

# CURRICULUM VITAE

## ARTHUR L. FRANK, MD, PHD

### PERSONAL INFORMATION

Place of Birth: United States of America  
Citizenship: United States of America  
Marital Status: Married with three children.  
Office Address: Drexel University  
Dornsife School of Public Health  
Nesbitt Hall, 7<sup>th</sup> Floor  
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### EDUCATION

College: State University of New York at Buffalo  
Buffalo, NY 14214  
1964 – 1968, BA, May 31, 1968  
Major: Anthropology

Medical School: Mount Sinai School of Medicine of the City of NY  
New York, NY 10029  
1968 – 1972, MD, June 4, 1972

Graduate School: The City University of New York  
Biomedical Sciences Doctoral Program  
Mount Sinai Medical Center  
New York, NY 10029  
1971 – 1977, PhD, June 2, 1977  
Thesis Title: *Quantitation of Asbestos-Induced Hyperplasia in Hamster Trachea Epithelium Maintained in Organ Culture*

Internship and Residency: Straight Medical Internship, Internal Medicine Residency  
Mount Sinai Hospital, New York, NY  
1972 – 1973, 1975 – 1977  
Occupational Medicine Residency,  
Mount Sinai Hospital, New York, NY  
1975 – 1977

## **MILITARY SERVICE**

Commissioned Officer (Active), United States Public Health Service

Rank: SA Surgeon (03) 1973 – 1975

Lung Cancer Branch, DCCP, National Cancer Institute, National Institutes of Health, Bethesda, MD

Member, Inactive Reserve, 1975 – 2010. Permanent Rank: Surgeon (04)

Active Duty (variable), 1992 – 1994. Temporary Rank: Medical Director (06)

## **HONORS AND AWARDS**

College: BA, Cum Laude, with High Honors in Anthropology, 1968

College: Bisonhead (Senior Men's Honorary), 1967-68

College: Gold Key Award for Service, 1968

Medical School: National March of Dimes Award, 1971

Residency: Chairman's Award – Department of Medicine, Mount Sinai Hospital, 1977

Graduate School: Sigma XI, 1977

Horowitz Memorial Award of the Mount Sinai School of Medicine, 1983

Educator of the Year Award, Association of Teachers of Preventive Medicine (First Annual Award), 1987

University of Kentucky Faculty Grant Award, 1988-91 (Awarded to top 20% of university-wide faculty)

Honorable Order of Kentucky Colonels (3)

Senior Associateship, National Academy of Science, 1990-91 (NIOSH)

Honorary Ambassador of Labor, Labor Secretary, Commonwealth of Kentucky, 1992

BRASH 1994 Chaos and Strange Attractor Award

Topperman Professorship – The University of Texas Health Center at Tyler, 1994-2002

Arthur L. Frank, MD, Keynote Lectureship, UTHCT, 2002

Marcus Key Lecture, TOMA, 2003

American College of Preventive Medicine Distinguished Service Award, February 2004

Sappington Lectureship, American College of Occupational and Environmental Medicine, May 2005

Canadian Board of Occupational Medicine Lectureship, June 2006

Hygeia Society, Drexel University School of Public Health, 2009

Presidential Volunteer Service Gold Award, 2010

Honorary "Duke of Hazard", 2011

Irving J. Selikoff Lifetime Achievement Award, ADAO, March 2012

Outstanding Academic Partner Award, District 1199C, May 2013

Arthur L. Frank Scholarship, established 2016.

Ramazzini Award, Collegium Ramazzini, October 2016 – Ramazzini lecturer

Special Recognition Award, European Asbestos Forum, November 2019.

Arthur L. and Joanne B. Frank Professorship, Established 2019.

Distinguished Fellow, India International Centre, New Delhi, 2022.

ADAO Tribute of Inspiration Award, September 2022.

Faculty Practice Award (Mentoring) 2023.

Arthur L. Frank Lifetime Achievement Award – Created at Maulana Azad Medical College, New Delhi, India, 2023.

John P. Wyatt, MD Environment and Health Awardee, University of Kentucky, April 2024.

