

Oppenheimer

Copy for SNS files
" to Director's office

February 23, 1967

The Faculty of the School of Natural Sciences today passed the following resolution:

We, the Professors in the School of Natural Sciences, wish to convey to Mrs. Oppenheimer our profound sympathy in the loss of our colleague Robert Oppenheimer. Through the many years of his Directorship, he always found time to talk personally with each of our visiting members and to appraise for himself the details of their work. He made it his business to be expert and up-to-date in all the activities of our School. His devotion to the Institute and to science were most movingly shown by his continuing to participate in our work, even during his last illness. He sat with us and chatted professionally at his weekly physics lunches, and he somehow found the strength to attend our faculty meetings and express well-informed judgments concerning future Institute appointments, until three days before his death. He set us an example of dignity and courage which none of us will ever forget.

ROBERT OPPENHEIMER

BIBLIOGRAPHY

- Quantum Theory and Intensity Distribution in Continuous Spectra. Nature, 118: 771 (1926)
- On the Quantum Theory of Vibration-Rotation Bands. Proc. Camb. Phil. Soc., 23: 327-335 (1925-27)
- On the Quantum Theory of the Problem of the Two Bodies. Proc. Camb. Phil. Soc., 23: 422-431 (1925-27)
- Quantentheorie des Kontinuierlichen Absorptionsspektrums. Naturwissenschaften, 14: 1282 (1926)
- On the Quantum Theory of the Polarization of Impact Radiation. Proc. Nat. Acad. Sci., 13: 800-805 (1927)
- Bemerkung zur Zerstreung der α - Teilchen. Zeits. für Phys., 43: 413-415 (1927)
- Zur Quantentheorie Kontinuierlicher Spektren. Zeits. für Phys., 41: 268-293 (1927)
- Zur Quantenmechanik der Richtungsentartung. Zeits. für Phys., 43: 27-46 (1927)
- Zur Quantentheorie der Molekeln (with M. Born). Ann. d. Phys., 84: 457-484 (1927)
- Three Notes on the Quantum Theory of Aperiodic Effects. Phys. Rev., 31: 66-81 (1928)
- On the Quantum Theory of the Capture of Electrons. Phys. Rev., 31: 349-356 (1928)
- On the Quantum Theory of Field Currents. Phys. Rev., 31: 914 (1928)
- On the Quantum Theory of Electronic Impacts. Phys. Rev., 32: 361-376 (1928)
- On the Quantum Theory of the Ramsauer Effect. Proc. Nat. Acad. Sci., 14: 261-262 (1928)
- On the Quantum Theory of the Autoelectric Field Currents. Proc. Nat. Acad. Sci., 14: 363-365 (1928)
- Über die Strahlung der Freien Elektronen im Coulombfeld. Zeits für Phys., 55: 725-737 (1929)
- Why Does Molecular Hydrogen Reach Equilibrium So Slowly? (with Harvey Hall). Phys. Rev., 35: 132-133 (1930)

Robert Oppenheimer, bibliography, page 2

Note on the Theory of the Interaction of Field and Matter. Phys. Rev., 35: 461-477 (1930)

On the Theory of Electrons and Protons. Phys. Rev., 35: 562-563 (1930)

Two Notes on the Probability of Radiative Transitions. Phys. Rev., 35: 939-947 (1930)

Selection Rules and the Angular Momentum of Light Quanta. Phys. Rev., 37: 231 (1931)

Note on the Statistics of Nuclei. Phys. Rev., 37: 232-233 (1931)

Note on the Statistics of Nuclei (with P. Ehrenfest). Phys. Rev., 37: 333-338 (1931)

Relativistic Theory of the Photoelectric Effect by Harvey Hall: Part II - Photoelectric Absorption of Ultragamma Radiation (with Harvey Hall). Phys. Rev., 38: 57-79 (1931)

Note on Light Quanta and the Electromagnetic Field. Phys. Rev., 38: 725-746 (1931)

On the Range of Fast Electrons and Neutrons (with J.F. Carlson). Phys. Rev., 38: 1787-1788 (1931)
——(Abstract) Phys. Rev., 39: 864-865 (1932)

Impacts of Fast Electrons and Magnetic Neutrons (with J.F. Carlson). Phys. Rev., 41: 763-792 (1932)

Disintegration of Lithium by Protons. Phys. Rev., 43: 380 (1933)

The Production of the Positive Electron (with M.S. Plesset). Phys. Rev., 44: 53-55 (1933)

The Production of Positives by Nuclear Gamma-Rays (with Leo Nedelsky). Phys. Rev., 44: 948-949 (1933)
——(Abstract) Phys. Rev., 45: 136 (1934)
——(Errata) Phys. Rev., 45: 283 (1934)

On the Theory of the Electron and Positive (with W.H. Furry), Phys. Rev., 45: 245-262 (1934)
——(Letter) Phys. Rev., 45: 343-344 (1934)

The Theory of the Electron and Positives. Phys. Rev., 45: 290 (1934)

On the Limitation of the Theory of the Positron (with W.H. Furry). Phys. Rev., 45: 903-904 (1934)

On the Scattering of ThC^{II} Gamma-Rays (with C.C. Lauritsen). Phys. Rev., 46: 80-81 (1934)

