

Eric Brenner, M.D. — Curriculum vitae

(Partially Updated : February 2004)

I. General

Born	Boston, MA	October 18, 1944
Married	To Karlann Puerschner,	June 8, 1969
Children	Joel, born January 3, 1972 B.A. Philosophy, Dartmouth 1995 LLM London School of Economics, 2003	Alexander, born June 20, 1975 B.A. History, Yale, 1998 M.A. International Relations, Johns Hopkins SAIS 2003
Address in the United States	724 Holly Street Columbia, SC 29205	Tel: (803) -799-6797 (home) Tel: (803) -898-0648 (work) Fax: (803) -898-0897 (work)
Address in Switzerland	Institut de Médecine Sociale et Préventive (IMSP) CMU 1211 Geneva 4 Switzerland	Tel: (022) - 379 -59-10 (work) Fax: (022) -379-5912
Email address	ebrenner@rocketmail.com	

II. Education

M.D. Dartmouth Medical School, 1973
B.A. French Literature, University of California at Berkeley, 1966
Exchange Student, University of Bordeaux, France, 1964-65
University High School, Los Angeles, 1961
Primary Schooling in Switzerland, 1950s

III. Post-graduate Medical Training

Infectious Disease Fellowship: 1978-1980
University of South Carolina School of Medicine
(Supported by CDC/USPHS career development programme)

Internal Medicine Residency: 1973-1975
Mt. Zion Hospital, San Francisco

IV. Board Certification

Infectious Disease Subspecialty Boards: 1980
American Board of Internal Medicine: 1979

V. Employment

- 1989 to present Consulting Medical Epidemiologist
EpiTipps
Columbia, South Carolina
Free-lance contracts and missions with WHO, UNICEF, ICRC, PAHO, USAID, IUATLD, and other agencies and organizations. Areas of focus include (i) communicable disease programmes (immunization, tuberculosis, HIV-AIDS etc.); (ii) development of customized PC information systems and software (especially menu-driven Epi Info and Epi Map applications) for these programmes; (iii) training / teaching related to: communicable disease surveillance and control, surveys and sampling, epidemiologic and biostatistical methods, and computer tools.
- 1991 to present Chargé de Cours (10-12 weeks per year)
Institut de Médecine Sociale et Préventive (IMSP)
University of Geneva School of Medicine
Geneva, Switzerland
Primary activity is teaching in the new Geneva MPH program with focus on basic methods in epidemiology, biostatistics, use of PCs in public health practice, and supervision of student projects. Also have teaching responsibilities with medical students and with classes in the "Certificat de Santé Communautaire" programme as well as other collaborative activities with colleagues of the IMSP on a variety of public health projects in and around Geneva.
- 1992 to present Medical Epidemiologist (part-time) with the Division of Disease Control and Epidemiology, South Carolina State Department of Health
Consulting, teaching, training, writing and other activities focus on communicable disease control: tuberculosis, vaccine preventable diseases, STDs, HIV-AIDS, rabies, viral hepatitis, bacterial meningitis, computer information systems, etc. Regularly teach classes and give seminars at nearby USC Schools of Medicine and Public Health. (See USC academic appointments in section IX).
- 1986 - 1989 Chargé de Recherche (full-time)
Department of Community Health and Tropical Medicine
University of Geneva School of Medicine, Switzerland
Taught introductory epidemiology and biostatistics to undergraduate medical students and to post-graduate students in community health programme. Frequently worked as WHO consultant (see details below).
- 1985-1986 Medical Officer
Expanded Programme on Immunization (EPI)
World Health Organization
Geneva, Switzerland