## **CERTIFICATION AND LICENSURE**

National Board of Medical Examiners, 1973 [Certification No. 123394, July 2, 1973]

Kentucky State License, MD, #22985 [September 29, 1983]

New York State License, MD, #116288 [July 2, 1973]

Maryland State License, MD, Certificate D16595 [May 17, 1974]

Diplomate, American Board of Internal Medicine [#58896, September 13, 1978]

Diplomate, American Board of Preventive Medicine (Occupational Medicine) [#21574, November 26, 1979]

Texas State License [Distinguished Professor's License issued December 28, 1994]

*(Converted on March 2, 1996, to unrestricted Texas License J9855)*

Pennsylvania State License, MD, #418954 [March 20, 2002]

## **ACADEMIC APPOINTMENTS**

**Professor of Public Health**, Department of Environmental and Occupational Health, Drexel University, Dornsife School of Public Health, 2002 to present (tenured)

**Professor of Medicine**, Drexel University School of Medicine (secondary), 2002 to present

**Professor of Civil, Architectural and Environmental Engineering**, Drexel University College of Engineering (secondary), 2011 to present.

**Member**, Obama-Singh Grant Team (Drexel and IIT-Delhi), 2012-2015

**Sam Topperman Professor of Medical Education, Professor of Occupational and Environmental Medicine, Professor of Cell Biology and Environmental Science**, University of Texas Health Center at Tyler, 1994-2002

**Adjunct Professor**, Department of Preventive Medicine and Community Health, The University of Texas Medical Branch at Galveston, 1995-present

**Clinical Professor**, Department of Medicine, The University of North Texas Health Science Center at Fort Worth, 1997-2002

**Clinical Professor**, Department of Occupational Medicine, University of Texas Health Science Center at Tyler, March 2004-present

**Adjunct Graduate Faculty**, Stephen F. Austin State University, Nacogdoches, Texas, 1997-2002

**Visiting Faculty**, US Air Force School of Aerospace Medicine, Brooks AFB, Texas; Wright Patterson AFB, Ohio, 2001-present

**Adjunct Professor**, Mongolian National University of Medical Sciences, School of Public Health, Ulaanbaatar, Mongolia, 2015-present

**Professor**, Department of Preventive Medicine and Environmental Health, University of Kentucky, 1983-1994

**Member**, Graduate Center for Toxicology, University of Kentucky, 1988-1994

**Associate Member**, Appalachian Center, University of Kentucky, 1989-1992

**Instructor, Assistant Professor, Associate Professor**, Department of Community Medicine (Environmental Medicine), Mount Sinai School of Medicine, 1977-78, 1978-82, 1982-83

**Instructor**, Department of Medicine, Mount Sinai School of Medicine, 1978-1983

**Member, Graduate Faculty**, City University of New York, Biomedical Sciences Program, 1980-1983

**Adjunct Professor**, Peking University School of Public Health, Beijing, PRC, 6/19-5/22

**Affiliate Faculty**, FIRST Center, 2020-

**Adjunct Faculty**, ESIC Medical College & Hospital, Hyderabad, India, March 2021-February 2022.

**Visiting Professorship**: Centre for Occupational and Environmental Health, Maulana Azad Medical College, New Delhi, India, November 2021 –

**Clinical Professor of Public Health**, September 2024 –

**Professor and Chair Emeritus**, Drexel University School of Public Health, September 1, 2024.

## **ADMINISTRATIVE APPOINTMENTS**

**Chair Emeritus**, Department of Environmental and Occupational Health, Drexel University, Dornsife School of Public Health, 2014 –

**Chairman**, Department of Environmental and Occupational Health, Drexel University, Dornsife School of Public Health, 2002-2014

**Vice President for Medical Education**, (title change as of 2/99), Associate Director for Medical Education (1994-1999), University of Texas Health Center at Tyler, 1999-2002

**Ethics Officer**, University of Texas Health Center at Tyler, 1998-2002

**Center Director**, Southwest Center for Agricultural Health, Injury Prevention and Education, 1995-2001, Renewed, 2001

**Medical Director**, Lake County Area Health Education Center, University of Texas Medical Branch at Galveston, 1995-2002

**Chairman**, Department of Preventive Medicine and Environmental Health, University of Kentucky College of Medicine, 1983-1994

**Director**, Occupational Medicine Residency Program, 1984-1994; General Preventive Medicine Residency Program, 1984-1989; Department of Preventive Medicine and Environmental Health University of Kentucky College of Medicine

**Principal**, Behavioral Research Aspects of Safety and Health Working Group (BRASH), 1984-1994

**Director of Graduate Studies**, Master of Science in Public Health Degree Program, 1987-1994, University of Kentucky Graduate School

**Deputy Director**, Southeast Center for Agricultural Health and Injury Prevention, 1992-1994

**Scientific Administrator**, Environmental Sciences Laboratory, The Mount Sinai School of Medicine, 1981-1983

**Director**, Residency Programs in Community Medicine, Mount Sinai School of Medicine, 1977-1981

### **CLINICAL APPOINTMENTS**

**Clinical Appointment**, Drexel University College of Medicine, 2002-present

**Attending Staff and Chief of Service**, University Hospital, University of Kentucky Medical Center, 1983-1994

**Consultant Appointment**, Veterans' Administration Hospital, Lexington, Kentucky

**Courtesy Staff Appointments**, Middlesboro ARH 1985-1994; Hazard ARH 1985-1994

**Assistant Attending**, Mount Sinai Hospital, New York, NY, 1982-83; Senior Clinical Assistant, 1978-1982; Clinical Assistant, 1977-1978

