

CURRICULUM VITAE
MICHAEL SCRIVEN

A. FORMAL EDUCATION

- 1948 B.A. Honours School of Mathematics, University of Melbourne
1950 M.A. Combined Honours School of Mathematics and Philosophy, University of Melbourne. Thesis title: "The Scope and Limitations of Formal Logic"
1956 D.Phil., School of Literae Humaniores, Oxford University. Supervisor, Gilbert Ryle; examiners, H. H. Price and R. B. Braithwaite. Thesis title: "Explanations" (a study of the logic of explanations in the sciences and the humanities)
2013 D. Ed. (Honoris causa) University of Melbourne

B. PRINCIPAL INSTITUTIONAL APPOINTMENTS

- 1949 Teaching Assistant, Mathematics Department, University of Melbourne
1952–56 Instructor, Philosophy Department, University of Minnesota
1953–56 Research Associate, Minnesota Center for the Philosophy of Science, University of Minnesota
1956–60 Assistant Professor, Philosophy Department, Swarthmore College
1960–66 Professor, Department of History and Philosophy of Science, Indiana University
1962 Fellow, Center for Advanced Study of Behavioral Sciences, Stanford University
1963 Fellow, Center for Advanced Study in the Behavior Sciences, Stanford, California
1966–78 Professor, Department of Philosophy, University of California, Berkeley
1970–71 Alfred North Whitehead Fellow for Advanced Study in Education, Harvard University
1973–92 Senior National Lecturer in Evaluation (Lecturer, 1986–89) for the external Ed.D. degree program, Nova University, Fort Lauderdale, Florida (equivalent to Head of Department)
1975–77 Special Assistant to the Vice-Chancellor, University of California, Berkeley. (Duties were evaluation of new programs and redesigning the faculty evaluation procedure)
1975–78 Professor, Department of Education, University of California, Berkeley. (100% appointment in philosophy converted at my request to a 50-50 appointment with education.) Seminars taught included moral education, the teaching of scientific method and reasoning skills, program and curriculum evaluation
1978–82 University Professor & Director of the Evaluation Institute, University of San Francisco
1982–89 Professor, Department of Education, University of Western Australia
1983–89 Founding Director, Centre for Tertiary Education Studies, University of Western Australia (a unit doing research, service, and evaluation of tertiary teaching, research, and admission policies)
1990 Professor Emeritus, University of Western Australia (elected early retirement)

- 1989–92 Professor and Director of the Evaluation Institute, Pacific Graduate School of Psychology, Palo Alto, California
- 1990–94 Adjunct Professor of Philosophy, Western Michigan University, and Project Director (of the Evaluation of Teaching project) at the Evaluation Center, WMU
- 1995–97 Honorary Faculty, Stanford Graduate School of Education
- 1996–99 Visiting Professor, Department of Educational Research Methodology, University of North Carolina/Greensboro in 1996-7; subsequently appointed Adjunct Professor, 1997–2000
- 1997–02 Professor of Psychology and Director of the Evaluation Program, Claremont Graduate University; directorship but not professorship relinquished 2000–2001; re-assumed directorship in Spring, 2002
- 2003–04 Professor of Evaluation, School of Education, Auckland University, Auckland, New Zealand
- 2004–07 Professor of Philosophy, College of Arts and Sciences; Associate Director of The Evaluation Center; Director of Interdisciplinary Ph.D. in Evaluation; Western Michigan University
- 2007– Professor of Psychology, Claremont Graduate University
- 2008– Senior Research Associate, Evaluation Center, Western Michigan University
- 2009–12 Director of Institutional Research, Palo Alto University
- 2013– Co-Director of Claremont Evaluation Center

C. SUMMER AND OTHER SHORT APPOINTMENTS

- 1948 Research Laboratories, General Post Office, Melbourne, Australia (research on projecting drift rate of the Australian fundamental time standard)
- 1949 Aerodynamics Laboratory, Commonwealth Scientific and Industrial Research Organization, Melbourne, Australia (research on design of suction wing aerofoils)
- 1959–60 Hollins College, Virginia (NSF lecturer—philosophy of science)
- 1959–60 New School of Social Research, New York (general philosophy)
- 1960 Yeshiva University, New York, Department of Psychology (summer)
- 1960–62 Wesleyan University, Connecticut (general philosophy—summers)
- 1963 RAND Corporation, Santa Monica, California, (task force on the failure of the STRETCH Russian-language translation program—summer)
- 1964 Harvard University, Cambridge, Massachusetts (general philosophy—summer; plus supervision of doctoral theses on methodological topics in the department of anthropology)
- 1967 Center for the Study of Democratic Institutions, California (philosophy of social science—summer)
- 1968 Wenner-Gren Foundation for Anthropological Research, Austria, “Social Organization Subsistence in Primate Societies” (summer research appointment as the resident philosopher of the social sciences)
- 1969 Sydney University, Australia (invited university lecture series on philosophy of science—summer)
- 1970–00 Summers on contracts or 12-month basic appointments

D. EDITORIAL BOARDS, EDITORIAL REVIEW PANELS & EDITORSHIPS

- 1956–58 *American Journal of Physics*
1957–58 *Scripta Mathematica*
1958–62 *American Mathematical Monthly*
1963–78 *Science*
1964–67 *Journal of Nervous and Mental Disease*
1964–77 *International Journal of Psychiatry*
1967–69 *Encyclopedia of Philosophy*
1967–71 *American Philosophical Quarterly*
1968– *Metaphilosophy*
1969–72 *American Educational Research Journal*
1971–77 *Educational Researcher*
1972–75 *Behaviorism*
1974–89 *Journal of the History of the Behavioral Sciences*
1974–77 *Theory and Research in Social Education*
1975– *American Psychologist*
1975– *Journal of Social and Biological Structures: Studies in Human Sociobiology*
1976–84 *Evaluation News* (Founding Editor 1976–78, Associate Editor 1978–80)
1976–83 *Evaluation Studies Review Annual, vols. 1–6*
1976 *Evaluation Comment*
1976–87 *Journal of Moral Education*
1978– *Teaching Philosophy*
1978– *Journal of Higher Education*
1978– *Philosophy of Science*
1979– *Educational Evaluation and Policy Analysis*
1979–81 *Educational Researcher* (Editor, Research Notes column)
1980–82 *Evaluation Notes* (Editor)
1983– *Journal of Educational Computing Research*
1983– *Informal Logic* (Board of Referees, and Judge for 1991 essay competition)
1983–91 *University MicroNews* (editor)
1985– *International Journal of Applied Philosophy*
1987– *Journal of Personnel Evaluation in Education*
1987–88 Macintosh Space in *OVERVIEW*, a videotext magazine
1987–89 *Wings for the Mind* (editor: official magazine of the Apple University Consortium, Australia)
1987–89 *Education Research & Perspectives* (and guest editor for a special edition on Computers in Education, with M. Lally)
1988–89 *Professional Personnel Evaluation News* (Co-editor with Daniel Stufflebeam)
1988–92 *Evaluation Journal of Australasia*
1990–99 *Technology Studies*
1991– *New Directions in (Program) Evaluation* (published by Jossey-Bass, for the American Evaluation Association); in 1995, the term “program” was dropped from the title at my request.)
1995– *Evaluation and Research in Education*

1996– *Pacific Educational Research Journal*
2004– *Journal of MultiDisciplinary Evaluation* (Founding Editor)