1982-1985	Assistant Chief Bureau of Disease Control South Carolina State Health Department (CDC/USPHS assignee)
1980-1982	Medical Officer Tuberculosis Control Division Centers for Disease Control (CDC) Atlanta, GA
1976-1978	Director outpatient medical services Tuberculosis Control Division South Carolina State Health Department (CDC/USPHS assignee)
1974	Peace Corps physician for volunteers in Senegal, Mauritania, Mali and the Gambia (2 months)
1973-1975	Resident, Internal Medicine Mt. Zion Hospital, San Francisco
1968-1969	Director of French and African language instruction in Several U.S. Peace Corps training programs: Dartmouth College; Quebec Province; South Carolina; U.S. Virgin Islands Training Center
1966-1968	Peace Corps Volunteer: Secondary school teacher, Ivory Coast
1961-1965	Miscellaneous student jobs in Germany (1965), Switzerland (1964), Berkeley (1961-63)

VI. Special Short-term Public Health Assignments in the United States

- **Member of state and big city tuberculosis control program reviews conducted with US Centers for Disease Control (CDC) and/or American Lung Association (ALA) review teams:**

New Jersey	2003	San Francisco	1981	Oklahoma	1980
New York	2002	Detroit	1981	Minnesota	1980
Florida (*)	1990	Virginia	1981	South Dakota	1980
Houston (*)	1989	North Dakota	1981	Missouri	1980
New York city	1982	Iowa	1981	Rhode Island	1978
New York state	1982	Los Angeles	1981	Wisconsin	1978
North Carolina	1982	Pennsylvania	1981		

(*) served as team leader

- **Outbreak investigations (selected):**

1. Measles in a private secondary school, Switzerland, 1989.
2. Tuberculosis among the Oneida Indians, Wisconsin, 1982.
3. Tuberculosis in migrant farm workers, South Carolina, 1981.
4. Multidrug-resistant tuberculosis, Mississippi, 1978.

- **Miscellaneous:**

Evaluation and strengthening of emergency tuberculosis control program among Cuban refugees, Ft. Chaffee, Arkansas, 1980.

VII. International Consultancies with WHO, UNICEF, USAID, ICRC, IUATLD and other organizations

Adis Ababa, Ethiopia 1998 and 1999	WHO short-term consultant working with the National TB and Leprosy Control Programs to set up an Epi Info based PC Information System. Maintenance work on system done in 2001.
Tbilisi, Georgia 1998	One week consultant for information system and epidemiological issues for the ICRC "TB in Prisons" project.
Paris, France 1997 and 1998	Facilitator in Paris at the International Union against Tuberculosis (IUATLD) courses for national TB programme managers being trained in epidemiological approach to TB programme data and use of computer tools for data manipulation, analysis and preparation of manuscripts for publication. (Teacher for the IUATLD, 1-week each course)
Geneva 1986-98 Thailand 1995 & 97 JHU 1995-2002	Responsible over 13 years for teaching the 2-day epidemiology component of the annual 3-week course held in Geneva concerning "Health Emergencies in Large Populations" (HELP) sponsored by the International Committee for the Red Cross (ICRC) in collaboration with WHO and the University of Geneva School of Medicine. Taught the same "epi days" in the version of this same course given at Johns Hopkins University School of Public Health in 1995 & 1997-99, as well as in the Asian versions given in Thailand in 1995 and 1997. At each course also give Epi Info workshops.
Morocco 1996	Consulted with the EPI programme of the MOH. Participated as consultant in planning sessions regarding evolving utility of <i>national immunization days</i> in the Moroccan immunization programme. (UNICEF consultant, ≈ 7 days)
WHO Geneva 1995	Prepared article for the WHO WER (issue of 15 Sep 1995) concerning use of Lot Quality Assessment (LQA) for conducting vaccine coverage surveys in Burkina Faso. Also served as technical/biostat consultant for preparation of EPI training module concerning LQA. (WHO/EPI contract)
France 1993	Lecturer / facilitator in the 10th. annual French (EIS style) epidemiology course at Veyrier-du-Lac / Annecy. (Teacher for the IDEA, 2 weeks)
Egypt 1990-93	Several times consultant to the USAID funded <i>Child Survival Project</i> : taught in training courses for Egyptian physicians; worked on plans for decentralizing PC information systems for the Ministry of Health. (Several USAID consultancies totaling 2 months)