### **FELLOWSHIPS AND MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

American Association for the Advancement of Science, 1972, Elected to Fellowship, 1996

American College of Physicians, Fellow

American College of Preventive Medicine, Fellow, Occupational Medicine Regent, 1997-1999

Chair, CME Committee, 1997-2015, Board of Directors, American Journal of Preventive Medicine, 1999-2003, Secretary - Treasurer, 2000 – 2004, Member, Finance Committee, 2000-2015, Environmental Health Committee

American Public Health Association

American Thoracic Society

Association of Teachers of Preventive Medicine; Secretary, 1981-84; Board of Directors, 1987-90, Education Committee, 1992-1994

Association of Teachers of Preventive Medicine Foundation, Inc.; Board of Directors, 1981-84

New York Academy of Sciences, Life Member

Society for Occupational and Environmental Health, Founding Member; Governing Council, 1992-1994, Vice-President 1998-2000

American College of Occupational and Environmental Medicine

Collegium Ramazzini, Executive Board 2002-2006

International Society for Preventive Oncology

Kentucky Occupational Safety and Health Network, Founding Member; Board of Directors, 1986-94; Executive Board, 1991-94; Secretary, 1992-93; President-Elect, 1993-94

National Occupational Safety and Health Education Association, Founding Member, 1989; Chair, 1990-91

Farm Safety 4 Just Kids

British Occupational Hygiene Society

Sigma Xi, Life Member  
Texas Council on Agricultural Safety and Health, President 1999-2001.  
College of Physicians of Philadelphia 2002, elected to Fellowship, 2005.  
American Thoracic Society, elected to Fellowship, 2018.

## **TEACHING ACTIVITIES**

Course Coordinator, Occupational and Environmental Medicine, Georgetown University School of Medicine, 1975  
Division of Industrial Safety, District of Columbia Industrial Safety Board, Washington, DC 1974, 1976  
Page and William Black Post-Graduate School of Medicine, Mount Sinai Medical Center, 1977-82  
Continuing Education, Mount Sinai Hospital Department of Nursing, 1976-78  
Hahnemann Medical School, 1978-82  
Hahnemann Hospital, 1980  
University of Pennsylvania School of Medicine, 1979  
University of Medicine & Dentistry of New Jersey, 1979-1981  
Senior Medical Consultants, 1979-83  
Practicing Law Institute, 1980-85  
State University of New York at Buffalo, 1980-81  
State University of New York at Stony Brook, 1981-82  
IBM/University of Kentucky EXCEL Program, 1985-89  
University of Kentucky Annual Family Medicine Review (Continuing Medical Education), 1985-86, 1993.  
University of Kentucky Annual Physician Assistant Review, 1987  
University of Kentucky College of Engineering, Continuing Education 1984-89, 1994  
University of Louisville College of Medicine, 1986-87, 1991  
Bay State Medical Center, Springfield, Massachusetts, 1988  
Preceptor, William Osler Program, UK Medical Center, 1988-1994  
American College of Preventive Medicine, Board Review Course, 1989, 1990  
EPOCH Awardee, NIOSH, 1989-91  
St. Elizabeth's Hospital, Edgewood, KY, 1991, 1992, 1993, 1994  
University of Texas Health Center at Tyler, Tyler, TX, 1993  
Beijing Medical University, Beijing, People's Republic of China, 1993, 1995  
Methodist Hospital, Indianapolis, IN, 1993  
American Occupational Health Conference, Chicago, IL, 1994  
Forum Program, Donovan Scholars Program, University of Kentucky, 1994  
Kentucky Thoracic Society, 1994 (L. E. Smith Lectureship)  
Southern Agromedicine Consortium, Keynote Luncheon Address, 1994  
Kentucky School Board Insurance Trust, 1994  
Qingdao Sanitation and Anti-Epidemic Station, 1995  
School of Public Health, University of Texas, Houston, 1995  
School of Public Health, University of Texas, San Antonio, 1997  
Qingdao University School of Medicine, Qingdao, PRC, 1997  
Ain Shams University Institute of Postgraduate Studies, Cairo, Egypt, 1998  
UTMB, Course on Occupational Medicine, Galveston, Texas 1999, 2000, 2001  
Qingdao Centers for Disease Control and Prevention, Qingdao, PRC, 2000  
UTMB, Department of Family Practice, Galveston, Texas, 2000, 2001, 2002  
University of Texas Southwestern Public Health Program, Dallas, Texas 2000  
UNTHSC, Fort Worth, Texas, 7/2001  
Air Force School of Aerospace Medicine, Brooks AFB, Texas 2/02, 2/03, 6/06  
GI Conference, Drexel 2/03  
Pulmonary Conference, Drexel 2/03, 5/03, 5/15