E. GOVERNING AND ADVISORY BOARDS, ELECTED OR INVITED EXECUTIVE COMMITTEE APPOINTMENTS, ETC.

- 1958–60 Secretary, American Association of University Professors, Swarthmore College chapter
- 1963–70 Advisory Board, Behavioral Research Laboratories
- 1963–71 Board of Directors, Social Science Education Consortium, Inc.
- 1965 Nominating Committee, American Philosophical Association, Western Division
- 1965–67 Advisory Board, Kinsey Sex Research Institute, Indiana University
- 1965–75 World Law Fund, Secondary School Advisory Board
- 1968– Advisory Board, Institute for Rational Psychotherapy
- 1968–70 Chairman, Student Affairs Committee of the Academic Senate, University of California, Berkeley
- 1969–70 Vice-President, Berkeley Faculty Union, American Federation of Teachers, Local 1474
- 1969–72 American Association for the Advancement of Science, Governing Board (representative, Division L, History and Philosophy of Science).
- 1970–71 National Science Foundation, Advisory Panel for History and Philosophy of Science
- 1970 Board of Directors, Independent Learning Systems, Inc.
- 1970–71 American Association for the Advancement of Science, National Committee on Population and Reproduction Control (Garrett Hardin, chair)
- 1970–72 Chairman of Evaluation Advisory Committee, Central Mid-West Regional Education Laboratory
- 1971–74 American Psychological Association, Board for Social and Ethical Responsibility
- 1972–75 Board of Directors, Philosophy of Science Association
- 1972–74 National Committee, Center for War/Peace Studies
- 1972 Chairman, Master Panel, National Institute of Education Review of Federal Research and Development Programs
- 1972–73 Chairman, Teaching Committee of the Academic Senate, University of California, Berkeley; and Chairman, Student Affairs Committee, 1974-77
- 1973–74 Ford Foundation Advisory Committee on Moral Education
- 1973–77 Member, Council on Educational Development, Academic Senate, University of California, Berkeley
- 1973–77 American Philosophical Association, Committee on the Teaching of Philosophy
- 1974–77 Advisory Board, University of San Francisco School of Education
- 1974–78 Advisory Board on Science Education, National Science Foundation
- 1975–80 Governing Board, Evaluation Network
- 1975–77 Council on Educational Development, U.C. Berkeley, Chairman of the Grants Committee

- 1975–77 Liaison Officer, Western Association of Schools and Colleges, representing the University of California at Berkeley
- 1976–82 Faculty Affiliate, Center for the Study of Evaluation, UCLA
- 1976 Organizing Committee, Philosophers' Committee for Human Rights in Chile, American Philosophical Association
- 1977 Chair, Computer Applications Committee, USF
- 1977 Advisory Committee, National Project on Philosophy and Engineering Ethics, Center for the Study of the Human Dimensions of Science and Technology (NSF funded)
- 1977–78 President, Evaluation Network (Board 1975–80)
- 1978–79 President, American Educational Research Association. (Board 1977–80)
- 1982–84 Executive Committee, Australian Association for Research in Education
- 1986–88 Executive Committee, Philosophy for Children (Western Australia)
- 1987–89 Governing Board, Philosophy of Education Society (Australia)
- 1986–87 Executive Committee, Association for Informal Logic and Critical Thinking
- 1986–89 University Policy and Planning Committee, University of Western Australia (Vice-Chancellor's representative)
- 1986–89 University Equipment Committee, University of Western Australia
- 1986–89 University Computer Committee, University of Western Australia
- 1987–89 University Promotions and Tenure Committee, University of Western Australia
- 1987–89 University Council, University of Western Australia, (Vice-Chancellor's representative)
- 1990–91 Chair, Computer Task Force, Pacific Graduate School of Psychology
- 1990–98 Evaluation Committee, Global Fund for Women
- 1990–93 Executive Committee, National Council for Excellence in Critical Thinking Instruction
- 1991–94 Advisory Board, Federal R&D Center for Teacher Learning, Michigan State
- 1991–95 Evaluation Advisory Board, National Community Development Initiative (the largest private effort to provide low-cost housing, financed by eight foundations and a bank)
- 1991–93 Advisory Board, Center for Critical Thinking, Christopher Newport University
- 1995–98 Advisory Board, Synergy (a multi-foundation effort to develop software for nonprofits)
- 1996– Chair, Advisory Board, ERIC Center for Assessment and Evaluation (ERIC/AE)
- 1999 President, American Evaluation Association
- 1999–00 Advisory Boards for selection of a new president and a new provost for C.G.U.
- 2005 Advisory Board of Rehabilitation Engineering, Research Center on Technology Transfer, University of Buffalo

F. GRANTS, AWARDS, DISTINCTIONS

- 1951–52 Study and research grant, Nuffield Foundation, Oxford

- 1960–61 Study and research grant, Carnegie Corporation
- 1966–71 National Science Foundation research grant (project title: “The Nature of Scientific Understanding”)
- 1965, 80 Distinguished Visiting Scholar, Center for Advanced Study in Theoretical Psychology, University of Alberta, Edmonton, Canada
- 1970 Distinguished Visiting Scholar, Educational Testing Service, Princeton, New Jersey
- 1971–72 United States Office of Education Grant (Principal Investigator; research work for the Planning Unit of the National Institute of Education)
- 1972–73 National Institute of Education, Director of Model Training Program for Evaluators
- 1974–75 National Science Foundation Grant (Principal Investigator: project title, “Scientific Evaluation”)
- 1976 University of San Francisco School of Education, Most Valuable Contribution award (for a member of one of its external advisory panels)
- 1976–88 Fellow, Institute of Higher Studies, Santa Barbara (a spin-off from the Center for the Study of Democratic Institutions)
- 1980 Winner of the President’s Prize Competition, Evaluation Network
- 1981 Special award for contributions to the development of the profession of evaluation, from the American Evaluation Association
- 1983–93 Honorary Fellow, Center for Critical Thinking and Moral Critique, Sonoma State University, California
- 1984– Fellow, Australian Academy of the Social Sciences
- 1986 Lazarsfeld Prize, awarded by the American Evaluation Association for outstanding research contributions to the field of evaluation
- 1988–90 Australian Representative of the International Society for the Study of Argumentation (Secretariat: University of Amsterdam)
- 1990–93 Consulting Professor, Stanford University Graduate School of Education (honorary appointment)
- 1992–93 American Educational Research Association-National Science Foundation Senior Evaluation Fellow
- 1996 Donald Campbell Award of the Policy Studies Association (citation reads “...as an outstanding methodological innovator in public policy studies”)
- 1996 The Thomas Jefferson Award for outstanding contributions to promoting free speech, due process, and merit treatment from the Miriam K. Miles Research Center for Super-Optimizing Analysis and Developing Nations
- 1996–99 Adjunct Professor, Department of Educational Research Methodology, University of North Carolina/Greensboro
- 2001 Wilbert J. McKeachie award for lifetime contribution to the study of faculty evaluation and development, awarded by the Special Interest Group on Faculty Evaluation and Development of the American Educational Research Association
- 2001 Jason Millman award for scholarly contributions to educational theory and practice, awarded by CREATE (Coalition for Research and Evaluation on Teacher Education)

- 2001 Robert Ingle award for outstanding service to the American Evaluation Association
- 2001 California Educational Research Association award in recognition of accomplishments in the field of research and evaluation
- 2004 Award of Merit for outstanding leadership and achievements in the teaching of philosophy, American Association of Philosophy Teachers
- 2006 Honorary Member, Phi Beta Kappa, Theta chapter of Michigan.
- 2008 Honored as Fellow of the American Education Research Association (AERA) in recognition of sustained achievement in education research
- Listings: (various editions of) Who's Who in America, Who's Who in Australia, American Men of Education, International Scholars Directory, The Writers Directory, Directory of American Scholars, Dictionary of International Biography

[THE NEXT SIX SECTIONS ARE BACKGROUND MATERIAL, SOMETIMES REQUESTED: SECTION M, PUBLICATIONS, RESUMES HARD CORE CV MATERIAL]

