

CURRICULUM VITAE DE JAMES D. WATSON

Presentació

El 1953, James D. Watson, amb Francis Crick, va proposar amb èxit la doble estructura helicoïdal de l'ADN, una gesta que Sir Peter Medawar va descriure com "l'assoliment científic més important del segle XX." Per aquest treball, Watson i Crick, junt amb Maurice Wilkins, van obtenir el premi Nobel de Medicina l'any 1962. Mentre donava classes a Harvard, Watson va començar a escriure. Aquesta tasca va donar com a resultat el text primordial *Molecular Biology of the Gene* (Biologia molecular del gen), el volum autobiogràfic *The Double Helix* (La doble hèlix), que va aconseguir grans vendes, i *The Secret of Life* (El secret de la vida), publicat ara fa poc. Més tard, quan estava al capdavant del Cold Spring Harbor Laboratory, va ser un dels impulsors del Projecte del Genoma Humà, el factor principal pel qual el 1993 va rebre la Medalla Copley de la Royal Society de Londres, de la qual va ser escollit membre el 1981. Entre altres honors, Watson va esdevenir membre de l'Acadèmia Nacional de Ciències dels Estats Units l'any 1962, i el 1977 va rebre del president Ford la Medalla de la Llibertat. Durant el curs 1993-94, va ser el professor visitant de Newton-Abraham i científic visitant al Lincoln College. Ha rebut títols honorífics de diverses universitats, entre les quals la de Cambridge (1993) i la d'Oxford (1995). Watson va rebre la Medalla Nacional de Ciències el desembre de 1997, la Medalla de la Llibertat de Filadèlfia el 4 de juliol de 2000 i la Medalla Benjamin Franklin que atorga la Societat Americana de Filosofia. La reina Elisabet II el va proclamar Cavaller d'Honor de l'Imperi Britànic l'1 de gener de 2002. El novembre de 2003 va esdevenir president del Cold Spring Harbor Laboratory.

Curriculum vitae

Education

1947 B.S. Zoology, University of Chicago,

1950 Ph.D. Zoology, Indiana University,

Professional Career

Research at the University of Copenhagen with H.M. Kalckar

Research at Cambridge University in the Cavendish Laboratory

Senior Research Fellow in Biology, California Institute of Technology

Research at Cambridge University in the Cavendish Laboratory

Assistant Professor of Biology, Harvard University
Associate Professor of Biology, Harvard University
Professor of Biology, Harvard University
Director, Cold Spring Harbor Laboratory
Associate Director, National Center for Human Genome Research, NIH
Director, National Center for Human Genome Research, NIH
President, Cold Spring Harbor Laboratory
2003 Chancellor, Cold Spring Harbor Laboratory

Awards

The John Collins Warren Prize of the Massachusetts General Hospital, 1959
[with Francis H.C. Crick]
Eli Lilly Award in Biochemistry, 1960
Albert Lasker Prize, 1960
[awarded by the American Public Health Association]
Research Corporation Prize [with Francis H.C. Crick], 1962
Nobel Prize in Physiology or Medicine, 1962
[with Francis H.C. Crick and Maurice H.F. Wilkins]
John J. Carty Gold Medal of the National Academy of Sciences, 1971
Presidential Medal of Freedom, USA, 1977
Kaul Foundation Award for Excellence, 1993
Copley Medal of the Royal Society, 1993
National Biotechnology Venture Award, 1993
Fellow of the New York Academy of Sciences, 1994
The Charles A. Dana Award, 1994
Lomonosov Medal, Russian Academy of Sciences, 1995
National Medal of Science, USA, 1997
Mendel Medal, Brno, Czechoslovakia, 1998
University of Chicago Medal, 1998
Heald Award, Illinois Institute of Technology, 1999
New York Academy of Medicine Award, 1999
University Medal, SUNY at Stony Brook, 2000
University College London Prize, 2000
Liberty Medal Award, City of Philadelphia, 2000

Benjamin Franklin Medal for Distinguished Achievement in the Sciences, 2001[with Francis H.C. Crick] American Philosophical Society
Honorary Knight of the British Empire, 2002

Gairdner Award, 2002

Lotos Club Medal of Merit, 2004

Honorary Degrees

D.Sc. University of Chicago, 1961

D.Sc. Indiana University, 1963

L.L.D. Notre Dame University, 1965

D.Sc. Long Island University (C.W. Post), 1970

D.Sc. Adelphi University, 1972

D.Sc. Brandeis University, 1973

D.Sc. Albert Einstein College of Medicine, 1974

D.Sc. Hofstra University, 1976
D.Sc. Harvard University, 1978

D.Sc. Rockefeller University, 1980

D.Sc. Clarkson College, 1981

D.Sc. Dowling College, 1983

D.Sc. SUNY at Farmingdale, 1983

M.D. University of Buenos Aires, Argentina, 1986

D.Sc. University of Cambridge, 1993

D.Sc. University of Limerick, 1995

D.Sc. Rutgers University, 1988

D.Sc. Bard College, 1991

D.Sc. University of Stellenbosch, South Africa, 1993

D.Sc. Fairfield University, CT, 1993

D.Sc. University of Oxford, 1995

D.Sc. University of Melbourne, Australia, 1996

D.Sc. University of Portsmouth, UK, 1997

D.Sc. Medical College of Charleston, 1998

M.D. Charles University, Prague, 1998

D.Sc. Washington College, Chestertown, MD, 1999

D.Sc. University of Judaism, Los Angeles, 1999

D.Sc. University College London, 2000

D.Sc. Illinois Wesleyan University, 2000
D.Sc. Widener University, 2001
D.Sc. Dartmouth University, 2001
D.Sc. The University of Dublin, Trinity College, 2001

Honorary Affiliations

American Academy of Arts and Sciences, 1958
National Academy of Sciences, 1962
Danish Academy of Arts and Sciences, 1963
Clare College, Cambridge University, Honorary Fellow, 1968
American Philosophical Society, 1977
Royal Society, London 1981
Russian Academy of Sciences, 1989
Newton-Abraham Visiting Professor, Oxford University, 1994
Russian Academy of Natural Sciences, Member 1994
National Academy of Sciences of Ukraine, Foreign Member, 1995
University College Galway, Society Saints & Scholars, Honorary Member, 1995
Institute of Biology, London, Honorary Fellow, 1995
Tata Institute of Fundamental Research, Honorary Fellow, 1996
American Academy of Microbiology, Fellow, 1997
New York Academy of Sciences, 1998
Royal Society of Edinburgh, 1999
National Academy of Sciences, India 2001
International Academy of Humanism, 2004

Professional Affiliations

American Society of Biological Chemists
American Association for Cancer Research

Books Published

Molecular Biology of the Gene, 1965, 1970, 1976, 1987

The Double Helix, 1968

The DNA Story, 1981 [with John Tooze]

The Molecular Biology of the Cell, 1983, 3rd edition 1994 [with others]

Recombinant DNA: a short course, 1984, 2nd edition 1992 [with others]

A Passion for DNA, 2000

Genes, Girls and Gamow, 2001

DNA: The Secret of Life, 2003

Memberships

Century Club, New York, NY

The Brook Club, New York, NY

The Lotos Club, New York, NY [Honorary Member]

Piping Rock Club, Locust Valley, NY