Robert Oppenheimer, bibliography, page 3

- Are the Formulae for the Absorption of High Energy Radiation Valid? Phys. Rev., 47: 44-52 (1935)
- Note on Charge and Field Fluctuations. Phys. Rev., 47: 144-145 (1935)
- Note on the Production of Pairs by Charged Particles. Phys. Rev., 47: 146-147 (1935)
- The Disintegration of the Deuteron by Impact. Phys. Rev., 47: 845-846 (1935)
- Note on the Transmutation Function for Deuterons (with M. Phillips). Phys. Rev., 48: 500-502 (1935)
- On the Elementary Interpretation of Showers and Bursts. Phys. Rev., 50: 389 (1936)
- The Density of Nuclear Levels (with R. Serber). Phys. Rev., 50: 391 (1936)
- On Multiplicative Showers (with J.F. Carlson). Phys. Rev., 51: 220-231 (1937)
- The Disintegration of High Energy Protons (with G. Nordheim, L.W. Nordheim and R. Serber). Phys. Rev., 51: 1037-1045 (1937)
- Note on the Nature of Cosmic Ray Particles (with R. Serber). Phys. Rev., 51: 1113 (1937)
- Note on Nuclear Photoeffect at High Energies (with F. Kalckar and R. Serber). Phys. Rev., 52: 273-278 (1937)
- Note on Resonances in Transmutations of Light Nuclei (with F. Kalckar and R. Serber). Phys. Rev., 52: 279-282 (1937)
- Note on Boron Plus Proton Reactions (with R. Serber). Phys. Rev., 53: 636-638 (1938)
- On the Stability of Stellar Neutron Cores (with R. Serber). Phys. Rev., 54: 540 (1938)
- On Massive Neutron Cores (with G.M. Volkoff). Phys. Rev., 55: 374-381 (1939)
- On Continued Gravitational Contraction (with H. Snyder). Phys. Rev., 56: 455-459 (1939)
- On Pair Emission in the Proton Bombardment of Fluorine (with J.S. Schwinger). Phys. Rev., 56: 1066-1067 (1939)
- Behavior of High Energy Electrons in Cosmic Radiation by C.G. Montgomery and D.C. Montgomery: Discussion by J.R. Oppenheimer. Rev. Mod. Phys., 11: 264-266 (1939)

Robert Oppenheimer, bibliography, page 4

Celebration of the Sixtieth Birthday of Albert Einstein. Science, 89: 335
(1939)

The Production of Soft Secondaries by Mesotrons (with H. Snyder and R. Serber).
Phys. Rev., 57: 75-81 (1940)

On the Applicability of Quantum Theory to Mesotron Collisions. Phys. Rev., 57:
335 (1940)

On the Spin of the Mesotron. Phys. Rev., 59: 462 (1941)

On the Selection Rules in Beta-Decay. Phys. Rev., 59: 908 (1941)

On the Interaction of Mesotrons and Nuclei (with J. Schwinger). Phys. Rev.,
60: 150-152 (1941)

Internal Conversion in Photosynthesis. Phys. Rev., 60: 158 (1941)

The High Energy Soft Component of Cosmic Rays (with R. Christy). Phys. Rev.,
60: 159 (1941)

Multiple Production of Mesotrons by Protons (with E.C. Nelson). Phys. Rev.,
60: 159-160 (1941)

On the Internal Pairs from Oxygen. Phys. Rev., 60: 164 (1941)

The Mesotron and the Quantum Theory of Fields. In: Enrico Fermi et al.,
Nuclear Physics, Philadelphia, University of Pennsylvania Press, pp. 39-
50 (1941)

Pair Theory of Meson Scattering (with E.C. Nelson). Phys. Rev., 61: 202 (1942)

Cosmic Rays: Report of Recent Progress, 1936-1941, University of California
75th Anniversary (1944). Science in the University, Univ. of California,
pp. 23-38 (1944)

Speech to Assoc. of Los Alamos Scientists (1945). Whose is Atomic Power?,
Chuo Koran Sha, Tokyo, pp. 11-34 (1957)

Atomic Weapons, American Philosophical Society and National Academy of Sciences
(1945). Proceedings of American Philosophical Society, 90,1 (1946)

— Beyond Victory, World Wide Broadcasting Foundation (1945)

— Saturday Rev. of Literature (11/24/45)

— A Treasury of Science, ed. H. Shapley, D. Appleton-Century Co. (1946)

— The Blueprint, Vancouver, B.C. (1946)

The Atomic Age, N. Y. Philharmonic Symphony Intermission Series. Serving
Through Science, U. S. Rubber Co., pp. 13-14 (1945)

— The Scientists Speak, ed. Warren Weaver, Boni & Gaer, pp. 115-117 (1947)

— The Autobiography of Science, ed. F.R. Moulton and J.J. Schifferes,
Doubleday (1960)

Robert Oppenheimer, bibliography, page 5

The Faith of Roosevelt, Los Alamos (1945). Los Alamos Times (4/12/46)

The Atom Bomb and College Education, Univ. of Pennsylvania Commencement Address (1946). The General Magazine & Historical Chronicle, Univ. of Pennsylvania General Alumni Society, pp. 262-266 (1946)

Preface to Scientific Information Transmitted to the UNAEC by the U. S. Representative, II: vii-viii (7/10/46)

The New Weapon: The Turn of the Screw. One World or None, ed. D. Masters and K. Way, F. A. S., pp. 22-25 (1946)

Atomic Explosives, Westinghouse Centennial Forum, Pittsburgh (1946)

———Chemical and Engineering News, p. 1350 (May 1946)

———The Future of Atomic Energy, Vol. 1, Science & Life in the World, McGraw-Hill, New York (1946)

———Abridged, "The Atom Bomb as a Great Force for Peace," N. Y. Times Magazine, p. 7 (6/9/46)

———The Open Mind, Simon & Schuster, New York (1955)

———Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)

International Control of Atomic Energy, Sixth Lecture, Messenger Lectures, Cornell Univ. (1946).

