References

References

(References for authored papers in apps. E and F are cited at the end of each paper.)

- 1. "Adjuvant Chemotherapy of Breast Cancer," National Institutes of Health Consensus-Development Conference Statement, N. *Eng. J. Med.* 303(14):83l, 1980.
- 2. Almy, T., Sounding Board, "The Role of the Primary Physician in the Health-Care Industry," N. *Eng. J. Med.* 304(4):225, 1981.
- 3. Altman, S. H., and Blendon, R. (eds.), *Medical Technology: The Culprit Behind Health Care Costs*, proceedings of the 1977 Sun Valley Forum on National Health, publication No. (PHS) 79-3216 (Washington, D. C.: U.S. Government Printing Office, 1979).
- 4. American College of Physicians, Philadelphia, Pa., "ACP News . . . ," Nov. 24, 1980.
- 5. American College of Physicians, Philadelphia, Pa., "Clinical Efficacy Assessment Project: A Proposal for Expansion," mimeo, n.d.
- 6. Applied Management Sciences, Inc., and Cuadra Associates, Inc., Catalog of Human Services Information Resources Organizations, prepared for the Office of the Assistant Secretary for Planning and Evaluation, Department of Health and Human Services, contract No. HEW 100-79-0183, June 1980; Project Share Human Services Monograph No. 15, October 1980.
- 7. Arnstein, S. R., "Technology Assessment: Opportunities and Obstacles," *IEEE Trans. Syst. Man & Cybern.* SMC-7:571, 1977.
- 8. Arthur Young & Co., and Emergency Care Research Institute, *A Profile of the Medical Technology Industry and Government Policies*, draft final report to the National Center for Health Services Research, Hyattsville, Md., Mar. 31, 1981.
- 9. Astvad, K., et al., "Mortality From Acute Myocardial Infarction Before and After Establishment of a Coronary Care Unit, " *Br. Med. J.* 1:567, 1974.
- 10. Bader, M., letter to the editor, N. *Eng. J. Med.* 96(1):46, 1977.
- 11, Banta, H. D., "Biomedical Research and Technology Assessment in the Major Medical Clinics," presented at the Project HOPE Conference, "The Role of Major Medical Clinics in Meeting Future National Health Needs," Millwood, Va., Mar. 11-13, 1981.
- 12. Banta H. D., "The Diffusion of the Computed Tomography (CT) Scanner in the United States," *Int. J. Health Serv.* 10(2):251, 1981.

- 13. Banta, H. D., and Behney, C. J., "Medical Technology: Policy and Problems," *Health Care Mgt. Rev.* 5:45, 1980.
- Banta, H. D., and Behney, C. J., "Policy Formulation and Technology Assessment," prepared for the Experiment and Social Policy Issue of Health and Society, *Milbank Mere. Fund Q.* 59(3):445, 1981.
- **15.** Banta, H. D., and McNeil, B. J., "Evaluation of the CAT Scanner and Other Diagnostic Technologies," *Health Care Mgt. Rev.* 3:7, *1978.*
- Banta, H. D., and Sanes, J. R., "Assessing the Social Impacts of Medical Technologies," J. Comm. Health 3(3):245, 1978.
- 17. Banta, H. D., and Thacker, S. B., "Assessing the Costs and Benefits of Electronic Fetal Monitoring," *Obstet. & Gyn. Survey* 34:627, 1979.
- **18.** Banta, H. D., et al., "Implications of the **1976** Medical Devices Legislation," *Man & Medicine* 3:131, *1978*.
- **19.** Banta, H. D., et al., *Toward Rational Technology in Medicine (New* York: Springer Publishing Co., **1981)**.
- 20. Barsamian, E. M., "The Rise and Fall of Internal Mammary Artery Ligation in the Treatment of Angina Pectoris and the Lessons Learned," in Costs, Risks, and Benefits of Surgery, J. P. Bunker, et al. (eds.) (New York: Oxford University Press, 1977).
- Bauer, R. A., and Wortzel, L. H., "Doctors Choice: The Physician and His Sources of Information About Drugs," *J. Mktg. Research 3:40*, 1966.
- 22. Beebe, G. W., "Record Linkage and Needed Improvements in Existing Data Resources," presented at the Banbury Conference on Occupational Cancer, Cold Spring Harbor Laboratory, Cold Spring Harbor, N. Y., Mar. 29-Apr. 2, 1981,
- 23. Beebe, G. W., "Record Linkage Systems—Canada vs. the United States," Am. *J. Public Health* 70(12):1246, 1980.
- **24.** Beebe, G. W., "Some Aspects of Record Linkage in Epidemiologic Research in the U.S.," paper presented at the Workshop on Computerized Record Linkage in Cancer Epidemiology, Ottawa, Canada, Aug. **8-10**, 1979.
- **25.** Behney, C. J., "The Turning Outward of the National Institutes of Health," presented at the 13th Annual Meeting of the Association for the Advancement of Medical Instrumentation, Washington, D. C., Apr. 1, 1978.

- Berk, A. A., and Chalmers, T. C., "Cost and Efficacy of the Substitution of Ambulatory for Inpatient Care," N. *Eng. J. Med.* 304:393, 1981.
- Bessant, J., "Innovation Research: To What Extent Can It Provide Answers?" *Planned Innovation* 2(2):52, 1979.
- 28. Bice, T., et al., *Executive Summary of the Conference on Capital Financing for Health Facilities*, sponsored by the Health Resources Administration and the University of Pittsburgh, Pittsburgh, Pa., Nov. 19-21, 1976,
- Bilitch, M., Project Director, University of Southern California, Los Angeles, California, Registry for Implanted Artificial Cardiac Pacemakers: 66
 Month Report, contract No. 223-79-5060, submitted to the Food and Drug Administration, Rockville, Md., Mar. 28, 1980.
- **30.** Birch & Davis Associates, Inc., *IDD Evaluation Project Hospital Field Manual*, contract No. *500-80-0047*, submitted to the Health Care Financing Administration, Washington, D. C., 1980.
- **31.** Birch & Davis Associates, Inc., *IDD Grantee Project Synopsis*, contract No. 500-80-0047, submitted to the Health Care Financing Administration, Washington, D. C., Dec. 17, 1980.
- **32.** Birch & Davis Associates, Inc., *Integrated Data Demonstration Evaluation Study*, contract No. 500-80-0047, submitted to the Health Care Financing Administration, Washington, D. C., Oct. 8, 1980.
- 33. The Blue Sheet, "Coordinated Health Information System Feasibility 'Yet To Be Demonstrated,' HHS' Brandt Tells Hill; Cost, Quality, Confidentiality Are Seen As Problems," 24:9, June 10, 1981.
- **34**, Bonchek, L. I., "Are Randomized Trials Appropriate for Evaluating New Operations?" N. *Eng. J. Med.* **301:44**, **1979**.
- **35.** Breslow, L., University of California, Los Angeles, personal communication, **1981**.
- **36.** Bryant, F. B., and Wortman, P. M., "Secondary Analysis: The Case for Data Archives," Am. *Psychol.* 33:381, 1978.
- 37. Bumpus, F. M., "The Role of Major Medical Clinics in Research," presented at the Project HOPE conference, "The Role of Major Medical Clinics in Meeting Future National Health Needs," Millwood, Va., Mar. 11-1,3, 1981.
- 38. Bunker, J. P., Stanford, Calif., personal communication, June 16, 1981.
- 39. Bunker, J. P., et al., "Assessment of Medical Technology Strategies: Coverage and Reimbursement Options for Experimental Medical and Surgical Procedures," prepared for the Office of