Togo 1991	Facilitator in one week AIDS surveillance workshop for AIDS epidemiologists from Francophone African countries. (WHO consultant, 1 week)
USSR 1990	Worked with the USSR Central Institute for Epidemiology in Moscow on management of data for WHO/EPI sponsored comparative measles vaccine trial. (WHO consultant, 3 weeks)
Geneva 1989	Prepared for the WHO GPA programme a 110 page User's Guide/Tutorial for EPI INFO, an epidemiological software package developed by CDC and WHO. (WHO contract done over several months).
Morocco 1989	Assisted MOH with planning for national vaccine coverage surveys, and strengthened information systems. (UNICEF consultant, 1 week)
Turkey 1989	Helped MOH with preparations for provincial vaccine coverage surveys. (WHO consultant, 1 week)
Morocco 1988	Assisted MOH with preparations for provincial EPI and CDD surveys. (UNICEF consultant, 1 week)
CDC (USA) 1988	Prepared a multi-part "teaching problem" concerning EPI cluster surveys for assessing vaccine coverage in developing countries intended for use in the international track of the CDC EIS course. (CDC/IHPO contract, 1 week)
Benin 1988	Facilitator in Francophone intercountry planning workshop on neonatal tetanus. (WHO consultant, 1 week)
Zambia 1987	Analyzed data from national EPI and CDD surveys. (WHO consultant, 2 weeks)
Zambia 1986	Assisted MOH with preparation for national EPI and CDD surveys. (WHO consultant, 2 weeks)
Nepal 1986	Organized and conducted for MOH EPI, CDD, ARI sentinel surveillance planning workshop. (WHO consultant, 2 weeks)
Egypt 1986	Assisted EPI's Eastern Mediterranean Region (EMRO) office in Alexandria in upgrading their computer capability. (WHO consultant, 1 week)
Cyprus 1986	Facilitator in EMRO intercountry cold chain and logistics workshop (WHO consultant, 1 week)

Sri Lanka 1986	WHO headquarters team member and rapporteur for national EPI and CDD program review. (WHO consultant, 1 month)
India 1985	EPI target disease monitoring in Bombay. (WHO consultant, 2 weeks)
Bangladesh 1985	EPI target disease monitoring in Dhaka (WHO consultant, 2 weeks)
Thailand 1985	Facilitator in EPI training course for WHO South East Asia (SEARO) senior level country managers (WHO consultant, 2 weeks)

VIII Contracts to Develop PC Information Systems or other Software Related to Communicable Disease Control or other public health programmes, including especially WHO's EPI, GTB and GPA programmes.

Geneva (~2001-2003)	Prepared WHO a Windows version of the SDRTB (Surveillance of Drug Resistance in Tuberculosis) software system (Updating previous DOS versions I had also prepared during the 1990s). (Contact, Dr. Mohammed Aziz)
Tunisia 1998 (two missions)	Worked for the MOH on Version 2.0 of the "DSSB-INFO" software. (DSSB-INFO is an Epi Info & Epi Map based software system designed as a nationwide integrated child-health-programme information system to manage data collected from health centers on EPI, CDD, ARI, and infant growth monitoring programme activities.) Worked previously on successive versions of this software under several UNICEF-Tunis contracts during 1996-1997. On this trip also conducted three training workshops in use of the software for MOH staff from Tunis and from the 23 <i>governorates</i> . (UNICEF consultant, 10 days). (Contact Dr. Jean-Pierre Papart, IMSP, Geneva or Dr. Kamel Ben-Abdallah, UNICEF, Tunis)
Tunisia 1997	For the MOH, worked on design, computer programming and training relating to the DSSB-INFO software system (see details above). (UNICEF consultant, 10 days) (Contact Dr. Jean-Pierre Papart, IMSP, Geneva or Dr. Kamel Ben-Abdallah, UNICEF, Tunis)