———Bull. Atomic Sci., 1, 12: 1-5 (1946)

———San Francisco Chronicle, 14 (July 1946)

Scientists in Contemporary Society, Princeton University Bicentennial Broadcast (1946)

Your Future in the Atomic Age, Look Magazine (12/24/46)

Reaction of Radiation on Electron Scattering and Heitler's Theory of Radiation Damping (with H.A. Bethe). Phys. Rev., 70: 451-457 (1946)

———(Abstract) Phys. Rev., 70: 796 (1946)

The Scientific Foundations for World Order, Foundations for World Order, 20th Anniversary Lecture Series, 2, Univ. of Denver (1947). Foundations for World Order, Univ. of Denver Press (1949)

———Readings in Philosophy of Science, ed. Philip P. Wiener, Scribner (1952)

———Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)

Functions of the International Agency in Research and Development, UNAEC Testimony (4/29/47).

Abridged, Bull. Atom. Sci., 3, 7: 173-176, 197 (1947)

Atomic Energy as a Contemporary Problem, National War College, Washington (9/17/47).

———The Open Mind, Simon & Schuster, New York (1955)

———Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)

Robert Oppenheimer, bibliography, page 6

- Physics in the Contemporary World, Second Arthur Dehon Little Memorial Lecture, Massachusetts Institute of Technology (1947)
- Technology Review, 50: 201-204, 231-238 (1948)
- Bull. Atom. Sci., 4: 65-68, 85-86 (1948)
- Physik in der Heutigen Welt, Die Amerikanische Rundschau, 4, 19: 10-20 (June 1948)
- Composition for Technical Students, ed. J.D. Thomas, Scribner, New York (1949)
- The Open Mind, Simon & Schuster, New York (1955)
- Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)
- Electron Theory, Report to Solvay Congress for Physics, Brussels (1948).
Instituts Solvay, Brussels, Institut International de Chimie, Conseil de Physique, Les Particules Elementaires, Bruxelles, pp. 269-281 (1950)
- Selected Papers in Quantum Electrodynamics, ed. J. Schwinger, Dover, pp. 145-155 (1958)
- International Control of Atomic Energy. Foreign Affairs, 26, 2: 239-252 (1948)
- Bull. Atom. Sci., 4, 2: 39-43, 48 (1948)
- The Open Mind, Rochester Institute of International Affairs (1948).
- Bull. Atom. Sci., 5, 1: 3-5 (Jan. 1949)
- Atlantic Monthly, 183: 28-31 (Feb. 1949)
- Vital Speeches of the Day, 15, 10: 304-306 (Mar. 1949)
- The Open Mind, Simon & Schuster, New York (1955)
- Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)
- The Multiple Production of Mesons (with H.W. Lewis and S.A. Wouthuysen).
Phys. Rev., 73: 127-140 (1948)
- Note on Stimulated Decay of Negative Mesons (with S.T. Epstein and R.J. Finkelstein). Phys. Rev., 73: 1140-1141 (1948)
- Concluding Remarks to Cosmic-Ray Symposium, California Institute of Technology (1948). Rev. Mod. Phys., 21, 1: 181-183 (1949)
- Discussion on the Disintegration and Nuclear Absorption of Mesons (with B. Rossi, C.D. Anderson, G.E. Valley and R.D. Sard). Rev. Mod. Phys., 21: 31-37 (1949)
- A Letter to Senator McMahon (5/14/49). Congressional Record (5/17/49)
- Bull. Atom. Sci., 5, 6-7: 163, 178 (1949)
- The Relation of Research to the Liberal University, Cornell University Symposium, Ithaca (1949). Chap. V, Freedom and the University, Cornell Univ. Press, pp. 93-112 (1950)
- Statement on the award of the Nobel Prize to Dr. Hideki Yukawa (1949).
Asahi Science, Asahi Shimbun Press, Tokyo (1950)

Robert Oppenheimer, bibliography, page 7

Fateful Decision, Mrs. E. Roosevelt's Round-Table Broadcast (2/12/1950).
Bull. Atom. Sci., 5, 3: 75 (1950)

Internal Conversion in the Photosynthetic Mechanism in Blue-Green Algae (with
W. Arnold). Jour. of General Physiology, 33: 423-435 (1950)

Encouragement of Science, Westinghouse Science Talent Search Award Banquet,
Washington (3/6/1950).

— Science News Letter, 57, 11: 170-172 (1950)

— Science, 3: 373-375 (1950)

— New Outlook, 3,6: 22-27 (1950)

— Congressional Record 96, Part 14: A1796-1798 (1950)

— Congressional Record 96, Part 15: A2888-2890 (1950)

— Assoc. of American Colleges Bulletin, 36: 404-411 (1950)

— El Impulso de la Ciencia, Suelo Tico, Revista del Ministerio de
Agricultura e Industrias, Costa Rico, 4: 304-309 (1950)

— Paraphrased in Impact of Science and Society, UNESCO 1: 27-29 (1950)

— Bull. Atom. Sci., 7,1: 608 (1951)

— Science Clubs of India Bulletin, 3: 9-19 (Jan. 1951)

— The Open Mind, Simon & Schuster, New York (1955)

— Abridged, Hotchkiss Record, Lakeville, Conn. (1958)

— Paraphrased in "Science and the Freedom of Inquiry," America Illustrated,
U.S.I.A. (Russian) (1962)

Age of Science 1900-1950. Scientific American, 183,3: 20-23 (Sept. 1950)

Contemporary Problems of Atomic Energy, N. Y. Bar Assoc. (1951). Record of
the Assoc. of the Bar of the City of New York, 6, 3: 106-121 (Mar. 1951)

— Excerpts, "Comments on the Military Value of the Atom," Bull. Atom. Sci.,
7, 2: 43-45 (Feb. 1951)

The Scientist in Society, Assoc. of Princeton Graduate Alumni Conference (1953).