- G. SOME CONSULTANTSHIPS, CONTRACTS, & CLIENTS** (samples from 1977–1993)
- 1964–82 Proposal Referee, National Science Foundation
 - 1964 Publisher's reviewer for *The Fabric of Geology*, the Geological Society of America's 75th anniversary volume, C.C. Albritton, ed., Freeman, Cooper & Co.
 - 1967–68 United States Air Force, contract on training for flight officers and astronauts in emergency decision-making methodologies
 - 1968– Consultant and Field Reader, United States Office of Education
 - 1969 University of Utah Medical School Curriculum Review Committee
 - 1969 Case-Western Reserve Medical School Curriculum Review Committee
 - 1969 Marin County, California, Social Studies Project (curriculum reform in the schools)
 - 1970 Workshop leader at the Santa Fe Conference on College Teaching (Carnegie)
 - 1970– Proposal referee, National Institute of Mental Health
 - 1970–72 Bureau of Education of the Handicapped, National Training Committee, USOE
 - 1970– Lecturer at the Executive Seminar Center, U.S. Civil Service Commission, Office of Personnel Management, Berkeley/San Francisco/Denver; on "Ethics for the Federal Manager" (90+ seminars)
 - 1971 Advisory Committee, Experimental Schools Program, USOE
 - 1971 Technical Policy Advisory Board, Belmont Project, USOE
 - 1971 Russell Sage Foundation, Committee on Student Records Policy (formulated basis for the "Buckley Amendment")
 - 1971 Consultant, Bureau of Research Policy, USOE
 - 1971 Materials Development Grant, Research Training Branch, USOE: to develop and deliver national courses in "Qualitative Educational Evaluation"

- 1971– Consultant, National Science Foundation, Education Directorate
- 1971–72 Consultant, National Center for Educational Research and Development, USOE, Division of Manpower and Institutions
- 1972–74 Consultant, Educational Testing Service project (NSF funded) to evaluate Computer Assisted Instruction (PLATO-TICCIT)
- 1972 Special Consultant to Joint Committee of California Legislature on the Master Plan for Higher Education; commissioned paper on the Evaluation of Higher Education in California
- 1972 Special consultant to the United States National Committee on Secondary Education (Martin Commission); commissioned paper on the state of secondary education in the U.S
- 1972–76 Chairman of Meta-Evaluation Team, Title VII-ESAA Evaluation, for Systems Development Corporation (USOE funds)
- 1972–73 Co-Director, American Educational Research Association Traveling Training Institutes on Evaluation (with D. Stufflebeam)
- 1971/73 National Center for Educational Communication, USOE, Product Evaluation Panel
- 1973 Consultant, Far West Laboratory for Educational Research, San Francisco: commissioned to do a management evaluation of FWL operations
- 1973 Consultant to Vice Chancellor, University of California at Berkeley, to develop plan for the evaluation of teaching at Berkeley
- 1973 Consultant, National Council for Social Studies, National Assessment of Educational Progress Review
- 1973– Proposal reviewing for National Endowment for the Humanities
- 1973 Consultant, Evaluation of Opportunities Industrialization Centers, Philadelphia
- 1973–74 Consultant, Project Talent advisory panel, American Institutes of Research
- 1974 Special Consultant to Dean, School of Education, Rutgers University, evaluation of Social Studies department
- 1974 Consultant to the Evaluation Center, Western Michigan University, in its evaluation of math and science education in Delaware and Oregon, for the National Science Foundation
- 1974–77 Evaluation of NSF-funded computer education project in physics, UC Irvine
- 1974 Evaluation of year-round school project, Fairfield-Suisun School District, California
- 1974 Consultant to the Alameda County School District
- 1974 Consultant to Los Angeles County Schools, Office of the Superintendent
- 1974 AERA Pre-session Workshop in Evaluation
- 1974–75 Consultant, Hawaii English Program (Hawaii State Dept of Education)
- 1975 Field evaluation of Children’s Folklore materials for Southwestern Education Development Lab, Austin
- 1975 Workshop on goal-free evaluation for first meeting of the Evaluation Network
- 1976– National Council for the Study of School Evaluation; study of school self-evaluation procedures
- 1976–78 Consultant, Public Health Service Region IX, San Francisco

- 1976–78 Evaluation of Grading Practices, for the Carnegie Commission on Higher Education
- 1976–78 San Francisco Public Schools Commission, commissioned to develop a system for evaluation of the individual school site (the “School Evaluation Profile”)
- 1976–77 Evaluation of audio-visual courses for the National Library of Medicine’s Audio Visual Center
- 1976–79 Evaluation of the Bay Area Writing Project, funded by Carnegie Corporation
- 1976–78 Consultant to the evaluation by Genesys Systems of return on investment from continuing education for engineers (NSF funded)
- 1976–77 Evaluation of Global Perspectives Program, Center for War/Peace Studies
- 1976 Evaluation of the philosophy department at New York University, for the Dean of Graduate Studies
- 1976 Workshop post-session on program evaluation for the American Educational Research Association’s annual meeting in San Francisco
- 1976 U.S. Air Force Management Training Workshop at Edwards Air Force Base in Palmdale, CA
- 1976 USAF workshop on evaluation at Lowry Air Force Base in Colorado
- 1976 Workshops for U.C. Extension, Berkeley, on the concepts and practice of program evaluation and on real-time reasoning skills
- 1977 Evaluation of the School of Education, University of San Francisco
- 1977 Evaluation of the Core Curriculum, University of San Francisco
- 1977 Evaluation of the statewide database of teaching innovations, for U.C. Santa Barbara
- 1977 Workshop on program evaluation for health professionals, Portland, Oregon, sponsored by Western Consortium for Health Professionals
- 1978 Evaluation of the Philosophy Department, San Jose State University, for the Academic Vice-President (with Patrick Suppes)
- 1978– Evaluation Institute started operating. Most consulting work from 1977–82 is omitted for reasons of space
- 1978–79 Special Consultant to California Teacher Preparation and Licensing Commission to develop new model of external evaluation for accreditation of schools of education in California, based on subsequent performance by graduates; model is now largely implemented
- 1978–80 Gund foundation, Cleveland, evaluation of major effort to decentralize decision making in the Cleveland Public Schools Systems
- 1979 Evaluation of the Kellogg-funded use of a computer-assisted guidance system (SIGI) at the University of California, Irvine
- 1981–82 On-site evaluation of psychological counseling programs provided to inmates and guards, San Quentin prison
- 1983 Commonwealth Schools Commission, Committee on Computer Education, Working Party on Evaluation (Chair)
- 1983–84 Western Australian State Government, the Minister of Education’s State Committee on Secondary Education (the ‘Beazley Committee’) which did a complete evaluation of and recommendations for changes in the state

- secondary education system, followed in 1985 by membership of the Secondary Implementation Committee
- 1983–84 Western Australian State Government, Committee on Secondary Certification and Tertiary Admissions (the ‘McGaw Committee’)
- 1983 Evaluation for Australian Commonwealth Government of alternative admissions procedures for post-secondary education
- 1983–84 Policy study for the Australian Commonwealth Government on university uses of satellites
- 1983–87 Policy study for Australian Commonwealth Department of Education, educational use of high-technology communications systems
- 1984–88 University Use of Microcomputers, four-year project for University of Western Australia; required editing and producing a newsletter, giving workshops, negotiating with vendors, surveying campus microcomputer holdings, etc.
- 1984–87 The State Government of Western Australia: the Deputy Premier’s Science, Industry and Technology Council. (This included the Chairmanship of the Education and Technology Working Party which submitted a lengthy report in June, 1985.) Also served on two other Working Parties of this Committee
- 1984–88 Evaluation study of the PLATO installation at the University of Western Australia
- 1985–86 Commissioned reports for the South Australian Government on the future interaction between education and technology
- 1987–88 Western Australian State Department of Education, commissioned to develop a complete curriculum package for grades 9–11 on Technology Studies, chair of special committee to evaluate the state’s computer education curriculum
- 1988 Evaluation report on the Archaeology Department, for the Budget Committee of the University of Western Australia, and on a system for faculty evaluation, for the Deputy Vice-Chancellor (Staffing)
- 1990–92 Chair, Task Force on Space, Task Force on Computerization, Pacific Graduate School of Psychology
- 1991–94 Director of the Teacher Evaluation Models Project, at the (Federal) Center for Research on Educational Accountability and Teacher Evaluation, Western Michigan University
- 1992–93 Federal Coordinating Committee on Science, Engineering, and Technology (FCCSET), Task Force on federal education expenditures and their evaluation (a Congressionally mandated mission).