WHO / Geneva 1997	Prepared for WHO's Global Programme on Tuberculosis (GTB) version 1.0 of TB-DATA, a menu-driven software system, along with a user's manual. The software will be tested in various countries in 1998 to assess its utility as a means of collecting national TB programme data in a standardized WHO format with diskettes then submitted to WHO Geneva for consolidation of national data into WHO's global TB information system. (Contact, Dr. Mario Raviglione)
WHO / Geneva 1996	Prepared for WHO's Global Programme on Tuberculosis (GTB) version 2.0 of the menu-driven Epi Info based SDRTB (Surveillance of Drug Resistance in Tuberculosis) software system and user's guide. These are now used by WHO collaborating laboratories around the world as part of the WHO effort to monitor global patterns of drug-resistant tuberculosis. (Contact, Dr. Mario Raviglione). [Ver 3.0 later prepared ca. 1999 for Dr. Marcos Espinal]
WHO/ PAHO Washington. D.C. 1996	Contract to prepare for the Pan American Health Organization's tuberculosis unit demonstration (first draft) of software system which could be used by national TB programmes to computerize regional and central TB data and produce standard reports recommended by WHO's GTB as well as the IUATLD. (Contact Ms. Diana Weil.)
WHO Geneva 1994	Prepared version 1.0 of SDRTB. (See details in description of the WHO Geneva 1997 consultancy listed above.) (Contact, Dr. Mario Raviglione)
PAHO, Washington, D.C. 1990-1992	Developed and provided ongoing revisions and support for the computer information system used by the Pan American Health Organization (PAHO) to manage AIDS case reports from all the countries in the western hemisphere (6 x 1 week trips to Washington D.C.)(Contact Dr. Ann-Marie Kimball currently at U. of Washington in Seattle).
WHO Geneva 1987	Prepared the microcomputer information system used at that time by WHO/GPA to manage global AIDS case reports (WHO/GPA contract). (Contact Mr. Tony Burton; currently at WHO/EPI)
WHO Geneva 1986-88	Conceived and developed first two versions of the EPI Coverage Survey Analysis System (COSAS) microcomputer software. (WHO/EPI contract carried out over several months) (Contact Mr. James Cheyne with EPI)
WHO Geneva 1987	Developed initial version of EPI cold-chain evaluation software (EPIC). (WHO/EPI contract carried out over several months). (Contact Mr. James Cheyne with EPI)

IX. Other Current Academic Appointments

School of Public Health
University of South Carolina
Columbia, SC

Adjunct Professor
Department of Epidemiology and Biostatistics
School of Public Health

- *Principal faculty for the MPH program courses on "Infectious Disease Epidemiology" (EPID 742, EPID 749, EPID 755) 1983, 1984, 1985, 2001, 2002, 2003) and frequent guest lecturer in courses dealing with epidemiologic surveillance, control of communicable diseases, etc*
- *Supervise various student projects conducted at the State Department of Health*

School of Medicine
University of South Carolina
Columbia, SC

Separate appointments as *Clinical Professor* in the departments of:

- Microbiology and Immunology
- Internal Medicine
- Family and Preventive Medicine

X. Language Proficiency

French: Fluent

German: Social conversational and written facility

Bambara: Some social facility in this West African language gained in the Peace Corps (1966-68)

XI. Computer Skills

Experienced PC consultant / programmer / instructor with Epi Info, Epi Map, Dbase, Foxpro, Lotus-123, EXCEL, word-processing, BASIC, DOS, Windows, FileMaker Pro and numerous other commercial and public domain programmes and utilities. Special interest in developing custom-made menu-driven information systems for public health programs (see partial list of applications developed in section VIII above.) Experienced in presenting PC workshops for health professionals, (including dozens of Epi Info workshops in several countries for users at all levels) and creating PC-based Epi Info, Epi Map and Dbase/Foxpro information systems. Currently helping coordinate SC DHEC activities related to state's implementation of CDC's NEDSS (National Electronic Disease Surveillance System) which will replace the DOS / EpiInfo based NETSS (National Electronic Telecommunications Surveillance System) which most state health departments have used for the last decade).