— Report of the Third Conference, Assoc. of Princeton Grad. Alumni, pp. 22-29

— Excerpts, Princeton Alumni Weekly (Feb. 1953)

— The Open Mind, Simon & Schuster, New York (1955)

— Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)

Atomic Weapons and American Policy, Council on Foreign Relations, New York (1953).

— Foreign Affairs, 31, 4: 525-535 (1953)

— Bull. Atom. Sci., 9, 6: 202-205 (1953)

— United States News, 35: 48-51 (7/10/53)

— Wall St. Journal, New York (6/30 and 7/1/53)

— St. Louis Post Dispatch (July 1953)

— Epoca, Italy (1953)

— Digest, International News Service (August 1953)

— The Open Mind, Simon & Schuster, New York (1955)

— Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)

— Seven Minutes to Midnight: Scientists in National and World Politics,
Educational Foundation for Nuclear Science, Inc. (1962)

Robert Oppenheimer, bibliography, page 8

- Recent Progress in the Understanding of Nuclear Forces, Rumford Bicentennial Symposium, American Academy of Arts & Sciences (1953). Summary by W. Selove in Proceedings of American Acad. of Arts & Sciences, 82 (1953).
- The Contribution of Computers in Research, International Business Machines Corp., New York. I.B.M. Record, 36, 2: 3 (1953)
- The Mushroom Cloud and the Road Ahead, Review of Report on the Atom by Gordon Dean, Alfred A. Knopf (1953). N.Y. Times Book Review, 58, 42: 1, 24 (10/18/53)
- The Reith Lectures. I: Newton, The Path of Light. The Listener, 50:839-840, 862-863 (1953)
- The Reith Lectures. II: Science as Action: Rutherford's World. The Listener, 50: 895-896, 913 (1953)
- The Reith Lectures. III: A Science in Change. The Listener, 50: 941-943 (1953)
- The Reith Lectures. IV: Atom and Void in the Third Millennium. The Listener, 50: 991-993 (1953)
- The Reith Lectures. V: Uncommon Sense. The Listener, 50: 1035-1037 (1953)
- Sentido No-Común, Theoria: Revista de Teoria, Historia y Fundamentos de la Ciencia, 2, 7-8: 19-24, Madrid (1954)
- The Reith Lectures. VI: The Science and Man's Community. The Listener, 50: 1075-1077 (1953)
- Las Ciencias y la Comunidad del Hombre, Theoria: Revista de Teoria, Historia y Fundamentos de la Ciencia, 2, 7-8: 24-29, Madrid (1954)
- Science and the Common Understanding, The Reith Lectures, B.B.C. (1953) printed essentially as broadcast...(with) 2 appendixes.
- Science and the Common Understanding, N. Y., Simon & Schuster, 120 p. (1954)
- Science and the Common Understanding, London, Oxford Univ. Press, 127 p. (1954)
- Vitenskapen og Mennesketanken, Til Norsk ved, H.F. Myckland, Oslo, J.W. Cappelens Forlag, 91 p. (1954)
- Braille edition, Royal National Institute for the Blind, Students' Library, London (1954)
- La Ciencia y el Entendimiento Comun, Mundo Atomica, 20: 11-19; 21: 4-10, 98; 22: 16-23, 78, Buenos Aires (1955)
- La Science et le Bon Sens, Gallimard, Paris, 195 p. (1955)
- Scienza e Pensiero Comune, Einaudi, Turin (1955)
- Ciencia e Saber Comun, Livros do Brasil, Lisbon, 167 p. (1957)
- Ciencia y el Entendimiento Comun, Galatea, Buenos Aires, 134 p. (1957)
- Wissenschaft und Allgemeines Denken, Rowohlt-Taschenbuch-Verlag, Hamburg (1955)
- Translated into Japanese, Shin-Hyoron Sha, Tokyo, 155 p. (1955)
- Naturvidenskab og Livsforstaelse, Gyldendal, Copenhagen, 128 p. (1960)
- Translated into Serbo-Croat language, Prosveta, Belgrade (1965)