Some 1993–00 Consultancies

Office of Educational Research and Improvement (review of National Science Education Standards), University of San Francisco (College of Professional Studies, and Institute for Nonprofit Organizational Management), Marin Community Foundation, Evaluation Center at Western Michigan University, Vancouver General Hospital (Emergency Department), U.S. Education Department (Horace Mann Center, for staff development seminars), Eli Lilly Endowment, National Community Development Initiative, Beryl Buck Institute for Education, Microsoft Corporation, Louisiana Board of Regents,

National Center for Gifted and Talented, National Board of Professional Teacher Standards, United Ways of America, Buck Institute for Education, Institute for Technological Innovation (Ann Arbor), Ventura County (California) Office of Substance Abuse Prevention, National Academy of Sciences Task Force on the Evaluation of College Undergraduate Instructors in Science, Mathematics and Technology

H. SELECTION OF INVITED LECTURES, (1967–1990 only)

- 1967 How to make people think, George A. Miller Centennial Lecture, University of Illinois, Champaign-Urbana
- 1973 Maximizing the power of casual investigations—A philosopher’s point of view, plenary address, American Educational Research Association, Chicago
- 1973 National Assessment Project, National Council on the Social Studies
- 1974 Science as an unscientific activity, plenary address, American Association for the Advancement of Science, San Francisco
- 1974 The suitability of assessment for decision-making, Invitational Conference on Educational Assessment and Educational Policy, Educational Testing Service
- 1974 The two non-cultures: Unscientific science and inhumane humanities, Mandell Lecture, Drexel University, Philadelphia
- 1974 The theory, ethics, and practice of grading, University Lecture, California State University, Sacramento
- 1974 The state of the art of college teaching, University Lecture, University of Denver
- 1974 Race, IQ, and freedom of inquiry, invited address, American Association for the Advancement of Science, San Francisco
- 1974 Evaluation bias and its control, invited address, American Association for the Advancement of Science, San Francisco
- 1975 Ethics as science, Hastings Institute conference on Science and Ethics
- 1975 Causation as explanation, plenary session, American Philosophical Association, Western Division
- 1976 Keynote speaker, National Conference on the Teaching of Philosophy, New York State University at Albany
- 1976 The intellectual dimensions of evaluation research, keynote, Northwest Research and Evaluation Conference, Seattle
- 1976 Concepts of adult literacy, invited address, Twenty-first Annual Convention of the International Reading Association, Anaheim
- 1976 The concept of exceptionality, Mainstreaming Conference, Minneapolis.
- 1976 *The Evaluation of Community and Mental Health Programs*, West Oakland Community Mental Health Center
- 1976 Assessment of the Harnischfeger-Wiley model, American Educational Research Association, San Francisco
- 1976 Lean data strategies for formative evaluation, loc. cit.
- 1976 Bias control systems in evaluation, loc. cit.
- 1976 Evaluation in tight money times, loc. cit.
- 1976 Theory and practice in evaluation: Divorce or reconciliation, loc. cit.

- 1976 The three non-cultures, Hubert H. Humphrey Visiting Lecturer, Macalester College, Minnesota
- 1977 New concepts and trends in evaluation, Kent State University, Kent
- 1977 Reversed causation, Oberlin College, invitational philosophy conference
- 1977 The logic of clinical inference, UCLA Medical School
- 1981 Impacts of micro-electronics on education in the '80s, President's lecture, Sonoma State University
- 1981 Teaching critical thinking, Conference on Critical Thinking, Moral Education and Rationality, Sonoma State University
- 1982 Evaluation as a paradigm for educational research, keynote, Australian Association for Research and Education Conference, Brisbane, Australia
- 1983 Educational technology in the 80s, keynote, Australian and New Zealand Association for the Advancement of Science, Education Division, Perth
- 1985 Post-positivist philosophy of education, keynote, Philosophy Division
- 1985 New frontiers of evaluation, keynote, Combined Annual Meeting of North American Evaluation Societies, Toronto, Canada
- 1986 Probative logic, keynote, 1st International Conference on Argumentation, Amsterdam
- 1989 The philosophy of ordinary logic, plenary paper, Third International Symposium on Informal Logic, Windsor, Ontario
- 1980–99 (5–8 presentations a year)

I. NATIONAL PRESENTATIONS AND WORKSHOPS 2004–2007

- 2004 Qualitative evaluation: Establishing causal connections, professional development course, The Evaluator's Institute, San Francisco, January.
- 2004 Determining causality in program evaluation & applied research: Should experimental evidence be the gold standard?, professional development workshop education debate, Claremont Graduate University's 3rd Annual Professional Development Workshop Series Evaluation and Applied Research Methods, July.
- 2004 Establishing the values for an evaluation: First, the needs assessment, professional development workshop presentation, Claremont Graduate University's 3rd Annual Professional Development Workshop Series Evaluation and Applied Research Methods, July.
- 2004 Practical program evaluation: The checklist approach, professional development workshop presentation, Claremont Graduate University's 3rd Annual Professional Development Workshop Series Evaluation and Applied Research Methods, July.
- 2004 Evaluating faculty teaching in philosophy, plenary paper, 15th Biennial International Workshop-Conference on Teaching Philosophy, Toledo, August.
- 2004 Novel approaches to testing in philosophy, workshop presentation, 15th Biennial International Workshop-Conference on Teaching Philosophy, Toledo, August.
- 2004 Evaluation of distance education, invited keynote speaker, UNESCO Conference on Distance Education, Brazil, October.

- 2004 Foundations, evaluation, and the goal of social change, Part 1: Conceptualizing social change as a process and outcome, panel session discussant, Evaluation 2004: Fundamental Issues from the American Evaluation Association, Atlanta, November.
- 2004 Peacebuilding evaluation: Theory, practice, and questions, panel session chair, Evaluation 2004: Fundamental Issues from the American Evaluation Association, Atlanta, November.
- 2004 Democracy, education, and methodology part I, panel session chair, Evaluation 2004: Fundamental Issues from the American Evaluation Association, Atlanta, November.
- 2004 TIG business meeting and presentation: Serendipity - How evaluators came to their theoretic positions, panel session discussant, Evaluation 2004: Fundamental Issues from the American Evaluation Association, Atlanta, November.
- 2004 Causation: The keystone in the structure of evaluation design, expert lecturer sponsored by Presidential Strand, Evaluation 2004: Fundamental Issues from the American Evaluation Association, Atlanta, November.
- 2004 Reactions to the conference, invited lecture, Invitational Conference on Critical Thinking, London, Ontario, November.
- 2004 Proposals for a new public statement, invited lecture, Invitational Conference on Critical Thinking, London, Ontario, November.
- 2005 Overview of developments in evaluation, invited speaker, Conference on Reform of Driver Education, Washington DC, February.
- 2005 Death and transfiguration: Revaluing the social sciences, invited presentation, Minnesota Evaluation Association Spring Conference, March.
- 2005 New models for evaluation, workshop, Minnesota Evaluation Association Spring Conference, March.
- 2005 Critical issues to faculty evaluation: Valid data and the validity of practice, paper presentation, co-authored with Theall, M., American Educational Research Association, Montréal, Canada, April.
- 2005 A review of empowerment evaluation, panel session discussant, American Evaluation Association, Toronto, Canada, October.
- 2005 Visions for an inter-university consortium of university-based evaluation programs, panel session discussant, American Evaluation Association, Toronto, Canada, October.
- 2005 Success case method evaluations in the context of nonprofit organizations, panel session discussant, with Brinkeroff, R., American Evaluation Association, Toronto, Canada, October.
- 2005 The transdisciplinary model of evaluation: Radical implications, expert lecturer, for American Evaluation Association, Toronto, Canada, October.
- 2005 The evaluative mind: How top-notch organizations leverage it to excel, panel session discussant, American Evaluation Association, Toronto, Canada, October.
- 2005 Upgrading international development evaluation, panel chair and discussant, American Evaluation Association, Toronto, Canada, October.