- Technology Assessment, U.S. Congress, Washington, D. C., September 1981.
- **40.** Bunker, J. P., et al., "Surgical Innovation and Its Evaluation," *Science* 200:937, 1978.
- **41.** Bunning, R. L. "The Delphi Technique: A Projection Tool for Serious Inquiry," in *The 1979 Annual Handbook for Group Facilitators,* J. E. Jones, J. W, Pfeiffer (eds.) (La Jolla, Calif.: University Associates, **1979**).
- **42.** Byar, D. P., et al., "Randomized Clinical Trials: Perspectives on Some Recent Ideas," N. *Eng. J. Med.* 295(2):74, 1976.
- 43. Campbell, D. T., and Boruch, R. F., "Making the Case for Randomized Assignment to Treatments by Considering the Alternatives: Six Ways in Which Quasi-Experimental Evaluations in Compensatory Education Tend To Underestimate Effects," in *Evaluation and Experiment: Some Critical Issues in Assessing Social Programs, C.* A. Bennett and A. A. Lumsdaine (eds.) (New York: Academic Press, 1975).
- 44, Campbell, D. T., and Erlebacher, A., "How Regression Artifacts in Quasi-Experimental Evaluations Can Mistakenly Make Compensatory Education Look Harmful," in *Compensatory Education: A National Debate*, J. Helmuth (cd.), vol. 111 of *The Disadvantaged Child (New York: Brunner/Mazel*, 1970).
- **45.** Campbell, D. T., and Stanley, J. C., *Experimental and Quasi-Experimental Designs for Research* (Chicago: Rand-McNally, *1966*).
- 46 CapIan, A. L., Hastings Center, Hastings-on-the-Hudson, N. Y., personal communication, November 1981.
- 47 Caplan, A. L., "Ethical Engineers Need Not Apply: The State of Applied Ethics Today," Sci. Technol. Human Val. 6(33):24, 1980.
- **48.** Caplan, A. L., "Kidneys, Ethics, and Politics: Policy Lessons of the ESRD Experience," J. *Health Polit. Policy Law* 6:488,1981.
- **49.** Caplow, T., *Principles of Organization (New* York: Harcourt, Brace & World, *1964).*
- **50.** Center for the Analysis of Health Practices, Harvard School of Public Health, "Impact on Health Costs of NCHCT Recommendations To Withhold Reimbursement for New Medical Procedures," unpublished, February 1981.
- 51 Chalmers, T. C., "The Clinical Trial," *Milbank Mere. Fund Q.* 59(3):324, 1981.
- **52.** Chalmers, T. C., "Randomization Coronary Artery Surgery," *Ann. Thorac. Surg.* 14:323, 1972.
- **53.** Chalmers, T. C., et al., "Controlled Studies in Clinical Cancer Research," N. *Eng. J. Med.* 287:75, 1972.

- **54.** Chalmers, T. C., et al., "A Method for Assessing the Quality of a Randomized Clinical Trial," *Contr. Clin. Trials* 2:31, 1981.
- **55.** Charles River Associates, Inc. "The Effects of Patent-Term Restoration on the Pharmaceutical Industry," prepared for the Office of Technology Assessment, U. S. Congress, Washington, D. C., May **4**, 1981.
- **56.** Charters, A. C., and Bailey, R. N., "Experience With a Simplified Trauma Registry: Profile of Trauma at a University Hospital, " *J. Trauma* 19:13, *1979.*
- **57.** Childress, J. F., *Priorities in Biomedical Ethics* (Philadelphia: Westminster Press, 1981).
- **58.** Christenson, D. B., and Wertheimer, A. I., "Source of Information and Influence on New Drug Prescribing Among Physicians in an HMO," Soc. *Sci. Med.* 13A:313, 1979.
- **59.** Clarke, R. V. G., and Cornish, D. B., *The Controlled Trial Institutional Research* (London: Home Office Research Studies, 1972).
- **60.** Cochrane, A. L., *Effectiveness and Efficiency: Random Reflections on Health Services* (London: Burgess, 1972).
- **61**, Cole, P., "The Evolving Case-Control Study," *J. Chron. Dis.* 32:15, **1979**.
- Coleman, J. S., et al., Medical Innovation: A Diffusion Study (Indianapolis: Bobbs-Merrill, 1966).
- 63. Committee on the Life Sciences and Social Policy, Assessing Biomedical Technologies: An Inquiry Into the Nature of the Process (Washington, D. C.: National Academy of Sciences, 1975).
- **64.** Comroe, J. H., Jr., and Dripps, R. D., *The Top Ten Clinical Advances in Cardiovascular-Pulmonary Medicine and Surgery, 1945-1975, vol.* I, Final Report, DHEW Publication No. (NIH) 78-1521, Jan. 31, 1977.
- 65, Congressional Research Service, Library of Congress, Competitive Problems in the Drug Industry: Fixed-Dose Combination Antibiotic Drugs, prepared for the Select Committee on Small Business, U.S. Senate, May 1,1979 (Washington, D. C.: U.S. Government Printing Office, 1979).
- **66.** Conner, R. F., "Selecting a Control Group: An Analysis of the Randomization Process in Twelve Social Reform Programs," *Eval. Q.* 1:195, 1977.
- **67.** "Consensus Conference: Diagnosis and Treatment of Reye's Syndrome," *J. A.M.A.* 246:2441, 1981
- **68.** Cook, T. D., and Campbell, D. T., *Quasi-Experimentation: Design and Analysis of Research in Field Settings* (Chicago: Rand McNally, 1979).
- **69.** Cook, T. D., and Leviton, L. C., "Reviewing the Literature: A Comparison of Traditional Methods

- With Meta-Analysis," J. Personality 48(4):449, 1980.
- Cook, T. D., and Reichardt, C. S., "Guidelines: Statistical Analysis of Nonequivalent Control Group Designs: A Guide to Some Current Literature," *Evaluation* 3(1-2):136, 1976.
- 71. Cordray, D. S., and Lipsey, M. W., "Using Patterns of Evidence in Social Program Evaluation: An Overview and Illustration," presented at the meeting of the Evaluation Research Society, Minneapolis, 1979.
- 72< Coronary Drug Project Research Group, "Influence of Adherence to Treatment and Response of Cholesterol on Mortality in the Coronary Drug Project," N. Eng. J. Med. 303:18, 1980.</p>
- 73, Cowley, M. J., and Block, P. C., "Percutaneous Transluminal Coronary Angioplasty," *Mod. Concepts Cardiovasc. Dis.* 50(5):2, 1981.
- 74. Crawford, S., "Health Science Libraries in the United States, **1969** to 1979, "J. A. M. A. 245:237, 1981.
- 75. Cromwell, J., et al., *Incentives and Decisions Underlying Hospitals' Adoption and Utilization of Major Capital Equipment* (Cambridge, Mass,: Abt Associates, 1975).
- 76. Cronbach, L. J., and Furby, L., "How Should We Measure 'Change'—Or Should We?" *Psychol. Bull.*74:68, 1970.
- 77, Dalkey, N. C., *The Delphi Method: An Experimental Study of Group Opinion* (Santa Monica, Calif.: Rand Corp., 1969).
- 78 Dalkey, N. C., and Helmer, O., "An Experimental Application of the Delphi Method to the Use of Experts," *Mgt. Sci.* 9(3):458, 1963.
- 79. D'Arbeloff, D. V., Chairman and Chief Executive Officer, Millipore Corp., statement at Workshop on Innovation and Reimbursement for the Study Strategies for Medical Technology Assessment, Office of Technology Assessment, U.S. Congress, Washington, D. C., May 13, 1981.
- 80. David, G., Commission on Professional and Hospital Activities, Ann Arbor, Mich., personal communication, May 21, 1981.
- 81. Deckert, T., et al., "Prognosis of Diabetics With Diabetes Onset Before the Age of Thirty-One," *Diabetologia* 14:363, 1978.
- 82. Delbecq, A., et al., *Group Techniques for Program Planning* (Glenview, Ill.: Scott, Foresman & co., 1975).
- **83.** Department of Commerce, National Technical Information Service, Biomedical *Technology and Human Factors Engineering*, Aug. *5*, *1980*, PB80-909532 (Springfield, Va.: NTIS, **1981**).
- 84. Department of Commerce, National Technical

- Information Service, General Catalog of Information %-vices. No. 7a (Springfield, Va.: NTIS.
- 85. Department of Commerce, National Technical Information Service, Health Planning and Health Services Research, May 19, 1981, PB81-904420 (Springfield, Va.: NTIS, 1981).
- **86.** Department of Commerce, National Technical Information Service, NTIS Information Services for Productivity, Technology, and Innovation, information packet (Springfield, Va.: NTIS, 1981).
- 87. Department of Health, Education, and Welfare, National Center for Health Services Research, **Medical Technology**, publication No. (PHS) 79-3254 (Washington, D. C.: U.S. Government Printing Office, 1979).
- **88.** Department of Health, Education, and Welfare, National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research, The Belmont Report, DHEW publication No. (OS) 78-0012, 1978.
- 89. Department of Health, Education, and Welfare, National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research, The Special Study: Implications of Advances in Biomedical and Behavioral Research,
- 90. Department of Health, Education, and Welfare, Office of the Assistant Secretary for Health/Public Health Service, "NCHCT Fact Sheet," n.d.
- **91.** Department of Health, Education, and Welfare, Office of the Assistant Secretary for Planning and Evaluation and the Office of the Assistant Secretary for Health, Health Technology Management at the Department of Health, Education, and **Welfare**, Final Phase I Report for the Secretary,
- 92. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Planning, The National Health Planning Information Center, DHEW publication No. (HRA) 79-14007, October 1978.
- **93.** Department of Health, Education, and Welfare, Public Health Service, National Center for Health Services Research, "Clinical Databanks—AnEpidemiological Approach to Technology Assessment and Consensus Development, " presented at the XII International Conference on Medical and Biological Engineering, Jerusalem, Israel, Aug. 19-24, 1979.
- 94. Department of Health, Education, and Welfare, Public Health Service, National Center for Health Services Research, Computer Applications in