Robert Oppenheimer, bibliography, page 9

- Prospects in the Arts and Sciences, Columbia University Bicentennial Series, Columbia Broadcasting System, New York (12/26/54). Man's Right to Knowledge: International Symposium Presented in Honor of the Two Hundredth Anniversary of Columbia University, Second Series: Present Knowledge and New Directions, Columbia University Press, 115 p. (1955)
- N. Y. Times, p. 10 (12/27/54)
- Bull. Atom. Sci., 11, 2: 42-44, 52 (Feb. 1955)
- Vital Speeches of the Day, 21, 8: 1004-1007 (Feb. 1955)
- The Gadfly, Great Books Foundation, 6, 8: 104 (1955)
- Reporter, 12, 1: 32-33 (Jan. 1955)
- "Narrowness, Loneliness and Love," New Republic, 132, 2: 7-8 (1955)
- Perspektiv, Bookman, Copenhagen (1955)
- Invitation to Learning, C.B.S., New York (1955)
- The Open Mind, Simon & Schuster, New York (1955)
- Perspectives USA, 11, Intercultural Pubs. Inc., New York (1955)
- Contemporary Review '55, ed. R.M. Ludwig, Harcourt Brace, New York (1955)
- Readings for Today, ed. Weisinger and Lawrence, Ronald Press, New York (1955)
- Chemistry, Science Service, Washington, p. 24-30 (Jan. 1955)
- New Outlook, p. 20-28 (May 1955)
- The Adelphi, University College, London (1955)
- Excerpts in L'Express, 87: 6 (1/22/55)
- La Vie Intellectuelle, Paris, p. 5-15 (Jan. 1955)
- Aublicke auf Kunst und Wissenschaft, Physikalische Blätter, 10: 433-440, Mosbach, Baden (1955)
- This is My Philosophy, ed. Whit Burnett, Harper & Bros., New York (1956)
- Great English and American Essays, ed. D.S. Mead, Rinehart, New York (1957)
- Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)
- The World's Great Speeches, ed. Copeland & Lamm, Dover Pub., New York (1958)
- A Treasury of Great American Speeches, ed. C. Hurd, Hawthorn Books, New York (1959)
- Freshman Reader, ed. C. Shrodes, MacMillan, New York (1959)
- Living Issues, ed. Rosenthal and Rudman, Ronald Press, New York (1961)
- Science and the Future of Mankind, WAAS 1, ed. H. Boyko, W. Junk, The Hague (1961)
- English and American Prose Works, ed. C.T. Wells, Houghton Mifflin Co., New York (1961)
- Human Value in the Atomic Age, ed. L.A. Green, Wm. Brown Co., Iowa (1963)
- Fifty Great Essays, ed. E. Huberman, Bantam Books, New York (1964)
- Analogy in Science, American Psychological Assoc., San Francisco (9/4/55).
American Psychologist, 11, 3: 127-135 (March 1956)
Centennial Review of Arts & Sciences, Michigan State Univ. Press (1958)
General Psychology Readings, Wadsworth Pub. Co. (1964)
Humanistic Viewpoints in Psychology, ed. F. T. Severin, McGraw Hill, New York (1965)
- Appreciation of Fermi, New Mexican, Los Alamos (1/6/55)

Robert Oppenheimer, bibliography, page 10

The Constitution of Matter, Condon Lectures, Oregon State System of Higher Education (April, May 1955). The Constitution of Matter, University of Oregon Press (1956)

Electron Theory: Description and Analogy, The First John Franklin Carlson Lecture, Iowa State College (5/17/55). Physics Today, 10, 7: 12-20 (July 1957)

— The World of the Atom, Vol II, ed. H.A. Boorse and L. Motz, Basic Books, Inc., New York and London, p. 1206-1222 (1966)

The Open Mind, Simon and Schuster, New York (1955); Paperback (1960)

L'Esprit Libéral, Gallimard, Paris (1957)

Atomkraft und Menschliche Freiheit, Rowohlt Verlag, Hamburg (1957)

Message for Niels Bohr's 70th Birthday. Dagens Nyheder, Copenhagen, p. 8 (10/7/55); Politken, Copenhagen, p. 16 (10/7/55)

Einstein, Princeton Packet (April 1955)

Welcoming Address, General Circulation Conference, Geophysics Research Directorate, Institute for Advanced Study, Princeton (October 1955). Proceedings of the General Circulation Conference (1958)

Statement on Einstein's theories, "I've Got a Question," This Week Magazine, p. 9 (2/5/56)

Einstein. Rev. Mod. Phys. 28: 1-2 (1956)

Physics Tonight (General Title, "Anticipations"), American Institute of Physics 25th Anniversary Celebration, New York (2/3/56). Physics Today (July 1956)

—"On the Collateral Lives of Physicists," Science, 123, 3193: 297 (Mar. 1956)

Where is Science Taking Us? The Saturday Review, p. 58 (3/24/56)

The Growth of Science and the Structure of Culture: Comments on Dr. Frank's Paper. Science and the Modern World View Conference, American Acad. of Arts & Sciences, Boston (5/5/56). Daedalus, 87, 1: 67-76 (1958)

— Science and the Modern Mind, ed. G. Holton, Beacon Press, Boston, p. 63-73 (1958)

— Nowa Kultura, Warsaw (8/31/58)

Science and Our Times, Roosevelt University Founders and Friends Dinner, Chicago (5/22/56). Bull. Atom. Sci., 12, 7: 235-237 (September 1956)

"Science and Modern Society," New Republic, p. 8-9 (8/6/56)

Khoa-Hoc Và Thời-Dại Chúng Ta, Huong Xa, Viet Nam, pubd. by U.S., 4: 32-35 (1957)

Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)

Science and the Future of Mankind, World Acad. of Art and Science 1, ed. H. Boyko, W. Junk, The Hague (1961)