- 2005 Identifying evaluative criteria in the multi-site context: Topical, longitudinal, and conceptual approaches from the evaluation of the National Science Foundation's Advanced Technology Education Program, panel chair, for American Evaluation Association, Toronto, Canada, October.
- 2005 Can we infer causation from cross-sectional data?, invited speaker, School Level Data Symposium, National Research Council, Washington DC, December.
- 2006 Evaluation boot camp, workshop, Michigan Association for Evaluation, March.
- 2006 Evaluation specific methodology, workshop, Claremont Graduate University, August.
- 2006 Causation without explanation, paper, Claremont Graduate University, August.
- 2006 Evaluation of academic programs, keynote address, University of North Carolina-Greensboro, September.
- 2006 How to evaluate philosophy causes, workshop, University of North Carolina-Greensboro, September.
- 2006 Hard core qualitative evaluation, workshop, American Evaluation Association, November.
- 2006 Keynote, Atlanta Evaluation Association, December.
- 2007 Keynote, Educational Testing Services, Newark, January.
- 2007 Needs assessment, The Evaluators Institute, Chicago, April.
- 2007 Needs assessment, The Evaluators Institute, Washington DC, July.

J . WESTERN MICHIGAN UNIVERSITY CAMPUS PRESENTATIONS AND WORKSHOPS

- 2005 Evaluation Workshop (Student Evaluation 102: Test Construction), workshop, Center for Teaching and Learning, Western Michigan University, March.
- 2005 The hot philosophical issues in the social sciences: Causation, explanation and evaluation, presentation, Philosophy Department, Western Michigan University, April.
- 2005 Theory-free evaluation, presentation, Evaluation Café, Western Michigan University, September.
- 2006 Reconsidering qualitative methodology and reinstating evaluation as the heart of the social sciences, presentation, Evaluation Café, Western Michigan University, January.
- 2006 The latest battle in the war over research designs for establishing causation, presentation, Evaluation Café, Western Michigan University, September.

K. ADMINISTRATIVE SERVICE 2004–

- 2004 Judge for Association for Informal Logic and Critical Thinking (AILACT), International competition essay prize, 2004–2010.
- 2005 Principal Investigator, Evaluation, Kalamazoo Arts Integration Initiative, Kalamazoo Public Schools.
- 2005 Principal Investigator, Evaluation, Heifer Foundation.

- 2005 Technical Advisor, Graduate Program Review Committee, Western Michigan University, 2005–2006.
- 2005 Member, Appointment Committee for senior position within College of Health and Human Services, under Dr. Nickola Nelson, Western Michigan University.
- 2005 Member, Senior Administration, Evaluation Center Core Committee, Western Michigan University.
- 2005 Director, Interdisciplinary Doctoral Program in Evaluation, Evaluation Center, Western Michigan University.
- 2005 Editor, first four issues of *Journal of MultiDisciplinary Evaluation*. (Currently co-senior editor.)
- 2006 Editorial Advisor, *International Handbook of Educational Evaluation*, Sage Publications.
- 2007 Chair for Association for Informal Logic and Critical Thinking (AILACT), International competition essay prize.
- 2007 Judge, Medallion Scholarship Competition, Western Michigan University.
- 2007 Board member, Education Policy Analysis Archives (EPAA).
Written and assisted with many other proposals and contracts...

L. PERSONAL & COMMUNITY

- 1972 Vice President AFT 1474 (AFL-CIO) (University of California at Berkeley)
- 1976– Founder and Director, EdgePress and EdgeType (small publishing and typesetting companies); and of Evaluation & Development Group (consulting company)
- 1979–80 President, Inverness Ridge Association, Marin County (Board 1974–77, Vice-President 1978)
- 1982–85 PRE Road Advisory Board, Marin County
- 1992–93 Citizens’ Advisory Panel, Marin Community Foundation

M. PUBLICATIONS I: BOOKS & MONOGRAPHS

Authored or Co-Authored

1. Moncrieff, W., & Scriven, M. (1956). *The gas turbine in automobile design*. Minnesota. Privately published.
2. Scriven, M. (1964). Computers and comprehension. *RAND monograph*. [Early study of the reasons for the failure of the U.S. Air Force computer translation program].
3. Scriven, M. (1965). *Applied logic: An introduction to scientific method*. Behavioral Research Laboratories. [Programmed high school text].
4. Scriven, M. (1966). *Primary philosophy*. McGraw-Hill. [Reprinted six times through 1988. Selections reprinted in P. Angeles (Ed.), (1970). *Modern critical readings in the philosophy of religion*. Basic Books. In L. Pojman (Ed.), (1986). *Philosophy of religion: An anthology* (4th ed.). Wadsworth.]

5. Scriven, M. (1970). *Philosophy of science*. NETCHE. [Handbook written as a guide to a series of videotaped lectures for the Nebraska Educational Television Consortium].
6. Scriven, M. (1974). *Evaluation: A study guide for educational administrators*. Nova University.
7. Scriven, M. (1976). *Reasoning*. EdgePress. [Reprinted June, July and December, 1976. Publication assumed by McGraw-Hill College in 1977 and since reprinted several times.]
8. Scriven, M., & Roth, J. (1977). *Evaluation thesaurus*. EdgePress. [(1982) Third edition (sole author), reprinted 6 times. (1991) Fourth edition Sage.]
9. Davis, B., Thomas, S., & Scriven, M. (1981). *The evaluation of composition instruction*. EdgePress (for the Carnegie Corporation). [(1987) Second edition. Columbia University Teachers College Press.]
10. Scriven, M. (1981). *The logic of evaluation*. EdgePress.
11. Manus, S., & Scriven, M. (1982). *How to buy a word processor: Electronic typewriters, personal computers, and dedicated systems*. Alfred Publishing Company.
12. Scriven, M. (1987). *Word magic: Evaluating and selecting word processing*, Wadsworth and van Nostrand. [Translated into Russian, Moscow: Soviet State Publishing House.]
13. Scriven, M. (1987). *Theory and practice of evaluation*. EdgePress.
14. McConney, A., Scriven, M., Stronge, J., Stufflebeam, D., & Webster, W. (1995). *Toward a unified model: The foundations of educational personnel evaluation*. Center for Research on Educational Accountability and Teacher Evaluation.