## **CONSULTANCIES AND RELATED ACTIVITIES**

**Consultant**, George Washington University School of Medicine, Science Communication Division, 1976-78

**Consultant**, Environmental Protection Agency; Ad Hoc Committee for the in-vitro study of fibrous amphiboles, 1977

**Consultant**, DHEW Committee to Coordinate Toxicology, Subcommittee on Asbestos, 1978

**Consultant**, State University of New York at Stony Brook, School of Medicine, Department of Community Medicine, 1980

**Consultant**, National Academy of Sciences Committee on Indoor Air Pollution, 1981

**Invited Participant**, Conference on Vision Effects of VDT Use, National Academy of Sciences, 1983

**Ad Hoc Grant Reviewer**, Health Resources Administration, Division of Medicine, Study Section on Environmental Medicine Curriculum Development Grants, 1979; Preventive Medicine Residencies, 1980, 1983, 1988, 1991

**Site Visitor**, National Institute for Occupational Safety and Health, 1983-91

**Editorial Board**, *American Journal of Industrial Medicine, Environmental Research, Journal of Community Health, Toxicology and Industrial Health, Cancer Detection and Prevention, International Journal of Occupational Medicine and Toxicology, International Journal of Hygiene and Environmental Health, etc.*

**Article Reviewer**, *Journal of the National Cancer Institute, Journal of the American Medical Association, Journal of Environmental Pathology and Toxicology, Science, American Journal of Public Health, The American Statistician, Journal of Occupational and Environmental Medicine, Archives of Environmental Health, Southern Medical Journal, Law and Social Inquiry, Occupational and Environmental Medicine, American Journal of Preventive Medicine, Archives of Internal Medicine, etc.*

**Associate Editor**, Environmental Health Section, *Maxcy-Rosenau-Last Public Health and Preventive Medicine*, 12th Edition, 13th Edition

**Advisor**, New York City Health Systems Agency Task Force on Environmental Health, 1979

**Member**, Environmental Health Committee, New York City Health Systems Agency, 1979-80

**Member**, New York Lung Association Committee on Occupational Hazards to the Lung, 1977-78

**Consultant**, University of Arizona College of Medicine, Department of Family and Community Medicine, Project on Incorporation of Preventive Medicine into Family Practice, 1985-86

**Consultant**, Occupational Cancer Project, Workers Occupational Health Clinic, Cincinnati, Ohio, 1985-87

**Member**, NIOSH Study Section for Occupational Safety and Health, 1985-89; Chairman, 1988-89

**Consultant**, Labor Cabinet, Commonwealth of Kentucky, 1987-1994

**Member**, National Board of Medical Examiners, FLEX Examination Committee, 1985-91; NBME Pulmonary Medicine Subcommittee, 1989-91; USMLE Content Reviewer, 1994

**Consultant**, Toyota Motor Manufacturing, USA, Inc., 1986-1994; Acting Medical Director, 1988

**Member**, Steering Committee, National Conference on Residencies in Occupational Medicine, 1988

**Chair**, Association of Occupational Medicine Residency Directors, 1988-1989

**Grant Reviewer**, Arizona Disease Control Research Commission, 1988-2018

**Consultant**, Ashland Oil, Ashland, Kentucky, 1988-1994

**Member**, Advisory Board Center for Applied Energy Research, University of Kentucky, 1990-1995

**Member**, Board of Directors, Occupational Physicians Scholarship Fund, 1988- 2010

**Consultant**, Urgent Treatment Center, Lexington, Kentucky, 1989-1994

**Consultant**, NIOSH Review of Document on Workplace Screening, 1990

**Consultant**, Natural Resource and Environmental Protection Cabinet, Commonwealth of Kentucky, 1990-1994

**Consultant**, Island Creek Corporation, 1990-1993

**Member**, NIOSH Board of Scientific Counselors, 1992-1996

**Presenter**, International Conference on Exposure to Carcinogens and Mutagens in the Industrial and Ambient Environment, "Issues of Asbestos Carcinogenicity". Jerusalem, Israel, January 30, 1992.