- Health Care, DHEW publication No. (PHS) 79-**3251.** June 1979.
- **95.** Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, "Consensus Development Conference Statement," N. Eng. J. Med. 304:680, 1981.
- **96.** Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Consensus Development Conference Summaries, vol. 1, 1977-1978.
- 97. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Consensus Development Conference **Summaries**, vol. 2, 1979.
- 98. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Consensus Development Conference Summaries, vol. 3, 1980.
- 99. Department of Health, Education, and Welfare, Public Health Service. National Institutes of Health, NIH Inventory of Clinical Trials: Fiscal Year 1975, vols. I and II, 1977.
- 100. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, "Program Description and Data Format: Cancer Surveillance Epidemiology and End Results (SEER) Reporting Program, "unpublished, April 1976,
- **101.** Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, "The Responsibilities of NIH at the Health Research/Health Care Interface, "draft, Feb. 14, 1978.
- 102. Department of Health and Human Services, Health Care Financing Administration, "Health Care Information System of the 80's:HCFA's Perspective and Initiatives, "discussion paper, May 14, 1980.
- 103. Department of Health and Human Services, Health Care Financing Administration, "Operating Guidelines for Determining Medical Necessity of Medicare Items and Services, "draft, Feb. 2. 1971.
- 104, Department of Health and Human Services, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics, *Grants* for Research and Demonstrations, Fiscal Year 1981, HCFA Publication No. 03074, December
- 105. Department of Health and Human Services, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics, "A Guide to ORDS Publications, " mimeo, August 1980.

- 106. Department of Health and Human Services, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics, "ORDS Research Publications," mimeo, n.d.
- **107.** Department of Health and Human Services, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics, "Research Publications Program," mimeo, n.d.
- 108. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, Maternal Serum Alpha-Fetoprotein: Issues in the Prenatal Screening and Diagnosis of Neural Tube Defects, National Center for Health Care Technology Conference Proceedings, Washington, D. C., July 28-30, 1980.
- 109. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Care Technology, "Hemodialysis for Treatment of Schizophrenia," memorandum to the Health Care Financing Administration, Sept. 18, 1980.
- 110. Department of Health and Human Services, Office of Assistant Secretary for Health/Public Health Service, National Center for Health Care Technology, "Procedures, Priorities and Policy for Assessment of Health Care Technology," Sept. 1, 1980.
- 111 Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Care Technology, "The Process for Assessing Technologies," Jan. 21, 1981.
- 112. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Care Technology, *Report to the Congress*, 1980.
- 113. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Services Research, *Program Description*, Jan. 9, 1981.
- 114. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Statistics, *Data Systems of the National Center* for Health Statistics, DHEW publication No. (PHS) 80-1247, 1980.
- 115. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Statistics, *Directions for the '80s: Final Report of* the Panel To Evaluate the Cooperative Health Statistics System, DHHS publication No. (PHS) 80-1204, August 1980.

- 116. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Statistics, Environmental Health: A Plan for Collecting and Coordinating Statistical and Epidemiologic Data, DHHS publication No. (PHS) 80-1248, 1980.
- 117. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Center for Health Statistics, *Health: United States, 1980, DHHS* publication No. (PHS) 81-1232, October 1980.
- 118. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Council for Health Care Technology, *Annual Report, Fiscal Year 1979*, n.d.
- 119. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, National Council for Health Care Technology, minutes of meeting, Washington, D. C., Aug. 13, 1981.
- 120. Department of Health and Human Services, Office of the Assistant Secretary for Health/Public Health Service, Technology Coordinating Committee, minutes of meeting, Apr. 27, 1981.
- 121. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, "Project Share: A National Clearinghouse for Improving the Management of Human Services," DHHS publication No. 0876-221, 1981.
- 122. Department of Health and Human Services, Public Health Service, Food and Drug Administration, Office of Planning and Evaluation, Economics Staff, "Baseline Data on Medical Device Industries in the Census of Manufacturers," OPE study 53, 1980.
- 123. Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Planning, "The National Health Planning Information Center: Its Conception, Development, and Organization, " mimeo, n.d.
- 124. Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Planning, "services Provided by the National Health Planning Information Center," mimeo, June 1980.
- 125. Department of Health and Human Services, Public Health Service, National Institutes of Health, NIH Public Advisory Groups: Authority, Structure, Functions, Members, publication No. (NIH) 79-11, Jan. 1, 1979.

- 126< Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Office of Information, "Coronary Artery Surgery Study," unpublished, 1981.</p>
- 127. Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Office of Information, "The Framingham Heart Study," unpublished, 1981.
- 128. Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Office of Information, "Multiple Risk Factor Intervention Trial for the Prevention of Coronary Heart Disease," n.d.
- 129 Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Lister Hill National Center for Biomedical Communications, "The Hepatitis Knowledge Base," Arm. Int. Med. 93(l) (Part 2):165, 1980.
- 130. Dowling, H. F., cited in *Competitive Problems* in the *Drug Industry: Fixed-Dose Combination* Antibiotic Drugs, prepared by the Congressional Research Service, Library of Congress, for the Select Committee on Small Business, U.S. Senate, May 1, 1979 (Washington, D. C.: U.S. Government Printing Office, 1979).
- 131 DuMouchel, W. H., and Harris, J. E., "Bayes Methods for Combining Cancer Experiments in Man and Other Species," *J. Amer. Statist. Assoc.*, in press, 1982.
- 132 Duncan, K. A., Palo Alto, Calif. "The Trend Toward a National Health Information System in the United States," unpublished paper, n.d.
- 133 "Editorial: New Insulin-Delivery Systems for Diabetics," *Lancet* 1:1275, 1979.
- **134.** Einhorn, H. J., and Hogarth, R. M., "Confidence in Judgment: Persistence in the Illusion of Validity," Psychol. *Rev.* **85**:395, 1978.
- 135. Enzer, S., et al., Some Societal Changes by 1985 and Their Impacts on Time/Money Budget (Middletown, Corm.: Institute for the Future, 1971).
- **136.** European Coronary Surgery Study Group, "Coronary-Artery Bypass Surgery in Stable Angina Pectoris: Survival at Two Years, " *Lancet* 1:889, 1979.
- 137 Eysenck, H, F., "An Exercise in Mega-Silliness," Am. *Psychol*. 33:517, 1978.
- 138 Federal Coordinating Committee on Science, Engineering and Technology, Ad Hoc Committee on Scientific and Technical Information, "Report of the Working Group on Private Sector/Govem-

- ment Relations for Scientific and Technical Information, "mimeo obtained from the National Science Foundation, Washington, D. C., June 1980.
- **139.** Feer, H., et al., *Compr. Psychiatry* **1:338**, *1960*, cited in S. C. Schulz, et al., "Dialysis in Schizophrenia: A Double-Blind Evaluation," Science **211:1066**, 1981.
- 140, Fein, R., "On Measuring Economic Benefits of Health Programs," in *Ethics and Health Policy*, R. M. Veatch and R. Branson (eds.) (Cambridge, Mass.: Ballinger, 1976).
- 141. Feinstein, A. P., "A Survey of the Statistical Procedures in General Medical Journals," *Clin. Pharmacol. Therapeut.* 15:97, 1975.
- **142.** Feldstein, M., and Taylor, A., *The Rapid Rise of Hospital Costs* (Washington, D. C.: President's Council on Wage and Price Stability, 1977).
- **143.** Fineberg, H. V., "Gastric Freezing—A Study of Diffusion of Medical Innovation," in *Medical Technology and the Health Care System* (Washington, D. C.: National Academy of Sciences, 1979).
- 144. Fineberg, H. V., and Hiatt, H. H., "Evaluation of Medical Practices: The Case for Technology Assessment," N. Eng. J. Med. 301:1086, 1970.
- Assessment," *N. Eng. J. Med.* 301:1086, 1970.

 145. Fineberg, H. V., et al., "Acquisition and Application of New Medical Knowledge by Anesthesiologists: Three Recent Examples," *Anesthesiology* 48:430, 1978.
- **146**, Fishbein, H. A., State of Rhode Island Department of Health, Providence, R. I., personal communication, May *7*, *1981*.
- 147. Fisher, B., "Breast-Cancer Management: Alternatives to Radical Mastectomy," IV. Eng. J. Med. 301:326, 1979.
- 148. Fletcher, R. H., and Fletcher, S. W., "Clinical Research in General Medical Journals," *N. Eng. J. Med.* 301:180, 1979.
- **149.** Frank, J. D., *Persuasion and Healing* (Baltimore: Johns Hopkins University Press, 1973).
- **150.** Frankina, W. K., *Ethics* (Englewood Cliffs, N. J.: Prentice-Hall, 1973).
- **151.** Freeman, C., *The Role of Small Firms in Innovation in the United Kingdom Since 1945*, report to the Bolton Committee of Inquiry on Small Firms, research report No. 6 (London: Her Majesty's Stationery Office, **1971)**.
- **152(** Freeman, G., Blue Cross/Blue Shield Association, Chicago, Ill., personal communication, May **1981**.
- 153 Freiman, J. A., et al., "The Importance of Beta, the Type II Error and Sample Size in the Design and Interpretation of the Randomized Control Trial," N. Eng. J. Med. 299:690, 1978.

