, Boston, MA

1999 Department of Biological Sciences, Stanford University, Stanford, CA

1999 Department of Biochemistry, Saint Louis University School of Medicine, Saint Louis, MO

1. Department of Tumor Cell Biology, St. Jude Children’s Research Hospital, Memphis, TN

2000 Department of Biochemistry, Oklahoma State University, Stillwater, OK

2000 Dean’s Distinguished Lecture and Department of Molecular and Cellular Physiology Seminar Series, University of Cincinnati School of Medicine, Cincinnati, OH

2000 The Salk Institute for Biological Studies, San Diego, CA

2000 Medical Scientist Lecture Series and Department of Biological Chemistry, University of California, Irvine, CA.

2000 National Cancer Institute, Bethesda, MD

2000 Stowers Institute for Medical Research, Kansas City, MO

2001 Huntsman Cancer Institute, University of Utah, Salt Lake City, UT

2001 Department of Biochemistry, Emory University School of Medicine, Atlanta, GA

2001 Department of Biochemistry, New Jersey Medical School, Newark, NJ

2001 Dean’s Distinguished Lecturer, Medical College of Ohio, Toledo, OH

2001 Burroughs-Wellcome Visting Professorship Lecture, Department of Biochemistry, Saint Louis University School of Medicine, St. Louis, MO

2001 Distinguished Lecturer, University of Buffalo, Buffalo, NY

2001 Department of Biochemistry and Molecular Biology, University of Kansas Medical Center, Kansas City, KS

1. Ontario Cancer Institute, Toronto, Ontario, Canada
2. Institut de Recherches Cliniques de Montreal, Montreal, Quebec, Canada

2002 Tumor Biology Seminar Series, Stanford University School of Medicine

2002 Department of Biological Sciences, University of Missouri, Columbia, MO

2003 Milton S. Hershey Medical Center College of Medicine, Hershey, PA

2003 Cold Spring Harbor Laboratories, Cold Spring Harbor, NY

2003 University of California, San Francisco, CA

2003 Department of Molecular Biology, Princeton University, Princeton, NJ

2003 Department of Biochemistry, Case Western Reserve University School of Medicine, Cleveland, OH

2003 Graduate Program in Molecular, Cellular, and Developmental Biology, Ohio State University, Columbus, OH

2004 Department of Biochemistry and Molecular Genetics, University of Illinois at Chicago, Chicago, IL

2004 Department of Molecular Biosciences, University of Kansas, KS

2004 Cancer Center, St. Louis University, St. Louis, MO.

2005 Eppley Cancer Institute, Universty of Nebraska Medical Center, Omaha, NE

2005 Biochemistry and Molecular Biology Seminar Series, Mayo Clinic College of Medicine, Rochester, MN

2005 Pennington Biomedical Research Center, Baton Rouge, LA

2005 University of North Carolina Lineberger Comprehensive Cancer Center, Chapel Hill, NC

2005 Department of Biochemistry and Molecular Biology, University of Missouri, Columbia, MO

2005 Department of Pharmacology, University of Michigan, Ann Arbor, MI

2006 Department of Biochemistry, Dartmouth Medical School, Hanover, NH

2006 Laboratory of Gene Regulation and Development, NICHD, NIH, Bethesda, MD

2006 Department of Molecular Genetics and Cell Biology, University of Chicago, Chicago, IL

2006 Department of Chemistry and Biochemistry, University of Colorado, Boulder, CO

2006 Department of Biochemistry, Vanderbilt University, Nashville, TN

2006 Frontiers in Biology Seminar Series, Biochemistry Department, Stanford University, Stanford, CA

2006 Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology, Iraklion, Crete.

2007 Department of Biochemistry and Molecular Biology, University of Kentucky, Lexington, KY

2007 Osaka University, Osaka, Japan

2007 Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

2008 Department of Biochemistry and Molecular Genetics, University of Virginia

2008 Department of Chemistry and Biotechnology/Life Sciences Seminar, Beadle Center, University of Nebraska.

2008 Department of Biochemistry and Molecular Biology, University of Oklahoma Health Sciences Center, Oklahoma City, OK.

2009 Cancer Research UK, Clare Hall Laboratories, South Mimms, United Kingdom

2009 NIH Transcription Factor Interest Group, National Insitutes of Health, Bethesda, MD.

2010 Department of Structural Biology, University of Pittsburgh, Pittsburgh, PA

2010 Department of Biochemistry and Molecular Biology, Colorado State University, Fort Collins, CO.

2011 "Science at the Edge Seminar Series," Michigan State University, East Lansing, MI

2011 School of Biological Sciences, University of Missouri Kansas City, Kansas City, MO

2011 Department of Pharmacology, New York University, New York, NY

2011 Cancer Center, Massachusetts General Hospital, Charlestown, MA

2011 Department of Biochemistry & Molecular Biology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

2012 Department of Biochemistry & Molecular Biology, Oklahoma State University, Stillwater, OK.

2013 Department of Biochemistry, Duke University School of Medicine, Durham, NC

2013 Tokyo Medical and Dental University, Tokyo, Japan

2013 Department of Developmental and Molecular Biology, Albert Einstein College of Medicine, Bronx, NY

2013 Department of Biochemistry, Emory University School of Medicine, Atlanta, GA

2015 Center for Cancer Research Eminent Lecture, National Cancer Institute, NIH, Bethesda, MD

2016 Celebration of Science, Texas Woman's University

2017 Danny Thomas Distinguished Lecture Series, St. Jude Children's Research Hospital

2018 IAS Distinguished Lecture, HKUST Jockey Club Institute for Advanced Study

2018 Department of Biochemistry and Molecular Genetics, University of Colorado School of Medicine – Anschutz Medical Center

2019 Lecturer, PhD Genetics Seminar Series, The University of Iowa Graduate College, Iowa City, Iowa

2019 Pathology Grand Rounds, Yale School of Medicine, New Haven, CT