Robert Oppenheimer, bibliography, page 11

- Talk to Undergraduates, The Caltech YMCA, California Institute of Technology, Pasadena (3/4/57). Engineering and Science Monthly, 20: 17-21, Calif. Inst. of Technology (1957)
- "Impossible Choices," Science, 125, 3256: 1021 (1957)
- What the Colleges are Doing, Ginn and Co., Boston (1957)
- Representative American Speeches: 1957-58, ed. A.C. Baird (1958)
- New Outlook, 11, 2: 55-56 (1958)
- "A Talk to Young Scientists," Science Perspectives, The Library of Science, 1, 2: 6-7 (1958)
- Chemical Bulletin, 45, 9: 11-12, Chicago (1958)
- The Kansas Teacher, 67, 6: 18-20, 39-40 (1959)
- Frontiers in Science, ed. E. Hutchings, Jr., Basic Books, Inc., New York (1958)
- Readings in Sociology, 2nd ed., Thomas Y. Crowell Co., New York (1960)
- Whose is Atomic Power?, Chuo Koran Sha, Tokyo (1957)
- The Environs of Atomic Power, Columbia University 12th American Assembly, Arden House (Oct. 1957). Atoms for Power, Columbia Univ. Press (1957)
- Abstract, "The Implications of Atomic Power," Main Currents in Modern Thought, Journal of Foundation for Integrated Education, Inc., New York, 14, 4: 87 (March 1958)
- L'Age Nucleaire, Paris, 11: 173-181 (1958)
- Science, Values, and the Human Community, Fulbright Conference on Higher Education, Sarah Lawrence College (6/14/57). Bull. Atom. Sci., p. 7 (excerpt) (Jan. 1959)
- Issues in University Education, ed. C. Frankel, Harper & Bros., New York (1959)
- Theory Versus Practice in American Values and Performance, Massachusetts Institute of Technology Conference, Dedham (May 1957).
- The American Style: Essays on Value and Performance, ed. E. E. Morrison, Harper & Bros., New York (1958)
- "An Inward Look," Foreign Affairs, p. 209-220 (Jan. 1958)
- Second-Rate Brains, p. 86-96, Doubleday News Book, New York (1958)
- Richard Chace Tolman, Encyclopaedia Britannica (1959)
- The Tree of Knowledge, International Press Institute, Washington (4/15/58)
- Harpers Magazine, p. 55-60 (Oct. 1958)
- Le Monde, Paris (5/31/58)
- Technion Yearbook, 16: 35-37, 133-136, American Society for Technion, New York (1959)
- Anthology of Expository and Narrative Prose, ed. W.R. Steinhoff and A.J. Carr, Harpers, New York (1960)
- Readings in Sociology, ed. J.F. Cuber, Appleton-Century-Crofts (1961)
- Sociology: Introductory Readings, ed. R. Bain, J.B. Lippincott Co., (1962)
- The Scientist vs. the Humanist, ed. G. Levine and O. Thomas, W.W. Norton (1963)
- Essays for Freshman English, ed. J.H. Justus, Prentice Hall (1966)
- Le Livre de l'Occident, Les éditions de la grange batelière, Paris (1966)

Robert Oppenheimer, bibliography, page 12

- Review of A Study of Thinking by Jerome S. Bruner, Jacqueline J. Goodnow, the late George A. Austin; with an Appendix on Language by Roger W. Brown, publication of the Harvard Cognition Project, John Wiley & Sons, New York; Chapman and Hall, London. Sewanee Review, 66: 481-490 (Summer 1958)
- L'arbre de la science, University of Paris (1958). Sciences, 2: 73-85 (1959)
——— Excerpt in Physique et Chimie, Paris (1959)
——— Ciencia e investigacion, Buenos Aires, 5: 151-160 (May 1960)
——— Arabic translation in newspaper published in Shiraz, Iran (1961)
——— Rassegna, Milano (1964)
- Description des Particules et Interactions Elementaires, University of Paris (1958). Mimeographed by Office National des Universites et Ecoles Francaises, Paris (1959)
- Interview, Radiodiffusion-Télévision Francaise, Paris (June 1958). Excerpts in Realités, p. 84 (Dec. 1958)
- Discussion of La Science Moderne et la Riason by Jean Ullmo, Societe Francaise de Philosophie, Paris (April 1958). Bulletin de la Societe Francaise de Philosophie, 52, 61-72, 96-91 (1958)
- L'espoir d'ordre, Jeunes-Science, Paris (Nov. 1958)
- Concluding Remarks Rochester-CERN Conference (1958) Geneva. CERN Proceedings (1959)
- The Mystery of Matter, Saturday Evening Post, Adventures of the Mind Series, 7: 16-17, 79-81 (7/5/58)
——— Adventures of the Mind, Knopf, New York (1959)
——— Atomes, 151: 5-10, Paris (Jan. 1959)
- Science and Statecraft, Weizmann Institute Dinner, New York (12/2/58). Pamphlet of American Committee for the Weizmann Institute (1959)
——— Midstream, A Quarterly Jewish Review, 5, 2: 2-4, 105-106, New York (1959)
——— The Mission of Israel, ed. J. Baal-Teshuva, R. Speller & Sons, New York (1963)
- Tradition and Discovery, American Council of Learned Societies, Rochester (1959). ACLS Newsletter, 10, 8: 3-19 (1959)
Persuasive Prose, ed. P.A. Duhamel, Prentice Hall (1963)
- Policy and the First Bombs, letter to Science, 130, 3388: 1530, 1592 (12/4/59)
- The Role of the Big Accelerators, Think Magazine, 25, 10: 8-11 (Oct. 1959)
- Talk in program, "The Liberal Spirit in American Life," for dinner honoring Harold Taylor (5/21/59). Pubd. by Sarah Lawrence College (1959)