- 154. General Accounting Office, U.S. Congress, FDA Drug Approval: A Lengthy Process That Delays the Availability of Important New Drugs, report by the Comptroller General of the U.S. to the Subcommittee on Science, Research, and Technology, House Committee on Science and Technology, U.S. Congress, May 28, 1980.
- 155. General Accounting Office, U.S. Congress, *OPM* **Should Promote Medical Necessity Programs for** Federal Employees' Health Insurance (Washington, D. C.: U.S. Government Printing Office, July 29, 1980).
- 156. Gerstenfeld, A., "A Study of Successful Projects, Unsuccessful Projects, and Projects in Process in West Germany, " IEEE Trans. Eng. Mgt. EM-23(3):116, 1976.
- 157. Gifford, R. H., and Feinstein, A. R., "A Critique of Methodology in Studies of Anticoagulant Therapy for Acute Myocardial Infarction, "N. Eng. J. Med. 280:351,1969.
- 158. Gilbert, J. P., et al., "Assessing Social Innovations: An Empirical Base for Policy, in *Evalua*tion and Experiment: Some Critical Issues in Assessing Social Programs, C. A. Bennett and A. A. Lumsdaine (eds.) (New York: Academic Press. 1975).
- 159, Gilbert, J. P., et al., "Progress in Surgery and Anesthesia: Benefits and Risks of Innovative Therapy, "in Costs, Risks, and Benefits of Surgery, J. P. Bunker, et al. (eds.) (New York: Oxford University Press, 1977).
- 160 Gilbert, J. P., et al., "Statistics and Ethics in Surgery and Anesthesia," science 198:684, 1977.
- 161. Gillings, D., et al., "Analysis of Interrupted Time Series Mortality Trends: An Example To Evaluate Regionalized Perinatal Care, "Am. J. Public **Health** 71:38,1981.
- 162. Ginsburg, P., "Resource Allocation in the Hospital Industry: The Role of Capital Financing, "Soc. Sec. Bull. 35:20, 1972.
- 163. Glaser, E. M., "Using Behavioral Science Strategies for Defining the State of the Art, " J. Applied Behav. Sci. 16:79, 1980.
- 164. Glass, G. V., "Integrating Findings: The Meta-Analysis of Research, " in Review of Research in Education, vol. 5, L. S. Shulman (cd.) (Itasca, Ill.: Peacock, 1977).
- 165. Glass, G. V., "Primary Secondary, and Meta-Analysis of Research, " Educ. Res. 5:3, 1976.
- 166. Glass, G. V., and Smith, M. L., "Meta-Analysis of Research on Class Size and Achievement, 3 Educ. Evaluat. Policy Analysis 1:2, 1979.
- 167. Glass, G. V., et al., The Design and Analysis of

- Time-Series Experiments (Boulder, Colo.: Colorado Associated University Press, 1975).
- 168. Goldschmidt, P., Veterans Administration, Washington, D. C., personal communication, January 1982.
- 169. Gordis, L., et al., "Pitfalls in Evaluating the Impact of Coronary Care Units on Mortality From Myocardial Infarctions," Johns Hopkins Med. J. 141:287, **1977.**
- **170.** Gore, S. M., "Assessing Clinical Trials—First Steps," Br. Med. J. 282:1605, 1981.
- 171. Gore, S. M., "Assessing Clinical Trials—Trial Size," Br. Med. J. 282:1687,1981.
- 172, Gore, S. M., et al., "Misuse of Statistical Methods: Critical Assessment of Articles in BMJ From January to March 1976," Br. Med. J. 1:85,
- 173. Gottman, J. M., "N-of-One and N-of-Two Research in Psychotherapy, " Psychol. Bull. 80:93.
- 174. Grabowski, H. G., et al., "The Effects of Regulatory Policy on the Incentives To Innovate: An International Comparative Analysis, " in *Impact* of Public Policy on Drug Innovation and Pricing, S. A. Mitchell and E. A. Links (eds.) (Washington, D. C.: The American University,
- 175, Grace, N. D., et al., "The Present Status of Shunts for Protal Hypertension Incirrhosis," Gastroent. 50:684, 1966.
- **176.** *The Gray Sheet* "Restricted Device Case-by-Case Alternative Unanimously Urged by Associations," 7(4): I&W8, Jan. 26, 1981.
- 177. The Gray Sheet, "Mandatory Experience Reporting Proposal Unanimously Criticized by Manufacturers," 7(6), Feb. 9, 1981.
- 178. Greer, A. L., "Advances in the Study of Diffusion of Innovation in Health Care Organizations," Milbank Mere. Fund Q. 55:505, 1977.
- 179, Hale, W. E., et al., "Drug Use in a Geriatric Population, "J. Am. *Geriat. Soc. 23(S)*: 374, 1979.
- 180. Hammermeister, K. E., et al., "Effect of Aortocoronary Saphenous Vein Bypass Grafting on Death and Sudden Death, "Am. J. Cardiol. 39:925, 1977.
- 181. Hammermeister, K. E., et al., "Evidence From a Nonrandomized Study That Coronary Surgery **Prolongs Survival in Patients With Two-Vessel** Coronary Disease, " Circulation 59:430, 1979.
- **182.** Harris, J. E., *Macro-Experiments Versus Micro-*Experiments for Health Policy (No. 286A) (Cambridge, Mass.: Massachusetts Institute of Technology Press, 1981).

- 183 Hayes, R. H., and Abernathy, W. J., "Managing Our Way to Economic Decline," *Harvard Bus. Rev.* 58(4):68, 1980.
- 184. Hecht, A., "Drug Effects on the Eyes," *FDA Consumer*, November 1978, p. 14.
- 185. Hecht, A., "Tracking the Skin's Reactions to Drugs," *FDA Consumer*, April 1981, p. 5.
- 186. Hedges, L. V., and Olkin, I., "Vote-Counting Methods in Research Synthesis," *Psychol. Bull.* 88:359, 1980.
- **187**. Hill, A. B., *Controlled Clinical Trials* (Springfield, Ill.: Charles C, Thomas, 1960).
- 188. Hill, J. D., et al., "A Randomised Trial of Home-Versus-Hospital Management for Patients With Suspected Myocardial Infarction," *Lancet* 1:837, 1978.
- 189. Hobbins, J. C., et al., "The Fetal Monitoring Debate," *Pediatrics* 63:942, *1979.*
- Hoehler, F, K., et al., "Spinal Manipulation for Low Back Pain," *J. A.M.A.* 245:1835, 1981.
- 191. Horwitz, R. I., and Feinstein, A. R., "Alternative Analytic Methods for Case-Control Studies of Estrogens and Endometrial Cancer," N. *Eng. J. Med.* 299(20):1089, 16, 1978.)
- **192.** Horwitz, R. I., et al., "Necropsy Diagnosis of Endometrial Cancer and Detection—Bias in Case/Control Studies," *Lancet* 2:66, **1981**.
- 193. Hubbard, W. N., Jr., President, Upjohn Co., testimony at the hearings on *The Depo-Provera Debate* before the Select Committee on Population, U.S. House of Representatives, Aug. 8, 1978 (Washington, D. C.: U.S. Government Printing office, 1978).
- 194. Hulka, B. S., et al., "Physician Management in Primary Care," Am. *J. Public Health* 66:1173, 1966.
- 195. Hummel-Rossi, B., and Weinberg, S. L., "Practical Guidelines in Applying Current Theories to the Measurement of Change," *JSAS Catalog of Selected Documents in Psychology* (Ms. No. 916) 5:226, 1975.
- 196. Hutchinson, G. B., and Rothman, K. J., "Correcting a Bias?" N. *Eng. J. Med.* 299:1129, 1978.
- 197. Institute of Medicine, National Academy of Sciences, Conference Summary: Evaluating Medical Technologies in Clinical Use (Washington, D. C.: NAS, 1981).
- **198.** Institute of Medicine, National Academy of Sciences, *Reliability of Hospital Discharge Abstracts* (Washington, D. C.: NAS, 1980).
- **199.** Institute of Medicine, National Academy of Sciences, *Reliability of Medicare Hospital Discharge*

