

# Curriculum Vitae

David E. Cane

Vernon K. Kriebel Professor of Chemistry and Professor of Biochemistry  
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<http://casey.brown.edu/chemistry/research/dec/dec.html>

**Date and Place of Birth:** September 22, 1944 - New York, New York

## Education:

B.A.	(Magna Cum Laude)	Harvard College	1966
A.M.	(Organic Chemistry)	Harvard University	1967
Ph.D.	(Organic Chemistry) (Prof. E. J. Corey)	Harvard University	1971
Postdoctoral	(Bioorganic Chemistry) (Prof. Duilio Arigoni)	Eidgenossische Technische Hochschule, Zurich	1971 - 1973

## Professional Appointments:

-Eidgenossische Technische Hochschule Zurich, Switzerland	Postdoctoral Research Associate	1971 - 1973
-Brown University	Assistant Professor	1973 - 1978
-Brown University	Associate Professor	1978 - 1980
-Brown University	Professor of Chemistry	1980 -
-Brown University	Chairman, Department of Chemistry	1983 - 1989
<b>-Brown University</b>	<b>Professor of Biochemistry</b>	<b>1991 -</b>
<b>-Brown University</b>	<b>Vernon K. Kriebel Professor of Chemistry</b>	<b>1992 -</b>
-University of Chicago	Visiting Associate Professor	1980
-Technion, Haifa, Israel	Visiting Professor	1994 - 1995
-Univ. California, San Francisco	Visiting Professor	1998 - 1999
-Univ. Louis Pasteur, Strasbourg	Professeur Invité	1999
-University of Chicago	Visiting Scholar	2010-2011

## Scholarships, Fellowships, and Honors:

-Fellow of the American Academy of Arts & Sciences	2013
-Alfred Bader Award of the American Chemical Society	2013
-Honorary Professor, Wuhan University	2011
-Philip J. Bray Award for Teaching Excellence in the Physical Sciences, Brown University,	2008
-Ph. D. ( <i>Honoris Causa</i> ), University of Kalmar, Kalmar, Sweden	2007
-Repligen Award, Division of Biological Chemistry of the American Chemical Society	2005
-Derek Brewer Visiting Fellow, Emmanuel College, Cambridge	2004
-Fellow of the American Association for the Advancement of Science (AAAS)	2003
-Royce Faculty Fellow, Brown University	2002-
-Prelog Lecture and Medal, ETH Zürich	2002
-A. C. Cope Scholar Award of the American Chemical Society	2000
-Institut Universitaire de France, Fellow	1999
-Fogarty International Center Senior International Fellow	1999
-Microbial Chemistry Medal of the Kitasato Institute and Kitasato University	1995
-National Institutes of Health, MERIT Award	1994 - 2004
-Simonsen Lecturer, Royal Society of Chemistry	1990 - 1991
-John Simon Guggenheim Memorial Foundation Fellow	1990
-Fulbright Scholar	1990
-Distinguished Visiting Fellow, Christ's College, Cambridge	1989 - 1990
-Fogarty International Center Senior International Fellow	1989
-Ernest Guenther Award of the American Chemical Society	1985
-Japan Society for the Promotion of Science Fellow	1983
-National Institutes of Health, Research Career Development Award	1978 - 1983
-Alfred P. Sloan Research Fellow	1978 - 1982

-Eli Lilly Grant Award	1976 - 1978
-National Institutes of Health, Postdoctoral Fellowship	1971 - 1972
-National Science Foundation, Predoctoral Fellowship	1966 - 1971

**Professional Activities:**

***Editorial Boards***

-Editorial Board, Bioorganic Chemistry	1983 - 2003
-Editorial Board, Journal of Antibiotics	1983 - 2006
-Editorial Advisory Board, Chemical Reviews	1987 - 1990
-Associate Editor, Journal of Organic Chemistry	1995 - 2003
-Editorial Advisory Board, Topics in Stereochemistry	1996 - 2006
-Editorial Board, Current Opinion in Chemical Biology	1997 - 2006
-Faculty of 1000, Contributor	2000 - 2010
-Advisory Board, Wiley Encyclopedia of Chemical Biology	2006 - 2007
-Section Editor, Journal of Antibiotics	2006 - 2012

***Review Panels/Professional Committees***

-NIH Bioorganic and Natural Products Study Section	1980 - 1984
-ACS Ad Hoc Committee to Review the Journal of Organic Chemistry	1992 - 1993
-Visiting Committee, Department of Chemistry, Washington State University	1998
-Alternate Counselor, Biological Chemistry Division, ACS	1993-1998
-Chair, NIH Scientific Review Group, Centers of Excellence in Chemical Methodologies and Library Development	2002
-NIH SBCB Study Section, Ad Hoc Reviewer	2006
-Chair, External Review Committee, Brandeis University, Department of Chemistry	2007
- NIH, ZRG1 BCMB-B Study Section	2008
-NIH, MSFE Study Section, Ad Hoc Reviewer	2009
-NIH, ZRG1 BCMB-H, Special Emphasis Study Section	2009
-NIH, ZRG1 BCMB-U, Special Emphasis Study Section	2012

***Consulting***

-Consultant, Smith Kline & French Laboratories	1984 - 1985
-Consultant, American Cyanamid	1986 -1988
-Consultant, Elan Management	2011
-Myco Pharmaceuticals Lead Discovery Forum	1993
-Scientific Advisory Board, Genechem Therapeutics fund, LP	2000 – 2003
-Scientific Advisory Board, KOSAN Biosciences, Inc.	1995 - 2006

***Meetings Organized***

-Co-Organizer, U. S. - Japan Biosynthesis Symposia	1976, 1982, 1987,1994
-Gordon Research Conference on Natural Products, Chairman	1982
-Gordon Research Conference on Enzymes, Coenzymes, and Metabolic Pathways, co-Chairman	1996

**Recent Invited Lectures (out of >425):**

-Boehringer Ingelheim Lecture, MIT	April 2009
-Terpnet 2009, Tokyo	June 2009
-International Symposium on the Biology of Actinomycetes, Shanghai, China	August 2009
-Richard Hutchinson Memorial Symposium, University of Wisconsin	March 2010
-Symposium on Natural Products, Canadian Society of Chemistry, Montréal, Canada	June 2011
-International Symposium on the Biosynthesis of Natural Products, Awajishima, Japan	June 2012
-University of Utah, Poulter Symposium	September 2012
-Bader Award Lecture, American Chemical Society, New Orleans, LA	April 2013
-Repligen Award Symposium, ACS Division of Biological Chemistry, Indianapolis, LA	September 2013

**Publications:**

>305 research articles, reviews, books, and patents