XII. Publications

Articles in Refereed Journals:

1. Mobley JA; McKeown RE; Jackson KL; Sy F; Parham JS, Brenner ER. Risk factors for congenital syphilis in infants of women with syphilis in South Carolina. *Am J Public Health* 1998 Apr;88(4):597-602
2. Masserey E; Bouvier P; Brenner E et al. et al. La couverture vaccinale et ses determinants chez les enfants d'age prescolaire dans le canton de Vaud en 1996. *Rev Med Suisse Romande* 1998 Apr;118(4):309-15
3. Chastonay P, Brenner E, Peel S, Guilbert JJ. The need for more efficacy and relevance in medical education. *Medical Education* 1996, 30,235-238.
4. Kim CS; Wright HH; Brenner ER; Parker E. Measles control in institutional settings. *J S C Med Assoc* 1995 Nov;91(11):456-9
5. Bolotovskiy VM, Grabowsky M, Clements CJ, Albrecht P, Brenner ER et al. Immunization of 6 and 9 Month Old Infants with AIK-C, Edmonston-Zagreb, Leningrad-16 and Schwarz Strains of Measles Vaccine. *Internat Jour Epidemiol* 1994;23:1069.
6. Bryan CS, Brenner ER. Utility of the Hospital Tuberculosis Registry. *Infect Control Hosp Epidemiol* 1994;15:536-539.
7. Cox JN, Brenner ER, Bryan CS. Changing patterns of mycobacterial disease at a teaching community hospital. *Infect Control Hosp Epidemiol* 1994;15:529-533.
8. Chastonay P; Durieux S; Brenner E; Guilbert JJ; Rougemont A. Un programme innovateur de formation en sante publique a l'universite de Geneve. Programme en cours d'emploi centre sur l'etudiant et oriente vers les besoins de sante de la population. *Sante* 1994 Nov-Dec;4(6):425-31
9. Chastonay P, Roger-Petitjean M, Guilbert, JJ, Brenner E et al. Certificat de sante communautaire: l'experience genevoise (1983-1991). *Médecine et Hygiène*. 50:943, 1992.
10. Rougemont A, Breslow N, Brenner E et al. Epidemiological basis for clinical diagnosis of childhood malaria in endemic zone in West Africa. *Lancet*, 338:1292, 1991.
11. Rougemont A, Dumbo O... Brenner ER et al. Hypohaptoglobinaemia as an Epidemiological and Clinical Indicator for Malaria: Results of two Studies in a Hyperendemic Region in West Africa. *Lancet* 2:709, 1988.
12. Little R, Brenner E, Macera C et al. Cost-Effective Pre-vaccine screening of Hepatitis B Infection in Hospital Workers: A Seroepidemiologic Study. *J SC Med Assoc*, August 1988, P. 409.
13. Schmid GP, Johnson RE, Brenner ER. Symptomatic Response to Therapy of Men with Gonococcal Urethritis: do all Men Need Posttreatment Cultures? *Sexually Transmit Dis*, 14(1):37, 1987.
14. Bryan CS, Hornung CA, Reynolds KL, Brenner ER. Endemic Bacteremia in Columbia, South Carolina. *Amer J Epidem*, 123:113, 1986.
15. Sachs JS, Brenner ER, Breeden DC et al. Epidemiology of a Tuberculosis Outbreak in a South Carolina Junior High School. *Amer J Pub Health* 75:361, 1985.
16. Bryan CS, Kirkhart B, Brenner ER. Staphylococcal Bacteremia: Current Patterns in Non-university Hospitals. *South Med J*, 77:693, 1984.
17. Herman WH, Kirkhart B, Brenner ER et al. An Epidemiologic Model for Diabetes Mellitus: Incidence, Prevalence, and Mortality. *Diabetes Care*, 7:367, 1984.