- **Records** (Washington, D. C.: NAS, November 1977).
- 200, Jick, H., et al., "Vaginal Spermicides and Congenital Disorders, "J.A. M.A. 245(13):1329, 1981.
- 201. Joint Commission on Prescription Drug Use, Inc., Report of the Joint Commission on Prescription Drug Use: Appendix II, Minutes of Meetings, minutes of June 20-21, 1978 (Rockville, Md.: Jan. 23, 1980).
- **202.** Jones, R, R., et al., "Time-Series Analysis in Operant Research," *J. Applied Behav. Analysis* 10:151, 1977.
- **203.** Jones, S. E., "Adjuvant Chemotherapy for Breast CancerJ" *J. A.M.A.* 245:1527, *1981*.
- 204. Jensen, A. R., "The Totally Implantable Artificial Heart," Hast. Cent. Rpt. 3(5):1,1973.
- Jensen, A. R., and Butler, L. H., "Public Ethics and Policy Making," Hast. Cent. Rpt. 5(4):19, 1975.
- 206 Joreskog, K. G., "A General Approach to Confirmatory Maximum Likelihood Factor Analysis," Psychometrika 34:183, 1969.
- Kaiser Foundation Health Plan, Oakland, Calif., "Kaiser-Permanente Medical Care Program Annual Report 1980," n.d.
- **208.** Katz, E., et al., "Traditions of Research on the Diffusion of Innovation," *Amer. Sociol.* **28**:237, **1963**
- **209.** Kennedy, R. H., et al., "Necrologic Computed Tomography in a Defined Population Group," *Radiology* 106:1, *1979.*
- **210.** Kennedy, R. H., et al., "Trends in Cardiac Surgery: Five-Year Study of a Defined Population," *Thoracic Cardiovasc. Surg.* 80(5):702, 1980.
- **211.** Kennedy, R. H., et al., "Use of the Cardiac-Catheterization Laboratory in a Defined Population," N. *Eng. J. Med.* 303:1273, *1980.*
- **212.** Kimberly, J. R., "Hospital Adoption of Innovation: The Role of Integration Into External Information Environments," *J. Health Soc. Behav.* 19:361, *1978.*
- **213.** Kimberly, J. R., "Managerial Innovation," in *Handbook of Organizational Design,* P. C. Nystrom and W. H. Starbuck (eds.) (New York: Oxford University Press, 1981).
- Kohrrnan, A., Washington, D. C., personal communication, 1981.
- **215.** Kolata, G. B., "Dilemma in Cancer Treatment," *Science* 209:792, **1980.**
- 216. Krol, R, A., "A Meta-Analysis of Comparative Research on the Effects of Desegregation on Academic Achievement," unpublished doctoraldis-

- sertation, University of Michigan, Ann Arbor, Mich., 1979.
- 217, Kuhn, T. S., The Structure of Scientific Revolutions (Chicago: University of Chicago Press, 1970).
- 218, Kunitz, S., et al., "Pilot Data Bank Networks for Neurological Disorders," in *Third Annual Proceedings of the Symposium of Medical Care* (Long Beach, Calif.: IEEE Computer Society, 1979).
- 219 Langrish, J., et al., Wealth From Knowledge (London: Macmillan, 1972).
- 220. Lave, L. B., and Seskin, E. P., "Epidemiology, Causality and Public Policy," *Am. Sci.*67:178, 1979.
- 221. Lebacqz, K., "Bioethics: Some Challenges From a Libertarian Perspective," presented at the Conference on Faith, Science, and the Future, Cambridge, Mass., July 1979.
- 222. Levy, R. I., and Sondik, E. J., "Decision-Making in Planning Large-Scale Comparative Studies," *Ann. N. Y. Acad. Sci.* 304:441, *1978.*
- 223. Levy, R. I., and Sondik, E. J., "The Management of Biomedical Research: A Case in Point," in *Biomedical Innovation*, E. B. Roberts, et al. (eds.) (Cambridge, Mass.: MIT Press, 1981).
- 224, Levy, D., New York Hospital, personal communication, April 1981.
- 225. Levy, D., et al., "Prognosis in Nontraumatic Coma," *Ann. Int. Med.* 94(3):293, *1981*.
- 226. Light, R. J., and Smith, P. V., "Accumulating Evidence: Procedures for Resolving Contradictions Among Research Studies," *Harvard Educ. Rev.* 41:429, 1976.
- 227, Lohr, K. N., et al., *Peer Review and Technology*Assessment in Medicine, prepared for the Office of Technology Assessment, U.S. Congress (Santa Monica, Calif.: Rand Corp., August 1981).
- 228. Lowe, C. U., Office of Medical Applications of Research, National Institutes of Health, Bethesda, Md., personal communication, May 15, 1981.
- 229. Lowe, C. U., "The Consensus Development Programme: Technology Assessment at the National Institutes of Health," *Br. Med. J.* 28:1583, *1980.*
- 230. Luborsky, L., et al., "Comparative Studies of Psychotherapies: Is It True That Everyone Has Won and All Must Have Prizes?" Arch. *Gen. Psychiatry* 32:995, *1975.*
- 231, Malkiel, B. G., "Productivity: The Problem Behind the Headlines," *Harvard* Bus. Rev. 57(3):81, 1980.
- 232. Malone, W. F., et al., "The Delphi Technique as an Instrument in Dental Curriculum Revision," *J. Dent. Educ.* 40:298, **1976.**

- 233. Manning, P. R., and Denson, T. A., "How Cardiologists Learn About Echocardiography: A Reminder for Medical Educators and Legislators," Ann. Int. Med. 91:469, 1979.
- 234. Manning, P. R., and Denson, T. A., "How Internists Learned About Cimetidine," *Ann. Int. Med.* 92:690, 1980.
- **235.** Mansfield, E., et al., *The Production and Application of New Industrial Technology (New York: Norton, 1977).*
- **236.** Mather, H. G., et al., "Myocardial Infarction: A Comparison Between Home and Hospital Care for Patients," *Br. Med. J.* 1:925, 1976.
- **237.** McCleary, R., and Hay, R. A., Jr., *Applied Time Series for the Social Sciences* (Beverly Hills, Calif.: Sage Publications, **1980**).
- 238. McGinnis, W., Department of Defense, Tri-Service Medical Information Systems Program Office, Bethesda, Md., personal communication, Dec. 10. 1981.
- 239. McGuire, W. J., "The Nature of Attitudes and Attitude Change, " in *Handbook of Social Psychology*, vol. 3., G. Lindzey and E. Aronson (eds.) (Reading, Mass.: Addison-Wesley, 1969).
- **240.** McNeer, J. F., et al., "The Nature of Treatment Selection in Coronary Artery Disease: Experience With Medical and Surgical Treatment of a Chronic Disease," *Circulation* 49:606, 1974.
- **241.** McNeil, G. J., and Adelstein, S. J., "Determining the Value of Diagnostic and Screening Tests," *J. Nucl. Med.* 17:439, 1976.
- **242**, Meier, P., University of Chicago, personal communication, Dec. 4, 1980.
- 243. Meier, P., 'The Biggest Public Health Experiment Ever: The 1954 Field Trial of the Salk Poliomyelitis Vaccine, " in *Statistics: A Guide to the Unknown*, J. M. Tanur, et al. (eds.) (San Francisco: Holden-Day, 1972).
- 244. Merrill, R. A., "FDA Modes of Regulation and Their Relationship to Private Sector Innovation," prepared for the Office of Technolog, Assessment, U.S. Congress, Washington, D. C., 1980,
- 245. Miao, L. L. "Gastric Freezing: An Example of the Evaluation of Medical Therap, by Randomized Clinical Trials," in *Costs, Risks, and Benefits of Surgery, J. P. Bunker, et al. (eds.) (New York: Oxford University Press, 1977).*
- **246.** Milholland, A. V., et al., "Medical Assessment by a Delphi Group Opinion Technique," N. Eng. *J.* Med. **288**:1272, 1973,
- Miller, M. J., "FDA Voluntary Standards Endorsement Policy: Victim of Legal Homicide," *Med. Instrumentation* 14:331, 1980.
- 248. Mitchell, A. A., et al., "Adverse Drug Effects and