Edited, Co-Edited, and/or Designed

15. Feigl, H., & Scriven, M. (1956). The foundations of science and the concepts of psychology and psychoanalysis. *Minnesota Studies in the Philosophy of Science*, Vol. 1. University of Minnesota.
16. Feigl, H., Maxwell, G., & Scriven, M. (1958). Concepts, theories, and the mind-body problem. *Minnesota Studies in the Philosophy of Science*, Vol. 2. University of Minnesota.
17. Feigl, H., Maxwell, G., & Scriven, M. (1962). Scientific explanation, space, and time. *Minnesota Studies in the Philosophy of Science*, Vol. 3. University of Minnesota.
18. Moore, W., & Scriven, M. (1966). *Collected papers of Eugene R. Wigner*. Indiana University.
19. Scriven, M. (1966). *Morality*. Social Science Education Consortium.
20. Tyler, R. W., Gagne, R. M., & Scriven, M. (Eds.). *American Educational Research Association Monograph Series on Curriculum Evaluation, Vol. 1: Perspectives of Curriculum Evaluation*. Rand McNally.
21. Jaeger, R. (1982). *Statistics as a spectator sport*. EdgePress. [Conceived, commissioned, designed, edited, typeset, and with a foreword by Scriven, M. Republished (1983) under the title *Statistics: a spectator sport*. Sage Publications.]

22. Madaus, G., Scriven, M., & Stufflebeam, D. (Eds.). (1983). *Evaluation Models*. Kluwer-Nijhoff Publishing.
23. *Fisher, A., & Scriven, M. (1997). *Critical thinking: Its definition and assessment*. UK: Centre for Research in Critical Thinking, and EdgePress.
24. Donaldson, S. I. , & Scriven, M. (Eds.). (2003). *Evaluating social programs and problems: Visions for the new millennium*. Erlbaum.

N. PUBLICATIONS II: ARTICLES, CHAPTERS, REVIEWS THROUGH 1988 BY FIELD

NOTES: (i) Many entries below could have been entered under two or more categories and hence have been rather arbitrarily allocated; (ii) Asterisked *entries* are those which the author views as of greater academic interest; (iii) Double-asterisked *headings* indicate further publications after 1988 which are listed in Section O where entries are not grouped by subject; (iv) Despite considerable effort, some bibliographic details are missing in a few cases; (v) Some of the following were published in non-refereed journals; they include some that are as significant as anything in the refereed journals.

General Philosophy (in addition to Primary Philosophy above)

25. Scriven, M. (1962). Critical notice of thought and action. *Mind*, 61, 100–107.
26. Scriven, M. (1965). The limitations of the identity theory. In Feyerabend & Maxwell (Eds.), *Mind, matter, and method*. University of Minnesota Press.
27. Scriven, M. (1966). Review of primary philosophy. *The Mensa Intelligencer*.

Logic/Critical Thinking **

28. Scriven, M. (1951). Paradoxical announcements. *Mind*, 50, 403–407.
29. Scriven, M. (1954). Definitions in analytical philosophy. *Philosophical Studies*, 5(3), 36–40.
30. Scriven, M. (1954). The language of fiction. *Proceedings of the Aristotelian Society*, Supplementary Volume 27.
31. *Scriven, M. (1956). Randomness and the causal order. *Analysis*, 17(1), 5–9.
32. *Scriven, M. (1959). The logic of criteria. *Journal of Philosophy*, 56, 857–868. [Reprinted in (1986). J.V. Canfield, (Ed.), *Criteria*. Garland Press.]
33. Scriven, M. (1978). The philosophical and pragmatic significance of informal logic. In R. H. Johnson & J. A. Blair (Eds.), *Informal Logic: The First International Symposium*. EdgePress.
34. *Scriven, M. (1983). The argument from ordinary language. In J. Fetzer (Ed.), *Principles of Philosophical Reasoning* (pp. 261–277). Littlefield, Adams & Co.
35. Scriven, M. (1986). Probative logic: Review & preview. In F. H. van Eemeren, R. Grootendorst, J.A. Blair & C.A. Willard, (Eds.), *Argumentation: Across the lines of discipline* (pp. 7–32). Foris.

Aesthetics

36. *Scriven, M. (1966). The objectivity of aesthetic evaluation. *The Monist*, 50(2).

Ethics & Political Philosophy

37. Scriven, M. (1951). The moral rights of a colonial power in a colony. *Oxford Left*.
38. Scriven, M. (1954). Academic freedom and legislative investigations. *Ivory Tower*, 2(1).
39. Scriven, M. (1955). Freedom in America. *Social Science and Freedom*. (pp. 124–128). [Republished (1956). Ford Foundation.]
40. Scriven, M. (1957). [Review of the book *Theory of games as a tool for the moral philosopher*, by R.B. Braithwaite]. *Ethics*, 58, 61–62.
41. Scriven, M. (1959, May 5). Reflections on pacifism. *Phoenix*.
42. Scriven, M. (1965). Applied ethics for the campus counselor. *Journal of the National Association of Women Deans and Counselors*, 28(2), 57–65.
43. Scriven, M. (1965). Ethics in academe. *Indiana Daily Student*, Special Supplement, Fall.
44. Scriven, M. (1966). Facts about values. *Voice of America Forum Lectures: Philosophy of Science Series*.
45. *Scriven, M. (1976). The science of ethics. In H.T. Engelhardt, Jr. & D. Callaghan (Eds.), *Ethics and its Relationship to Science* (pp.15–43). Hastings Center.
46. Scriven, M. (1977). Moral responsibility of automobile manufacturers. *Proceedings of the 1977 Conference*. National Association of Better Business Bureaus., [Funded by National Endowment for the Humanities.]
47. *Scriven, M. (1979). The evaluation of revolutions. In R.G. Muehlmann (Ed.), *Revolutions, systems, and theories: Essays* (pp. 1–9). D. Reidel Publishing Co.
48. Scriven, M. (1979). Morality and the criminal justice system. In A.D. Calvin (Ed.), *Challenge & alternatives to the American criminal justice system* (pp. 62–64). University of Michigan: University Microfilms International.
49. *Scriven, M. (1982). Professorial ethics. *Journal of Higher Education*, 53(3), 307–317.

Jurisprudence/Philosophy of Law**

50. *Scriven, M. (1971). Methods of reasoning and justification in social science and law. *Journal of Legal Education*, 23(1), 189–199.
[See also recent entries on probative logic]

Philosophy of Religion

51. Scriven, M. (1952). *Reason and religion*. Michaelmas.
52. Scriven, M. (1957). The impact of science on religion in the twentieth century. *History of Unitarianism*. Minnesota.
53. Scriven, M. (1966/1998). The presumption of atheism. In L. P. Projam (Ed.), *Philosophy of religion: An anthology* (3rd ed.). Wadsworth Publishing.

54. Scriven, M. (1976). God and reason. In P. Angeles (Ed.), *Critiques of God* (pp. 95-114). Prometheus Books.

Philosophy of History

55. *Scriven, M. (1959). Truisms as the grounds for historical explanations. In P.L. Gardiner (Ed.) *Theories of history* (pp. 443–475). Free Press, [Translated into Portuguese (1975). Os truismos como bases das explicacoes historicas. *Theories of history* (Portuguese edition) 27. Lisbon: Educational Department of Fundacao Coloust Gulbenkian.]
56. *Scriven, M. (1963). New issues in the logic of explanation. In S. Hook (Ed.), *Philosophy and history* (pp. 339–369). New York University Press.
57. *Scriven, M. (1966). Causes, connections and conditions in history. In W. Dray (Ed.), *Philosophical analysis and history* (pp. 238–264). Harper and Row. [Reprinted In B. Ennis & L. Krimerman (Eds.), *The philosophy of educational research*; reprinted in (1984). *Le Spiegazione Storica* (Italian). Pratiche Editrice; reprinted in part (1993). In Sosa & Tooley (Eds.), *Causation*. Oxford; reprinted (2005). In J. Bryant & J. Hall (Eds.), *Historical research methods*. Sage.]
58. *Scriven, M. (1966). [Review of the book *Analytical philosophy of history*, by A. Danto]. *Journal of Philosophy*, 53(17), 500–504.
59. Scriven, M. (1971). Verstehen again. *Theory and Decision*, 1(4), 382–386.

