1978

Program from the Twenty-third William W. Cook Lectures

University of Michigan Law School

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The William W. Cook Lectures on American Institutions

TWENTY-THIRD SERIES

SCIENTIFIC RESEARCH AND PUBLIC POLICY

Sir Peter Medawar
Clinical Research Centre (London)

Richard C. Atkinson
Director, National Science Foundation

Jerome B. Wiesner
President, Massachusetts Institute of Technology

March 21, 22, 23, 1978
3:30 p.m.

Room 100
Hutchins Hall
Ann Arbor
Michigan
The William W. Cook Lectures on American Institutions

WILLIAM WILSON COOK, recipient of the A.B. and LL.B. degrees from the University of Michigan, was exceedingly generous to his Alma Mater. Among his benefactions were the gifts of funds for the William W. Cook Law Quadrangle and for the Martha Cook Building—a residence hall for women. He also established the William W. Cook Foundation for lectures on American Institutions.

The Lecturers

SIR PETER MEDAWAR, one of the world's foremost experimental biologists, has contributed greatly to our understanding of the basic life processes. Educated at Marlborough College and Magdalen College, Oxford, he taught zoology successively at Oxford, Birmingham and London Universities between 1938 and 1962. From 1962 to 1971 he was Director of the National Institute for Medical Research. He is currently Head of the Division of Surgical Sciences, Clinical Research Centre. He is a past President of the British Association for the Advancement of Science. Sir Peter was awarded the 1960 Nobel Prize in Medicine and Physiology for demonstrating the existence of acquired immunity in the body's acceptance of transplanted tissue. He was knighted in 1965. His writings include The Uniqueness of the Individual (1958); The Future of Man (1960); The Art of the Soluble (1967); Induction and Intuition in Scientific Thought (1969); The Hope of Progress (1972); Introduction to Biological Ideas (1976); and (with Lady Medawar) The Life Science (1977).

RICHARD C. ATKINSON is a clinical psychologist with special interests in programmed instruction and mathematical learning. He received a Ph.B. from Chicago in 1948 and a Ph.D. from Indiana in 1955. He taught at Stanford and UCLA beginning in 1956, and served as chairman of Stanford's psychology department from 1969 to 1974. He became Deputy Director of the National Science Foundation in 1975 and Director in 1977. Dr. Atkinson was a Guggenheim fellow in 1967 and a fellow of the Center for Advanced Study in the Behavioral Sciences in 1963. He is the author or co-author of Introduction to Psychology (1971); Computer Assisted Instruction (1969); and An Introduction to Mathematical Learning Theory (1965).

JEROME B. WIESNER is very much a product of the University of Michigan, having been graduated here with a B.S. in 1937, an M.S. in 1940, and a Ph.D. in 1950. Between 1940 and 1946 he was chief engineer for the Library of Congress and a member of the staffs of the Massachusetts Institute of Technology's radiation laboratory and the University of California Los Alamos Laboratory. He joined the faculty of MIT in 1946, and became professor of electrical engineering in 1950. Dr. Wiesner was Dean of Sciences at MIT from 1964 to 1966 and Provost from 1966 to 1971. Since 1971 he has been President of the Institute. He was a special assistant on science and technology to Presidents Kennedy and Johnson from 1961 to 1964, serving also during that period as chairman of the President's Science Advisory Committee. He is the author of Where Science and Politics Meet (1964).
SCIENTIFIC RESEARCH AND PUBLIC POLICY

TUESDAY, MARCH 21, 1978

*Can Scientific Discovery be Premeditated?*

Sir Peter Medawar

WEDNESDAY, MARCH 22, 1978

*Rights and Responsibilities in Scientific Research*

Richard C. Atkinson

THURSDAY, MARCH 23, 1978

*What Can We Expect of Public Policy for Scientific Research?*

Jerome B. Wiesner

Panel Discussion

*Participants:* The Lecturers

and

The Honorable Harold Leventhal

*Circuit Judge, U.S. Court of Appeals, D.C. Circuit*

*Moderator:* Alfred S. Sussman

*Dean, Horace H. Rackham School of Graduate Studies*

*University of Michigan*
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John Maurice Clark, Professor of Economics, Columbia University

1947–48: Men and Measures in the Law
Arthur T. Vanderbilt, Chief Justice, Supreme Court of New Jersey

1948–49: Characteristically American
Ralph Barton Perry, Professor of Philosophy, Harvard University

1950–51: Democracy and the Economic Challenge
Robert M. MacIver, Professor of Political Philosophy & Sociology, Columbia University

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Howard Mumford Jones, Professor of English, Harvard University

Walter Hamilton, of Washington, D.C., Bar, formerly Professor of Law, Yale University

Eugene V. Rostow, Dean, Yale Law School

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Luther Gulick, President, Institute of Public Administration, New York

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Alpheus Thomas Mason, Professor of Jurisprudence, Princeton University

Adolf A. Berle, Professor of Law, Columbia University

1963–64: The University and Medicine
Dr. Lester J. Evans

1964–65: Two Agricultures and Economic Growth
Theodore W. Schultz, Professor of Economics, University of Chicago

1965–66: Ascendancy of American Liberalism
Leslie W. Dunbar, Executive Director of the Field Foundation, formerly Executive Director of the Southern Regional Council

Gilbert F. White, Professor of Geography, University of Chicago

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Francis Keppel, Chairman of the Board and President, General Learning Corporation; formerly United States Commissioner of Education

1969–70: Politics of Change
W. Willard Wirtz, of the Washington, D.C., Bar, formerly United States Secretary of Labor

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Nathan Glazer, Professor of Education & Social Structure, Harvard University

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Richard E. Neustadt, Professor of Government, Harvard University

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Ada Louise Huxtable, Architecture Critic, New York Times

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