- Drug Surveillance, " in *Pediatric Pharma-cology—Therapeutic Principles* in Practice, S. J. Yaffe (cd.) (New York: Grune & Stratton, 1980).
- **249.** Moloney, T. W., and Rogers, D. E., "Medical Technology: A Different View of the Contentious Debate Over Costs," N. *Eng. J. Med.* **301(26)**: **1413**, **1979**.
- **250.** Moscovice, I., et al., "Health Services Research for Decision-Makers: The Use of the Delphi Technique To Determine Health Priorities," *J. Health Polit. Policy Law* 3:388, 1977.
- **251.** Mosenkis, R., Emergency Care Research Institute, Philadelphia, Pa., personal communication, August **1981.**
- **252.** Mosteller, F., "Innovation and Evaluation, " *Science* 211(4485):881, **1981.**
- **253.** Muller, J. E., et al., "Let's Not Let the Genie Escape From the Bottle—Again," N.*Eng. J. Med.* 304:1294, 1981.
- **254.** Murphy, M. L., et al., "Special Correspondence: A Debate on Coronary Bypass," N. *Eng. J. Med.* 297:1470, 1977.
- **255.** Murphy, M. L., et al., "Treatment of Chronic Stable Angina: A Preliminary Report of Survival Data of the Randomized Veterans Administration Cooperative Study," N. *Eng. J. Med.* 297:621, 1977.
- **256.** Myers, S., and Marquis, D. G., *Successful Industrial Innovations,* NSF **69-71** (Washington, D. C.: National Science Foundation, **1969**).
- **257.** National Science Foundation, *Science Indicators* 1978 (Washington, D. C.: NSF, 1978).
- **258.** Nelson, N. M., et al., "A Randomized Clinical Trial of the Leboyer Approach to Childbirth," N. *Eng. J. Med.* 302:655, **1980**.
- **259.** Neustadt, R. D., and Fineberg, H. V., *The Swine Flu Affair: Decision-Making on a Slippery Disease*, GPO stock No. **017-000-002104** (Washington, D. C.: U.S. Government Printing Office, **1978**).
- **260.** "New Device Introductions on the Rise," Dev. & Diag. Letter 7:3, Aug. 12, 1980.
- **261.** Nine, H., Food and Drug Administration, Bureau of Medical Devices, Rockville, Md., personal communication, January **1981**.
- **262.** Nisbett, R. E., and Ross, L. D., *Human Inference: Strategies and Shortcomings of Social Judgment* (Englewood Cliffs, N. J.: Prentice-Hall, **1980**).
- **263.** Nobrega, F. T., et al., Mayo Clinic, Rochester, Minn., "Hospital Use in a Circumscribed Community," unpublished paper, 1980.
- **264.** The Norwegian Multicenter Study Group, "Timolol-Induced Reduction in Mortality and Re-

- infarction in Patients Surviving Acute Myocardial Infarction," N. Eng. J, Med. 304:801, 1981.
- 265. Office of Technology Assessment, U.S. Congress, *Annual Report to the Congress for 1977* (Washington, D. C.: U.S. Government Printing Office, 1978).
- 266. Office of Technology Assessment, U.S. Congress, Assessing the Efficacy and Safety of Medical Technologies, GPO stock No. 052-003-00593-0 (Washington, D. C.: U.S. Government Printing Office, September 1978).
- 267< Office of Technology Assessment, U.S. Congress, Assessment of Technologies for Determining Cancer Risks From the Environment, GPO stock No. 052-003-00832-7 (Washington, D. C.: U.S. Government Printing Office, June 1981).
- 268. Office of Technology Assessment, U.S. Congress, Computer Technology in Medical Education and Assessment, GPO stock No. 052-003-00704-5, (Washington, D. C.: U.S. Government Printing Office, September 1979).
- 269. Office of Technology Assessment, U.S. Congress, Development of Medical Technology: Opportunities for Assessment, GPO stock No. 052-003-00217-5 (Washington, D. C.: U.S. Government Printing Office, August 1976).
- 270. Office of Technology Assessment, U.S. Congress, The Implications of Cost-Effectiveness Analysis of Medical Technology, GPO stock No. 052-003-00765-7 (Washington, D. C.: U.S. Government Printing Office, August 1980).
- 271. Office of Technology Assessment, U.S. Congress, The implications of Cost-Effectiveness Analysis of Medical Technology/Background Paper #1: Methodological Issues and Literature Review, GPO stock No. 052-003-00780-1 (Washington, D. C.: U.S. Government Printing Office, September 1980).
- 272. Office of Technology Assessment, U.S. Congress, The Implications of Cost-Effectiveness Analysis of Medical Technology/Background Paper #2: Case Studies of Medical Technologies (Washington, D. C.: U.S. Government Printing Office, 1981).
- 273 Office of Technology Assessment, U.S. Congress, The Implications of Cost-Effectiveness Analysis of Medical Technology/Background Paper #3: The Efficacy and Cost Effectiveness of Psychotherapy, GPO stock No, 052-003-00780-5 (Washington, D. C.: U.S. Government Printing Office, October 1980).
- 274. Office of Technology Assessment, U.S. Congress, The Implications of Cost-Effectiveness Analysis

- of Medical Technology/Background Paper #4: The Management of Health Care Technology in Ten Countries, GPO stock No. 052-003-00780-3 (Washington, D. C.: U.S. Government Printing Office, October 1980).
- **275.** Office of Technology Assessment, U.S. Congress, *Medical Technology Under Proposals To Increase Competition in Health Care*, in press, 1982.
- **276.** Office of Technology Assessment U.S. Congress, *MEDLARS and Health Information Policy*, in press, **1982**.
- 277. Office of Technology Assessment, U.S. Congress, "The National Center for Health Care Technology and Medical Technology Assessment Policy," staff paper, Mar. 16, 1981.
- 278. Office of Technology Assessment, U.S. Congress, "The National Library of Medicine," staff paper, Mar. 17, 1981.
- 279, Office of Technology Assessment, U.S. Congress, Policy Implications of the Computed Tomography (CT) Scanner, GPO stock No. 052-003-00565-4, (Washington, D. C.: U.S. Government Printing Office, August 1978).
- **280.** Office of Technology Assessment, U.S. Congress, *Policy Implications of the Computed Tomography (CT) Scanner: An Update*, GPO stock No. **052-003-00793-2**, (Washington, D. C.: U.S. Government Printing Office, January **1981**).
- **281.** Office of Technology Assessent, U.S. Congress, *Postmarketing Surveillance of Prescription Drugs*, in press, 1982.
- **282,** Office of Technology Assessment, U.S. Congress, *Selected Topics in Federal Health Statistics,* GPO stock No. *052-003 -00683-9* (Washington, D. C.: U.S. Government Printing Office, June 1979).
- **283.** Office of Technology Assessment, U.S. Congress, *Technological Innovation and Health, Safety, and Environmental Regulations*, in press, 1982.
- 284. Okie, S., "Hard To Put Price on Heart Surgery's Value," *The Washington Post*, Apr. 27, 1981, A13
- 285, Palmour, R. M., and Ervin, F. R., "Biochemical and Behavioral Studies of a Peptide Derived From the Dialysate of Psychiatric Patients," presented at the 24th Annual Meeting of the American Society for Artificial Internal Organs, April 1978.
- **286**, Patton, M. Q., *Qualitative Evaluation Methods* (Beverly Hills, Calif.: Sage Publications, 1979).
- **287**, Perry, S., and Kalberer, J. T., Jr., "The NIH Consensus-Development Program and the Assessment of Health Technologies: The First Two Years," N. *Eng. J. Med.* 303:169, **1980**.

- 288. Peterson, R. D., and MacPhee, C. R., *Economic Organization in Medical Equipment and Supply* (Lexington, Mass.: D. C. Heath & Co., 1973).
- 289. Pete, R., et al., "Design and Analysis of Randomized Clinical Trials Requiring Prolonged Observation of Each Patient: 1. Introduction and Design," *Br. J. Cancer* 34:585, 1976.
- 290. Pickup, J. C., and Keen, H., "Continuous Subcutaneous Insulin Infusion: A Developing Tool in Diabetes Research," *Diabetologia* 18:1, **1980**.
- 291. Pickup, J. C., et al., "Continuous Subcutaneous Insulin Infusion: Improved Blood-Glucose and Intermediary-Metabolite Control in Diabetics," *Lancet* 1:1255, 1979.
- 292 Pillemer, D. B., and Light, R. J., "synthesizing Outcomes: How To Use Research Evidence From Many Studies," *Harvard Educ. Rev.* 50:176, 1980.
- 293, Policy Research, Inc., Baltimore, Md., *Medical Practice Information Demonstration Project,* final report to the Office of the Assistant Secretary for Health, Department of Health, Education, and Welfare, contract No. 282-77-0068 GS, December 1979.
- 294. Posavac, E. J., "Evaluations of Patient Education Programs: A Meta-Analysis," *Eval. Health Profess.* 3:47, 1980.
- 295. Powledge, T. M., and Fletcher, J., "Guidelines for the Ethical, Social and Legal Issues in Prenatal Diagnosis," N. *Eng. J. Med.* 300:168, 1979.
- 296. President's Commission for the Study of Ethical Problems in Medicine and Biomedical and Behavioral Research, *Defining Death: Medical, Legal and Ethical Issues in the Determination of Death* (Washington, D. C.: U.S. Government Printing Office, July 1981).
- 297. Preston, T. A., Coronary Artery Surgery: A Critical Review (New York: Raven, 1977),
- 298. Quinn, J. G., "Why Executives Think Short," Newsweek, July 13, 1981.
- Radzius, J. R., "FDA Regulation of Drugs, Devices," *AORN J.* 24:254, 1976.
- 300. Ramroth, D. N. (cd.), Proceedings From the Medical and Scientific Section Meeting on Getting New Products to the Market (Washington, D. C.: Health Industry Manufacturers Association, 1979).
- **301.** Rapoport, J., "Diffusion of Technological Innovation Among Non-Profit Firms: A Case Study of Radioisotopes in U.S. Hospitals, "*J, Econ. Bus.* 301:108, 1978.
- **302.** Registry for Research on Hormonal Transplacen-