Philosophy of Mathematics

60. Scriven, M. (1965). [Review of the book *Natural deduction: The logical basis of axiom systems*, by John M. Anderson and Henry W. Johnstone, Jr.]. *Scripta Mathematica*.

Philosophy of Science**

61. *Scriven, M. (1955). [Review of the book *The philosophy of science*, by S. Toulmin]. *Philosophical Review January*, 124–128.
62. Scriven, M. (1955). The principle of inductive simplicity. *Philosophical Studies*, 6(2), 26–30.
63. *Scriven, M. (1956). A possible distinction between traditional scientific disciplines and the study of human behavior. *Minnesota Studies in the Philosophy of Science*, 1, 330–339. [Reprinted (1994) In M. Martin, & L. C. McIntyre (Eds.). *Readings in the philosophy of social science* (pp.71-77).]
64. Scriven, M. (1956). Explanations (Doctoral Dissertation). Oxford. [Copied to the University of Illinois microform library, 1962.]
65. Scriven, M. (1957). [Review of the book *Scientific inference*, by H. Jeffreys]. *Science*, 126, 313.
66. Scriven, M. (1957). Report on Colston Society symposium on observation and interpretation. *Science*, 125, 718–719.
67. *Scriven, M. (1957). The present state of determinism in physics. *Journal of Philosophy*, 44, 727–741.
68. *Scriven, M. (1958). Definitions, explanations and theories. *Minnesota Studies in the Philosophy of Science*, 2, 99–195.

69. Scriven, M. (1959). [Review of the book *Determinism and freedom in the age of modern science*, by S. Hook (Ed.)]. *Contemporary Psychology*, 4, 380–382.
70. *Scriven, M. (1961). The key property of physical laws—Inaccuracy. In Feigl & Maxwell (Eds.), *Current Issues in the Philosophy of Science* (pp. 91–101). Holt.
71. Scriven, M. (1961). [Review of the book *Philosophy of science*, by A.C. Danto and S. Morgenbesser (Eds)]. *American Journal of Physics*, 29(8).
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73. Scriven, M. (1961). [Review of the book *Chance, luck, and skill*, by J. Cohen]. *Paperback Review*, February.
74. Scriven, M. (1962). [Review of the book, *Observation and interpretation: A symposium of philosophers and physicists*, by S. Korner and M.H.L. Pryce]. *The British Journal for the Philosophy of Science*, 12, 339–342.
75. Scriven, M. (1962). [Commentary on professor Grunbaum’s remarks at the Wesleyan meeting]. *Philosophy of Science*, 29, 171–174.
76. *Scriven, M. (1962). Explanations, predictions and laws. *Minnesota Studies in the Philosophy of Science*, 2, 170–230.
77. *Scriven, M. (1963). The temporal asymmetry of explanations and predictions. In S. Baumrin (Ed.), *Delaware studies in the philosophy of science*, 1, 97–106.
78. *Scriven, M. (1963). The limitations of physical explanation. In S. Baumrin (Ed.), *Delaware studies in the philosophy of science*, 2, 107–135.
79. *Scriven, M. (1964). [Review of the book *The structure of science*, By E. Nagel]. *Review of Metaphysics*, March, 403–424.
80. Scriven, M. (1964). [Review of the book *Science in authority*, by L. Hogben]. *Philosophy of Science*, 31(2), 184–186.
81. Scriven, M. (1965). [Review of the book *The philosophy of science, part two: A study of the division and nature of various groups in science*, by P. Henry van Laer]. *Isis*, 218–220.
82. Scriven, M. (1966). Value claims in the social sciences. Social Studies Education Consortium.
83. *Scriven, M. (1966). [Review of the book *Aspects of scientific explanation*, by C.G. Hempel]. *Philosophical Review*, July.
84. Scriven, M. (1966). [Review of the book *Sensationalism and scientific explanation*, by P. Alexander]. *Philosophy of Science*, July.
85. Scriven, M. (1967). Science, fact, and value. In S. Morgenbesser, (Ed.), *Philosophy of Science Today* (pp. 175–189). Basic Books.
86. Scriven, M. (1967). The philosophy of science. *International encyclopedia of social sciences* (pp. 83–92). MacMillan Co, [Reprinted in a revised version in (1978). *Statistics: Articles from the international encyclopedia of the social sciences*. Free Press.]
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88. Scriven, M. (1969). The nature of science. *Science yearbook 1969* (pp. 83–85). Sydney University,
89. *Scriven, M. (1969). In defense of all causes. *Issues in Criminology, Spring*.
90. Scriven, M. (1969). Explanation in the biological sciences. *Journal of the History of Biology*, 2(1), 187–198.
91. Scriven, M. (1969). Logical positivism and the behavioral sciences. *The legacy of logical positivism* (pp. 195–209). John Hopkins Press.
92. Scriven, M. (1970). Preface. In W. Humphreys (Ed.), *Norwood Russell Hanson, perception and discovery: An introduction to scientific inquiry*. Freeman, Cooper and Co.
93. *Scriven, M. (1971). The logic of cause. *Theory and Decision*, 2(1), 49–66. [Partially preprinted (1970). G. Netter, (ed.), *Explanations*. McGraw–Hill.]
94. Scriven, M. (1972). Law and science. In *Encyclopedia Americana*.
95. Scriven, M. (1973). Making the social sciences socially valuable. In D. L. Knapp & W.E. Schafer (Eds.), *Social science and public policy* (pp. 68–86). University of Oregon.
96. *Scriven, M. (1974). The exact role of value judgments in science. In J. Blaney, I. Housego & G. McIntosh (Eds.), *Program development in education*. University of British Columbia. [And (1972) In K.F. Schaffner & R.S. Cohen (Eds.), *Philosophy of science association* (pp. 219–247). reprinted (1994). E. Erwin (Ed.), *Ethical issues in scientific research*. Garland.]
97. *Scriven, M. (1975). Causation as explanation. *Nous*, 9, 3–16.
98. *Scriven, M. (1980). Self-referent research, part one. *Educational Researcher*, April, 7–11, and Self-referent research, part two. *June*.

Cosmology

99. *Scriven, M. (1954). The logical and scientific meaning of the age of the universe. *The British Journal of the Philosophy of Science*, 5, 181–190. [First prize in international essay contest.]

Biology

100. Scriven, M. (1952). [Review of the book *Analytical biology*, by C. Sommerhoff]. *Mind*, 51, 416–420.
101. *Scriven, M. (1959). Explanation and prediction in evolutionary theory. *Science*, 130, 477–482. [Reprinted (1971). In R. Munson (Ed.), *Man and nature: Philosophical issues in biology* (pp. 213–227). Delta.]
102. *Scriven, M. (1988). The dark side of the force. [Invited contribution to an article by Findlay S., & Lumsden, C. The creative mind: Toward an evolutionary theory of discovery and innovation]. *Journal of Social and Biological Systems*, 11(1), 147-150.

Automobile Field

103. Scriven, M. (1953, July 1). Once over lightly, Part I. *The Motor*.
104. Scriven, M. (1953, July 8). Once over lightly, Part II, *The Motor*.