Robert Oppenheimer, bibliography, page 13

In the Keeping of Unreason, Congress for Cultural Freedom seminar on
Industrial Society and Western Political Dialogue, Rheinfelden, Switzerland
(Sept. 1959)

—Abridged, L'Express, p. 16, 25, Paris (10/15/59)

—Bull. Atom. Sci., 16, 1: 18-22 (1960)

—Colloques de Rheinfelden, Calmann-Levy, Paris (1960)

—Cuadernos, 40: 9-12, Congress for Cultural Freedom (1960)

—Abridged, Prospective, 5, Paris (May 1960)

—World Technology and Human Destiny, University of Michigan Press (1963)

The Need for New Knowledge, Symposium on Basic Research, National Academy of
Sciences, American Assoc. for Advancement of Science and Alfred P. Sloan
Foundation, New York (May 1959). Symposium on Basic Research, Publication
No. 56, American Assoc. for Advancement of Science, Washington (1959)

—Revista de Occidente, Madrid (April 1963)

The Constitution of Matter: Where We Stand Today, Space Technology Labs.,
Los Angeles (10/23/59). Selections from the Space Technology Laboratories
Lecture Series, 1: 22-30 (1961)

Some Reflections on Science and Culture, McNair Lecture, University of North
Carolina (11/12/59). Printed by Univ. of North Carolina (1960)

Tradition and Discovery, University of Puerto Rico, Rio Piedras (2/17/60).
Revista Facultad Estudios Generales, Universidad de Puerto Rico, 11: No. 4:
(Agosto 1960)

The Houses of Science, American Institute of Architects, San Francisco (April
1960). AIA Journal, 33, 6: 58-64 (June 1960)

A Time of Sorrow and Renewal, Congress for Cultural Freedom 10th Anniversary
Conference, Berlin (June 1960). Encounter, 16, 2: 70-27 (Feb. 1961)

—Die Bewahrung der Demokratie im 20. Jahrhundert, Zurich (1961)

Freedom as an Attribute of Human Life, Progress of Ideas Discussion at CCF
Conference, Berlin (June 1960). History and Hope, ed. K.A. Jelenski,
Routledge and K. Paul, London, p. 160-161 (1962)

Science and Culture, International House of Japan, Tokyo (Sept. 1960).
International House of Japan Bulletin, 6: 2-10, 21 (Oct. 1960)

An Afternoon with Professor Oppenheimer, Society of Science and Man, Tokyo (1960).
Science and Man, 2: 2-20, Tokyo (Dec. 1960)

Future of Civilization in the Scientific Age, International House of Japan
(9/21/60). France-Asie, 17: 166, 1807-1815 (Mars-Avril 1961)

Secretary Stimson and the Atomic Bomb, Dedication of Stimson House, Phillips
Academy, Andover, Mass. (2/25/61). The Andover Bulletin, 55: 11-12 (1961)

Robert Oppenheimer, bibliography, page 14

Reflections on Science and Culture, University of Colorado (6/21/61).
Colorado Quarterly, 10: 101-118 (Autumn 1961)

Reflections on Science and Culture, University of Alberta, Edmonton, Canada
(4/25/61). Pamphlet pubd. by University of Alberta (1961)

Reflections on Science and Culture, Instituto Mexicano Norteamericano de
Relaciones Culturales, Mexico City, under auspices of Organization of
American States (6/8/61). The Mexico Quarterly Review, 1, 2: 67-83,
Mexico City (Spring 1962)

——— Boletín de la Sociedad Mexicana de Física, 6: 78, Mexico City (1961)

——— Rassegna, 39, 1: 11-19, Milano (1962)

——— Revista de la Universidad de Buenos Aires, 6, 2: 219-236 (1961)

——— Quito, Ecuador (May 1962)

Some Human Problems of our Scientific Age, Tribune Libre Universitaire, Brussels
(10/18/61). Official Review of Tribune Libre Universitaire (1961)

Talk at Instituto de Pesquisas da Marinha, Brazil (9/20/61). Oppenheimer fala
à Marinha, pubd. by Instituto da Marinha (1961)

The Flying Trapeze: Three Crises for Physicists, Whidden Lectures, McMaster
University, Hamilton, Ontario (1962). The Flying Trapeze, Oxford
University Press, London (1964)

Drei Krisen der Physiker, Walter-Verlag, Hamburg (1965)

Den Flyvende Trapez, Gyldendal, Copenhagen (1965)

Den Flygande Trapetsen, Bonniers, Stockholm (1966)

"War and the Nations," Chapter III, Host Do Domu, Czechoslovakia (1966)

On Science and Culture, Geneva (6/27/62). Encounter, October 1962

Cuadernos, 67: 3-12, Brazil (Dec. 1962)

Syn og Segn, 68, Oslo (1962)

Savoir et Vulgarisation, 39, Recherches et Débats du Centre Catholique des
Intellectuels Français, Paris (Juin 1962)

Jiyu, p. 76, Japan (Dec. 1962)

Wissenschaft und Kultur, Norddeutscher Rundfunk, Hamburg (1963)

Tematy, 6, Poland (1963)

Tempo Presente, 8, 1: 1-10, Rome (1963)

Bonniers Litterära Magasin, Stockholm (1963)

Understanding Education, ed. L.A. Fiedler and J. Vinocur, St. Martin's
Press (1963)

Essays for College Students, ed. C.M. Babcock, Houghton Mifflin (1963)