- tal Carcinogenesis, 1978 Newsletter, Chicago,
- 303. Registry for Research on Hormonal Transplacental Carcinogenesis, 1979-80 Newsletter, Chicago,
- 304. Reich, W. T. (cd.), Encyclopedia of Bioethics (New York: Free Press, 1978).
- 305. Reiss, J. B., "Issues in the Cost and Regulation of New Medical Technologies and Procedures: Heart Transplants as a Case Study," presented to the Harvard-MIT Conference on Medical Technology, Boston, Apr. 13-16, 1980.
- 306. Reiss, J. B., "Technology Assessment and Paying for Medical Services Provided Patients, " prepared for the Office of Technology Assessment, U.S. Congress, Washington, D. C., April 1981.
- 307. Relman, A. S., "Assessment of Medical Practices," IV. Eng. J. Med. 303(3):153, 1980.
- 308. Rennie, R. A., "Consensus Statements," N. Eng. J. Med. 303:153, 1980.
- 309. Research News, The Diabetes Research and Training Center: New Assault on an Old Enemy (Ann Arbor: University of Michigan, May,
- 310. Rettig, R. A., "The Federal Government and Medical Technology: Crossing Policy and Management Thresholds, " Policy Sci. 11:343, 1980.
- 311. Riecken, H. W., and Boruch, R. F. (eds.), Social Experimentation: A Method for Planning and **Evacuating Social Intervention (New York:** Academic Press, 1975).
- 312. Rindskopf, D., "Using Structural Equation Models To Analyze Nonexperimental Data, " in Reanalyzing Program Evaluations: Policies and Practices for Secondary Analysis of Social and **Educational Programs**, R. F. Boruch, et al. (eds.) (San Francisco: Jossey-Bass, in press).
- **313.** Roberts, E. B., "Influences on Innovation: Extrapolations to Biomedical Technology, " in Biomedical Innovation, E. B. Roberts, et al. (eds.) (Cambridge, Mass.: MIT Press, 1981).
- 314. Robinson, J. A., "Coronary Care Unit Versus Hospital Mortality in Acute Myocardial Infarction," Israel J. Med. Sci. 5:772, 1969.
- 315. Rodak, J., National Center for Health Care Technology, Rockville, Md., personal communication, December 1980.
- 316. Roe, B. B., "The UCR Boondoggle: A Death Knell for Private Practice?" N. Eng. J. Med. 305(1):41, 1981.
- 317. Rogers, E. M., and Shoemaker, F. F., Communication of Innovations: A Cross-Cultural Approach, 2d ed. (New York: Free Press, 1971).
- 318. Romm, F. J., and Hulka, B. S., "Developing Criteria for Quality of Care Assessment: Effect of

- the Delphi Technique, "Health Serv. Res. 14:309, 1979.
- **319.** Roos, L. L., Jr., et al., "Assessing the Impact of Tonsillectomies, " *Med. Care* 16(6):502, 1978. 320. Roos, L. L., Jr., et al., "Using Administrative
- Data Banks for Research and Evaluation: A Case Study," Evaluat. Q. 3(2):236, 1979,
- 321. Roos, N. P., "Who Should Do the Surgery? Tonsillectomy-Adenoidectomy in One Canadian Province," *Inquiry* 16(1):73, 1979.
- 322. Roos, N. P., et al., "A New Audit Procedure Applied to an Old Question: Is the Frequency of T&A Justified?" Med. Care 15(1):1,1977.
- 323. Rosati, R., et al., Expansion, Extension, and Evaluation of a Clinical Databank for Coronary Artery Disease, contract No. HRA 230-76-0300, submitted to the National Center for Health Services Research, Hyattsville, Md., August 1980.
- **324.** Rosenthal, R., "Combining Results of Independent Studies," *Psychol. Bull.* **85**:185, 1978.
- 325. Rosenthal, R., Experimenter Effects in Behavioral **Research** (New York: Irvington, 1976).
- 326. Ross, R. S., "Ischemic Heart Disease: An Overview," Am. J. Cardiol. 38:496, 1975.
- 327. Rothwell, R., and Zegveld W., "The Role of Small Manufacturing Enterprises in Innovation, ' **P.** Innov. 2(1):3, 1979.
- 328. Rubenstein, L., et al., "Quality of Care Assessment by Process and Outcome Scoring, " Ann. Intern. *Med.* 86:617, 1977.
- 329< Ruffin, J. M., et al., "A Co-Operative Double-Blind Evaluation of Gastric Freezing in the Treatment of Duodenal Ulcer, " N.Eng. J. Med. 281:16,
- **330.** Runyon, R. P., and Haber, A., *Fundamentals of* Behavioral Statistics, 3d ed. (Reading, Mass.: Addison-Wesley, 1976).
- 331, Russell, L. B., Technology in Hospitals: Medical **Advances and Their Diffusion** (Washington, D. C.: The Brookings Institution, 1979).
- 332. Ryder, H. W., letter to the editor, N. Eng. J. Med. 296:45, 1977.
- 333. Salkever, D., and Bice, T., Hospital Certificateof-Need Controls: Impact on Investment, Costs, and Use (Washington, D. C.: American Enterprise Institute for Public Policy Research, 1979).
- 334. Salkever, D., and Bice, T., "The Impact of Certificate-of-Need Controls on Hospital Investment," Milbank Mere. Fund Q. 54:185, 1976.
- 335. Saxe, L., and Fine, M., Social Experiments: **Methods for Design and Evaluation** (Beverly Hills, Calif.: Sage Publications, 1981).
- 336, Schoenbaum, S. C., et al., "The Swine-Influenza Decision, " N. Eng. J. Med. 295:759, 1976.
- 337. Schor, S., and Karten, I., "Statistical Evaluation

- of Medical Journal Manuscripts, " *J. A. M A.* 195:145, 1966.
- 338. Schulz, S. C., et al., "Dialysis in Schizophrenia: A Double-Blind Evaluation," Science 211:1066, 1981.
- **339.** Scriven, M., "The Methodology of Evaluation," in *Perspectives of Curriculum Evaluation*, R. W. Tyler, et al. (eds.) (Chicago: Rand McNally, 1967).
- **340.** Sechrest, L., et al., "Introduction-Some Neglected Problems in Evaluation Research: Strength and Integrity of Treatments" in *Evaluation Studies Review Annual*, vol. 4, L. Sechrest, et al. (eds.) (Beverly Hills, Calif.: Sage Publications, 1979).
- **341.** Shapiro, S., "Evidence on Screening for Breast Cancer From a Randomized Trial, " *Cancer* 39:2772, 1977.
- **342.** Sherman, M. A., "Mobile Intensive Care Units: An Evaluation of Effectiveness, " *J, A.M.A.* 241:1899, *1979.*
- **343.** Sherman, M. A., et al., "Threats to the Validity of Emergency Medical Services Evaluation," *Med. Care* 17:127, *1979.*
- **344.** Shields, S., Hospital Utilization Plan, Pittsburgh, Pa., personal communication, May **8**, **1981**.
- **345.** Shrader-Frechette, A., "Technology Assessment as Applied Philosophy of Science," *Sci.Technol. Human Values* 6:33, **1980.**
- **346.** Silverman, W. A., "The Lesson of Retrolental Fibroplasia," *Sci.* Am. 236(6):100, 1977.
- 347. Silvers, J. B., "Competitive Economics of Health Care Providers in the 1980's: The Case of the Large National Clinics," presented at the Project HOPE conference, "The Role of Major Medical Clinics in Meeting Future National Health Needs," Millwood, Va., Mar. 11-13, 1981.
- **348.** Singer, D., et al., "Unexpected Readmission to the Coronary Care Unit During Recovery From Acute Myocardial Infarction," N. *Eng. J. Med.*, 304(11):625, **1981**.
- **349**. Singer, I. D., Washington, D. C., "Notes on Federal Efforts in Ethics and Health Policy," personal communication, **1981**.
- **350.** Siperstein, M. D., et al., "Control of Blood Glucose and Diabetic Vascular Disease," N*Eng. J. Med.* 296:1060, **1977.**
- **351.** Skolnick, M., "The Utah Genealogical Data Base: A Resource for Genetic Epidemiology," in *Banbury Report 4: Cancer Incidence in Defined Populations* (Cold Spring Harbor, N. Y.: Cold Spring Harbor Laboratory, **1980**).
- **352.** Skolnick, M., et al., "A Computerized Family History Data Base System," *Sociol. & Soc. Res.*, 63(3):507, 1979.