18. Bryan CS, Reynolds KL, Brenner ER. Analysis of 1,186 Episodes of Gram-Negative Bacteremia in Non-university Hospitals: The Effects of Antimicrobial Therapy. *Rev Infect Dis*, 5:629, 1983.
19. Bryan CS, Brenner ER. Drug Resistant Bacteria: Implications for Community Hospitals and Practicing Physicians. *J SC Med Assoc*, 76:82, 1980.
20. Brenner ER. Tuberculosis Control in South Carolina. *J SC Med Assoc*, 73:252, 1977.

• **Reports for the World Health Organization's Weekly Epidemiologic Record (WER):**

1. Lot Quality Assurance Survey to Assess Immunization Coverage -- Burkina Faso. WER No. 37, 1995.
2. Evaluation of Hypertension Screening in a Swiss Community Using the Cluster Survey Methodology of the EPI -- WER No. 43, 1990.
3. Joint EPI and CDD Surveys -- Zambia. WER No. 10, 1988.
4. Local Area Monitoring (EPI) -- Dhaka: WER No. 45, 1987.
5. Local Area Monitoring (EPI) -- Bombay: WER No. 5, 1987.
6. Programme Review (EPI/CDD) -- Sri Lanka: WER No. 43, 1986.
7. Measles Surveillance Methodology -- Malawi: WER No. 26, 1986.
8. Disease Incidence and Immunization Coverage -- Saudi Arabia: WER No. 7, 1986.

• **Reports for the CDC's Morbidity and Mortality Weekly Report (MMWR):**

Inadvertent BCG Administration -- Tennessee, Michigan. MMWR, No. 20: 1982.

• **Reports (selected) for the South Carolina State Department of Health's Epidemiologic Bulletin, *Epi Notes*:**

1. Questions and Answers about West Nile Virus: A Potential New Pathogen in South Carolina. *Epi Notes* No. 1, March-April 2000.
2. Lyme Disease: Recommendations for use of the Recently Licensed Vaccine; Tips and Pitfalls of Serological Testing; and Notes on the Possibility of a New Cause of *Erythema Migrans* in the Southern United States. *Epi Notes*. July-August 1999.
3. Meningococcal Infections in South Carolina. *Epi Notes* August-September 1995.
4. Looking Towards Electronic Laboratory Reporting: Notes on Email, the World Wide Web, the Internet, and the Future of Electronic Disease Surveillance Systems. *Epi Notes* No. 4, 1997
5. Tuberculosis in South Carolina: Drug Resistance, MDRTB, and Notes Concerning *Directly Observed Therapy* as the Emerging Standard of Care. *Epi Notes* No. 2, 1997
6. Tuberculin Skin Testing of Children: New Guidelines for Health Departments in South Carolina. *Epi Notes* No. 2, 1996
7. Keeping South Carolina Measles-Free. *Epi Notes* No. 1, 1996
8. To PPD or Not to PPD – That is the Question. *Epi Notes* No. 1, 1996
9. Meningococcal Infections in South Carolina. *Epi Notes* No. 3, 1995

10. Reflections on Disease Surveillance. *Epi Notes* No. 1 1995
11. The Tuberculin Skin Test: Current Reflections on an Old Friend. *Epi Notes* No. 1, 1985.
12. Update on AIDS and Serological Testing for the HTLV-III Virus. *Epi Notes* No 4, 1984.
13. Update on Prevention of Neonatal Conjunctivitis: Importance of Recent Information Concerning Chlamydial Infections. *Epi Notes* No. 8, 1984.
14. Congenital Syphilis: A Preventable Disease. *Epi Notes* No. 12, 1983.
15. AIDS, A Reportable Disease: Summary of the Situation in the United States and in South Carolina. *Epi Notes* No. 6, 1983.
16. Acquired Immune Deficiency Syndrome. *Epi Notes* No. 4, 1983.
17. Tuberculin Skin Test Reactions: Alert to Possible False Positives. *Epi Notes* No. 9, 1982.
18. Tuberculosis in Southeast Asian Refugees. *Epi Notes* No. 3, 1980.