Computer Studies and Information Technology**

105. *Scriven, M. (1953). The mechanical concept of mind. *Mind*, 51, 320–340. [Reprinted (1963). In Sayre & Crosson, (Eds.), *The modeling of mind*. University of Notre Dame Press. Reprinted (1964). In A.R. Anderson (Ed.), *Mind and machines*. Prentice-Hall.]
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108. Scriven, M. (1972). [Review of the book *What computers can't do*, by H. Dreyfus]. *The Berkeley Book Review of The Daily Californian*, Spring.
109. Scriven, M. (1981). Electronic publishing. *Record*. Society for Scholarly Publishing, 83.
110. Scriven, M. (1982). Professional work station design: A conceptual basis. *Proceedings of the 1982 Office Automation Conference American Federation of Information Processing Societies*. San Francisco, CA. [Chairman's comments.]
111. Scriven, M. (1982). Word processing: The good news and the bad news. *The Bottom Line (Official Publication of the State Bar of California Law Office Management Section)*, 4(7), 92.
112. Scriven, M. (1984). Practical business payoffs from microcomputers. *ACADS, Australian Institute of Quantity Surveyors*, 82–89.
113. Scriven, M. (1984). The farmer as an expert system. *Computers in Agriculture* (pp. 162–170).
114. Scriven, M. (1987). The race is on! –IBM vs. Mac. *Australian MacWorld*, 51–52.
115. Scriven, M. (1987). Outliners and idea processors. *Berkeley Macintosh Users Group (BMUG)*, 118–124.
116. Scriven, M. (1987) The Macintosh extended keyboard. *Berkeley Macintosh Users Group (BMUG)*, 75–78.
117. Editor's contributions to *University MicroNews* and *Wings for the Mind* over the periods 1983–91 and 1987–9 respectively, amounting to about 185,000 words and covering all major developments in the microcomputer field, including reviews of major software and hardware changes for the IBM and Macintosh families.

Psychology**

118. Scriven, M. (1950). The scientific status of psychology. *Science News* [Penguin], 18, 137–140.

119. Scriven, M. (1954). Notes on the discussion between Frenkel-Brunswick and Skinner. *The Scientific Monthly*, 79, 309–310.
120. *Scriven, M. (1956). A study of radical behaviorism. *Psychology, Psychoanalysis and the Foundations of Science (Minnesota Studies in the Philosophy of Science)*, 1, 88-130.
121. Scriven, M. (1957). [Review of the book *Becoming*, By J. Allport]. *Ethics*, 58, 66–67.
122. Scriven, M. (1960). Scientific method: Statistics. In A. Calvin (Ed.), *Psychology*, Allyn & Bacon.
123. Scriven, M. (1961). [Review of the book *Man and his nature*, by S. Joyce]. *Contemporary Psychology*.
124. Scriven, M. (1961). The frontiers of psychology: Psychoanalysis and parapsychology. In Colodny (Ed.), *Studies in the philosophy of science* (pp. 79–129). University of Pittsburgh Press. [Reprinted (1976) In J. Wheatley and H. Edge (Eds.), *Philosophical dimensions of parapsychology* (pp. 46–75). Charles C Thomas.]
125. Scriven, M. (1964). Views of human nature. In T. Wan (Ed.), *Behaviorism and phenomenology* (pp. 163–190). University of Chicago Press. [Reprinted in paperback 1965, 1967, and 1972.]
126. *Scriven, M. (1965). An essential unpredictability in human behavior. *Voice of America Forum Lectures: Philosophy of Science Series*. [Reprinted (1965). in expanded form In Nagel & Wolman (Eds.), *Scientific Psychology* (pp. 411–425). Basic Books, Inc.]
127. *Scriven, M. (1969). Psychology without a paradigm. In L. Breger (Ed.), *Clinical-Cognitive Psychology: Models and Integrations* (pp. 9–24). Prentice-Hall.
128. *Scriven, M. (1971). Training professionals in atheoretical fields. In M.C. Reynolds (Ed.), *Proceedings of the Conference on Psychology and the Process of Schooling in the Next Decade* (pp. 247–249). Leadership Institute of Special Education.
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131. *Scriven, M. (1979). Clinical judgment. In H.T. Englehardt, S.F. Spicker & B. Towers (Eds.), *Clinical judgment: A critical approach* (pp. 3–16). D. Reidel Publishing Co.
132. *Scriven, M. (1980). An evaluation of psychology. In R.A. Kasschau & F.S. Kessel (Eds.), *Psychology and society: In search of symbiosis* (pp. 61–82). Holt, Rinehart and Winston.
133. *Scriven, M. (1980). Prescriptive and descriptive approaches to problem solving. In D.T. Tuma & F. Reif (Eds.), *Problem solving and education: Issues in teaching and research* (pp. 127–139). Lawrence Erlbaum Associates.

Psychiatry & Psychotherapy

134. Scriven, M. (1958). Psychoanalysis under scientific scrutiny. *Swarthmore College Bulletin*, December.
135. *Scriven, M. (1959). The experimental investigation of psychoanalysis. In S. Hook (Ed.), *Scientific method and philosophy* (pp. 226–251). New York University Press.
136. Scriven, M. (1962). [Review of the book *Science and psychoanalysis*, by J. Masserman (Ed.)]. *Journal of Nervous and Mental Disease*, 134, 484–486.
137. Scriven, M. (1967). Logical nit-picking: Comments on Robert Efron, The conditioned reflex: A meaningless concept. *International Journal of Psychiatry*, 4(5) 422–425.
138. *Scriven, M. (1972). Can philosophy of science save psychoanalysis? [Review of the book *The Logic of explanation in psychoanalysis*, by Michael Sherwood]. *Psychotherapy and Social Science Review*, 6(5), 18–22.
139. Scriven, M. (1978). What does it mean to be a self-monitoring behavioral therapist? *The Counseling Psychologist*, 7(3), 43–44.

[See also entries under the previous heading, and under Education, Evaluation, Philosophy of Science]

Parapsychology

140. Sundry reviews in *Contemporary Psychology* [e.g., Review of the book *Man and His Nature*, by S. Joyce]. and in the *Journal of Parapsychology* [Review of the book *New Frontiers of the Mind*, by J.B. Rhine & J.G. Pratt].
141. Scriven, M. (1956). [Review of CIBA foundation symposium extrasensory perception]. *Journal of the Society for Psychical Research*, December.
142. Scriven, M. (1956). [Review of the book *Psychical research*, by R.C. Johnson]. *Contemporary Psychology*, December, 364–365.
143. *Meehl, P. E., & Scriven, M. (1956). Compatibility of science and ESP. *Science*, 132, 14. [Reprinted (1974). In H.L. Edge & J. Wheatley (Eds.), *Philosophical dimensions of parapsychology*, West Germany; Reprinted (1977). In J.K. Ludwig (Ed.), *Philosophy and parapsychology*. Prometheus Books.]
144. Scriven, M. (1956). Extrasensory perception. In *American peoples encyclopedia*.
145. *Scriven, M. (1956). Modern experiments in telepathy. *Philosophical Review*, 55, 321–353.
146. Scriven, M. (1957). New experimental designs for psi research. *Journal of the Society for Psychical Research*, 39, 78–83.
147. Scriven, M. (1957). Some theoretical possibilities in Psi research. *Journal of the Society for Psychical Research*, June.
148. Scriven, M. (1958). On even keel through parapsychology. *Contemporary Psychology*, 3, 295–296.
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Education & Educational Technology **

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[See also entries under Evaluation, Psychology, Philosophy of Science]

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- b. Scriven, M. *The Logic and Love of Technology*. Indiana University Press.
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- d. Holm, G., & Scriven, M. *Hard Core Qualitative Methodology*. Guilford.
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Q. EXTRA-CURRICULAR

- 1946 Founded the Melbourne University Society for Psychical Research (a.k.a. Parapsychology)
- 1948-49 University of Melbourne crew (8), Australian Interuniversity Head of the River (1st in 1948)
- 1955 Frisbee Hall of Fame