- **353**, Smith, M. L., and Glass, G. V., "Meta-Analysis of Psychotherapy Outcome Studies, " Am. *Psychol*. 32:752, 1977.
- **354**, Smith, M. L., et al., *The Benefits of Psychotherapy* (Baltimore: Johns Hopkins University Press, 1981).
- 355. Smithson, L., *Structure of the U.S. Medical Supply, Equipment, and Devices Industries* (Stanford, Calif.: SRI International, 1979).
- 356. Sonnenfeld, J. A., "The Blue Cross and Blue Shield Associations' Medical Necessity Program," *Volunt. Effort Q.* 3(2):5, 1981.
- **357**, Speer, D. C., and Tapp, J. C., "Evaluation of Mental Health Service Effectiveness: A "Start Up" Model for Established Programs, " Am. *J. Orthopsych.* **46**:217, 1976.
- **358,** Spodick, D. H., "The Surgical Mystique and the Double Standard: Controlled Trials of Medical and Surgical Therapy for Cardiac Disease," Am. *Heart J.*85:579, *1973.*
- **359.** Stein, D. J., "Manufacturers of Medical Devices Join the Chorus of Regulatory Critics," *National J.* 12(38):1556, 1980.
- **360.** Stinson, E. R., and Mueller, D. A., "Surve, of Health Professionals' Information Habits and Needs: Conducted Through Personal Interviews," *J. A.M.A.* 243(2):140, 1980.
- **361.** Tamborlane, W. V., et al., "Restoration of Normal Lipid and Amino Acid Metabolism in Diabetic Patients Treated With a Portable Insulin-Infusion Pump," *Lancet* 1:1258, 1979.
- **362.** Tattersall, R. B., "Home Blood Glucose Monitoring," *Diabetologia* 16:71, 1979.
- **363.** Temple, R., and Pledger, G. W., "The FDA's Critique of the Anturane Reinfarction Trial," *N. Eng. J. Med.* 303:1488, 1980.
- **364.** Thacker, S., Center for Disease Control, Atlanta, Ga., personal communication, April 1981.
- **365.** Thibault, *G.* E., et al., "Medical Intensive Care: Indications, Interventions, and Outcomes," N. *Eng. J. Med.*, 302(17):938, 1980.
- **366.** Thomas, L., *Lives of a Cell (New York: Banton Books, Inc., 1975).*
- 367. Thompson, M. S., and Cohen, A. B., "Decision Analysis: Electronic Fetal Monitoring," in *Methods of Evaluating Health Services*, P. M. Wortman (cd.) (Beverly Hills, Calif.: Sage Publications, 1981).
- 368. Thornell, C. A., Comparison of Strategies for the Development of Process Measures in Emergency Medical Services, NCHSR Research Summary Series (Hyattsville, Md.: National Center for Health Services Research, 1981).
- **369**, Tilson, D., et al., "The Federal Interest," in *The Diffusion of Medical Technology, G.* Gordon and

- G. L. Fisher (eds.) (Cambridge, Mass.: Ballinger, 1975).
- **370**. Toffler, A., *The Third Wave (New* York: William Morrow & Co., **1980)**.
- **371.** Tosteson, D. C., "Lithium and Mania," *Sci.* Am. **244**:164, 1981.
- **372.** Towery, O. B., and Perry, S., "The Scientific Basis for Coverage Decisions by Third-Party Payers, *J. A.M.A.* 245(1):59, 1981.
- **373.** Tribe, H., "Technology Assessment and the Fourth Discontinuity: The Limits of Instrumental Rationality," S. *Calif. Law Rev.* 46:617, 1973.
- **374.** Tversky, A., and Kahneman, D., "Judgment Under Uncertainty: Heuristics and Biases," *science* **185:620, 1974.**
- 375. Utterback, J. M., "Innovation in Industry and the Diffusion of Technology," *Science* 183:620, 1974.
- **376.** Utterback, J. M., and Abernathy, W. J., "A Dynamic Model of Process and Product Innovation," *Omega* 3(6):639, 1975.
- 377. Veatch, R. M., Bethesda, Md., "Consensus Development in Medical Technology: Problems for Planning a Consensus Conference on Coronary Artery Bypass Surgery," unpublished, 1980.
- 378. Veatch, R. M., and Branson, R. (eds.), *Ethics and Health Policy* (Cambridge, Mass.: Ballinger, 1976).
- **379.** Wagemaker, H., Jr., and Cade, R., "The Use of Hemodialysis in Chronic Schizophrenia," Am. J. *Psychiatry* 134:684, 1977.
- 380. Wagner, J. L., "Toward a Research Agenda on Medical Technology," in *Medical Technology*, publication No. (PHS) 19-3254 (Washington, D. C.: U.S. Government Printing Office, 1979).
- **381.** Wangensteen, O. H., et al., "Achieving 'Physiological Gastrectomy' by Gastric Freezing," *J. A.M.A.* 180:95, *1962*.
- **382.** Warner, K. E., "A 'Desperation-Reaction' Model of Medical Diffusion," *Health Serv. Res.* 10:369, 1975.
- **383.** Warner, K. E., and Luce, B. R., *Cost-Benefit and Cost-Effectiveness Analysis in Health Care: Principles, Practice, and Potential* (Ann Arbor, Mich.: Health Administration Press, University of Michigan, in press).
- **384.** Warren, K. S., (cd.), *Coping With Biomedical Literature (New York: Praeger*, **1981).**
- 385 Watkins, R., Group Health Cooperative, Seattle, Wash., personal communication, May 6, 1981.
- **386** Weinstein, M. C., and Fineberg, H. V., *Clinical Decision Analysis* (Philadelphia: W. B. Saunders, 1980).

- 387. Weiss, D. H., Evacuation Research: Methods for Assessing Program Effectiveness (Englewood Cliffs, N. J.: Prentice-Hall, 1972).
- **388.** Wennberg, J. E., "Commentary: Physician Uncertainty, Specialty, Idealogy, and a Second Opinion to Tonsillectomy," *Pediatrics* **59**:952, **1977**.
- 389 Wennberg, J. E., et al., "The Need for Assessing the Outcome of Common Medical Practices," *Ann. Rev. Public Health* 1:277, 1980.
- **390!** Wennberg, J. E., et al., "Some Uses of Claims Data for the Analysis of Surgical Practicesf" in *Proceedings of the 18th National Public Health Conference on Records and Statistics*, DHHS publication No. (PHS) **81-1214**, August **1980**.
- **391.** Whittaker, G. F., "The Evaluation of a Merged Hospital System: Application of the Interrupted Time-Series Design," *Evaluat. Rev.* 5:68, 1981.
- **392.** Willems, J., "The Relationship Between the Diffusion of Medical Technology and the Organization and Economics of Health Care Delivery, in *Medical Technology*, J. Wagner (cd.), DHEW publication No. (PHS) **79-3254**, **1979**.
- **393.** Williams, M. E., University of Illinois, Champaign-Urbana, 111., personal communication, March 1981.
- **394.** Williams, M. E., et al. (cd.), *Computer Readable Data Bases: A Compendium and Source Book* (Washington, D. C.: American Society for Information Science, 1979).
- **395.** Williams, M. E., "Database and Online Statistics for 1979," *ASIS Bulletin* 7(2):27, 1980.
- **396.** Williamson, J. W., Johns Hopkins University, "Reformation of Project Goals," unpublished paper, 1981.
- **397**, Wolf, C., Jr., *Ethics and Policy Analysis* (Santa Monica, Calif.: Rand Corp., February **1980**).
- **398.** Wolf, S., "High Time for Synthesis," *Forum on* Medicine 3:502, 1980.
- **399.** Worthen, D. B., "Prescribing Influences: An Overview," *Br. J. Med. Educ.* 7:109,1973.
- **400.** Wortman, P. M., "Consensus Development," in *Methods for Evaluating Health Services*, P. M. Wortman (cd.) (Beverly Hills, Calif.: Sage Publications, **1981**).
- **401.** Wortman, P. M., "Randomized Clinical Trials," in *Methods for Evaluating Health Services*, P. M. Wortman (cd.) (Beverly Hills, Calif.: Sage Publications, 1981).
- **402.** Wortman, P. M., et al., "The First Year of the Education Voucher Demonstration: A Secondary Analysis of Student Achievement Test Scores," *Eval. Q.* 2:193, *1978.*

- 403. Wylie, J. H., et al., "Effect of Cimetidine on Surgery for Duodenal Ulcer," *Lancet* 1:1307,1981.
 404. Young, D. A., "Communications Linking Clinical Research and Clinical Practice," in *Biomedical* ~novation, E. B. Roberts, et al. (eds.) (Cambridge, Mass.: MIT Press, 1981).
- 405. Zaltman, G., et al., Innovations and Organizations (New York: John Wiley & Sons, 1973).
- 406. Zimmerman, H., Rhode Island Health Services Research, Inc., Providence, R. I., personal communication, Apr. 17, 1981.
- 407. Zwick, D., Bethesda, Md., personal communication, December 1981.