Invited Articles

1. Brenner E. Dynamique de l'infection tuberculeuse dans la population et influence de l'infection par le VIH. *Cahiers Médico-sociaux* (Switzerland) 1993, 37:247-261.
2. Brenner ER. Le Programme Elargi de Vaccination de l'Organisation Mondiale de la Santé: un Cadre pour le Programme d'Immunisation en Suisse. *Rev Méd Suisse Romande* (Switzerland) 107(10):863, 1987.
3. Brenner ER. Update on the AIDS Epidemic and Serological Testing for the HTLV-III Virus. *SC Preventive Medicine Quarterly*, 9(1):1, 1985.
4. Brenner ER. Update on the Acquired Immune Deficiency syndrome. *SC Preventive Medicine Quarterly*, 7(3):1, 1983.
5. Brenner ER, Farer LS. Short-course Chemotherapy for Tuberculosis. *Internal Medicine for the Practitioner*, January 1982.

Book Chapters

1. Mycobacterial Diseases and Antimycobacterial Drugs (chapter 22) by Eric Brenner and Charles S. Bryan). Useful Websites for Information about Infectious Diseases (Appendix 5). Eric Brenner and David Greenhouse. Both In **Infectious Diseases in Primary Care**. W.B. Saunders Co.2002.
2. Tuberculosis Case Holding. With Poszik Carol, in **Tuberculosis: Prevention and Treatment: A Comprehensive International Perspective**. Ed by Reichman. Marcel Dekker, Inc, New York., 1993.
3. Taille des échantillons dans des populations infinies et finies. Echantillonnage en grappes. P. 511-521 in **La Santé en Pays Tropicaux**. Ed by Rougemont A and Brunet-Jailly J. Doin publications, Paris, 1989.

XIII. Presentations at Meetings (Selected)

Mathematical modeling of tuberculosis: the case for a mini-model. Robert W. Johnson Foundation meeting on modeling of TB, San Francisco, February, 1995

Tuberculosis and Health Care Workers: A Global Perspective. American Lung Association Meeting, Boston, 1990.

Evolutionary Aspects of Chemotherapy for Tuberculosis. American Lung Association Meeting, Anaheim, 1985. (Also convenor/ moderator of one-half day symposium on tuberculosis.)

Use of Incentives to Facilitate Chemotherapy for Difficult Tuberculosis Patients. CDC National Tuberculosis Conference, Atlanta, 1984.

Short-course Chemotherapy of Tuberculosis: Experimental and Theoretical Basis. Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Chicago, 1981. (Also convenor / moderator of one-half day symposium regarding "Current Issues in Tuberculosis.")

Impact of Appropriate Antibiotic Therapy on Survival in Bacteremia: A reassessment. Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), New Orleans, 1980. (Poster session.)

Nosocomial Bacteremia in Perspective: A Community-wide Study: Second International Conference on Nosocomial Infections, Atlanta, 1980. (Poster session.)

Productivity of Tuberculosis Case Contact Investigations. CDC National Tuberculosis Conference, Atlanta, 1977.

[Also numerous (estimated 200+) lectures, presentations, classes, seminars, workshops given since 1976 at numerous medical meetings; hospital grand rounds and conferences; training courses in many states; for various federal and state agencies in the USA; and for a variety of student and professional groups in different countries.

XIV. Professional Organizations

International Union Against Tuberculosis and Lung Disease (IUATLD)
National Tuberculosis Controllers Association (NTCA)

XV. Hobbies and Interests

Classical piano, computer software and programming, distance running, hiking.