Les Etudes Philosophiques, 4, Oct-Nov., Paris (1964)

Science and Humanity Year Book, 3, Moscow (1964)

Classical Rhetoric for the Modern Student, ed. E.P.J. Corbett, Oxford
University Press (1965)

The Purposes of a Liberal Education, p. 28-45, Pacific Lutheran Univ.,
Tacoma, Washington (1966)

Robert Oppenheimer, bibliography, page 15

Niels Henrik David Bohr, Year Book of The American Philosophical Society,
p. 107-117 (1963)

The Added Cubit, National Book Awards, New York (3/12/63). Encounter, 21,
2: 44-47 (Aug. 1963)

— Bull. Atom. Sci. (1963)

— Epoches, 5, Athens (Aug. 1963)

— Yomiuri Shimbun, Tokyo (Nov. 1963)

— Excerpts in Music and Arts, Sunday Post Dispatch (3/24/63)

Introduction to "The Philosophy of Niels Bohr" by A. Petersen. Bull. Atom. Sci., p. 9 (Sept. 1963)

Review of Dawn of a New Age by Dr. E. Rabinowitz. New York Review of Books
(9/26/63)

Communication and Comprehension of Scientific Knowledge, National Academy
of Sciences Centennial, Washington (10/23/63). Proceedings of the
National Academy of Science, 50, 6: 1194-1200 (Dec. 1963)

— Science, 142, 3596: 1143-1146 (11/29/63)

— The Scientific Endeavor: Centennial Celebration of the National Academy
of Sciences, p. 271-279, The Rockefeller Institute Press (1965)

The Scientific Revolution and its Effect on Democratic Institutions,
Symposium on "Challenges to Democracy," Fund for the Republic, Chicago
(6/13/63). "A Talk in Chicago," Bull. Atom. Sci., 19, 8: 4-6 (Oct. 1963)

The Fraternal Dialogue, Universite de Paix, Belgium (9/27/64). From Heart to
Heart, 15: 1-3 (Nov. 1964)

— Neutralität, 6/7, Basel, Switzerland (1964)

L'Intime et le Commun, Rencontres Internationales de Genève, Genève (9/2/64).
Proceedings of XIX Rencontres Internationales de Genève, Les Editions
de la Baconnière, Neuchâtel, Switzerland (1964)

Some Reflections on Science and Culture, University of California, Santa
Barbara (10/14/65). Journal of Secondary Education, Burlingame, Calif.
(March and April 1966)

Foreward to Nature of Matter-Purposes of High Energy Physics, ed. L.C.Y. Yuan,
Brookhaven National Laboratory (1965)

— Excerpts in Current, p. 64, New York (Aug. 1965)

— "On the Need for Higher Energies," Tekhnika Molodyozhi, 4, Moscow (1965)

Alpha or Omega Was 20 Years Ago. The Washington Post Outlook, Section E,
p. 1 (7/11/65)

— London Sunday Times Magazine (July 1965)

Robert Oppenheimer, bibliography, page 16

Review of Rutherford and the Nature of the Atom by E.N. da C. Andrade, The New York Review of Books, 2, 7: 9-10 (5/14/64)

Remarks on Symmetry Principles, High Energy Physics Conference, University of Miami (1/20/65). Proceedings of High Energy Physics Conference (1965)

Science in the Making, National U.S. Army Junior Science and Humanities Symposium, West Point (4/30/65). Proceedings of the National Junior Science & Humanities Symposium (1965)

Physics, Chapter 4, Listen to Leaders in Science, ed. A. Love and J.S. Childers, p. 43-56, Tupper and Love, Atlanta, and David McKay Co., New York (1965)

Our Times as Galilean Times, Saggi Su Galileo Galilei, Consiglio Nazionale delle Ricerche, Rome (1965)

Niels Bohr and the Atomic Nucleus, The War Memorial Address, Milton Academy, Milton, Mass. (5/5/65). Milton Bulletin, 28, 2: 4-17 (June 1965)

On Albert Einstein, UNESCO, Paris (12/13/65). New York Review of Books, 6, 4: 4-5 (3/17/66)

— Nouvel Observateur, p. 18-19, Paris (12/22/65)

— America Illustrated, U. S. Information Agency, Washington (Soviet Union, 121; Poland, 94, 1966) (Span, India, April 1967)

— Readings for Liberal Education, 5th ed., ed. Locke, Gibson and Arms, Holt, Reinhart & Winston, New York (1967)

The Symmetries of Forces and States, Preludes in Theoretical Physics in Honor of V. F. Weisskopf, North Holland Pub. Co., Amsterdam (1966)

Physics and Man's Understanding, Smithsonian Bicentennial Celebration, Washington (9/17/65). "Knowledge Among Men," Encounter (April 1966)
Smithsonian Bicentennial Addresses, Simon & Schuster (1966)
Perspectives in Modern Physics, Essays in honor of Hans A. Bethe Festschrift, ed. R.E. Marshak, John Wiley & Sons, New York (1966)
The World of Wiley, New York, p. 306 (Spring 1967)
"Physics and Man's State," Enciclopedia Tematica Universal, Compania Internacional, Barcelona, Spain (1967)

Thirty Years of Mesons, American Physical Society, New York (1/27/66).
Physics Today, 19, 11: 51-53, 55-58 (Nov. 1966)
Sapere, 68, 685: 16-19, 52-53, Milano (1967)

The Forbearance of Nations, New York Herald Tribune-Washington Post, Paris (12/9/66)