**Member**, Environmental Board, Commonwealth of Kentucky (Appointed by the Governor), 1991-95  
**Presenter**, Ohio AFL/CIO Worker's Compensation Institute, "The Role of the Primary Care Physician in Occupational Disease". Akron, Ohio, March 1992.  
**Presenter**, (20th Anniversary Class Representative) Alumni Day Program, Mt. Sinai School of Medicine, "The Mt. Sinai-Kentucky Connection". New York, NY April 11, 1992.  
**Presenter**, NIOSH Grand Rounds, ALOSH, Morgantown, WV, 1992.  
**Associate Editor**, *Mosby Yearbook of Occupational and Environmental Medicine*, 1992-94, Co-Editor-in-Chief, 1995-98  
**Guest Editor**, Memorial Volume of *Environmental Research* honoring Dr. Irving J. Selikoff, 1992  
**Consultant**, Qingdao Hygiene and Anti-Epidemic Station, Qingdao, Shandong Province, (now Qingdao Municipal Center for Disease Control and Prevention), 1993-Present  
**Guest Professor**, Beijing Medical University, Peoples Republic of China, 1993-1996  
**Presenter**, From Rio to the Capitals: State Strategies for Sustainable Development, May 25-28, 1993, Louisville, Kentucky  
**Presenter**, State of Ohio Workers Compensation Program, 1993  
**Presenter**, Kentucky Laborer's Union Asbestos Training Program, 1993  
**Presenter**, Collegium Ramazzini Scientific Session, 1993, Session Co-Chair  
**Kentucky Nominee**, Technical Oversight Committee, Southern Appalachian Mountain Initiative, 1993  
**Consultant**, EPA Panel on the Use of Genetic Monitoring for Risk Assessment in Communities Exposed to Hazardous Waste, University of Texas Medical Branch at Galveston, 1994  
**Member**, Residency Advisory Committee, U.S. Air Force Residency Program in Preventive Medicine, Brooks Air Force Base, San Antonio, Texas, Wright-Patterson AFB, Dayton, Ohio 1994-Present  
**Advisory Board Member**, "Cost-effective Medicine Reports", Mosby Publishing Co. 1994-1996  
**Presenter**, Collegium Ramazzini Scientific Session, Carpi, Italy, October 29, 1994  
**Advisory Board Member**, BRASH (Behavioral Research Aspects of Safety and Health) Working Group, University of Kentucky, 1994  
**Presenter and Session Chair**, SOEH Conference on Tuberculosis in the Workplace. December 1-2, 1994, Washington, DC  
**Presenter**, Andrews Publications Seminar on Asbestos-Related Diseases, Houston, Texas, March 1995  
**Presenter**, Bar Ilan University, Israel, March 1995  
**Presenter**, Hadassah Medical School, Israel, March 1995  
**Presenter**, 1st International Congress of the Minia School of Medicine, Minia, Egypt April, 1995  
**Program Participant**, Kentucky Governor's Safety and Health Conference, Louisville, Kentucky, April 1995  
**Member**, Advisory Board, Southwest Center for Occupational and Environmental Health, Houston, Texas, 1995-1998.  
**Consultant**, Texas Medical Association, Council on Medical Education, 1994-2002; Subcommittee on Accreditation, 1995-2001; Chair 1997-2001; CME Committee, 1997-2001.  
**Presenter**, Occupational and Environmental Respiratory Disease Course, The University of Texas School of Public Health, Houston, Texas 1995.  
**Presenter**, Departmental Seminar, The Department of Preventive Medicine and Community Health, The University of Texas Medical Branch, Galveston, Texas 1996.  
**Presenter**, Second International Conference of Environmental Mutagenesis in Human Populations at Risk, Prague, Czech Republic, 1995.  
**Session Chair**, Annual Meeting of the Society of Occupational and Environmental Health, Bethesda, Maryland, Dec-6-8, 1995.  
**Member**, Advisory Board, Lake Country AHEC, 1995-2002; Board chair, 1996-1997.  
**Member**, Advisory Board, NIEHS, Toxicology Center, UTMB, 1996-2002  
**Session Chair and Rapporteur**, Third Annual NIOSH Agricultural Health and Safety Conference, Iowa City, Iowa, March 1996.  
**Seminar Program Chair**, AOHC, San Antonio, Texas, ACOEM, 1995-96.  
**Alumni Day Centennial Program**, Mount Sinai Medical Center, New York, NY, April 13, 1996.

**Speaker and Session Co-chair**, The 6th International Conference on "Preservation of our World in the Wake of Change", Jerusalem, Israel, June 1996.

**Speaker**, VIII Inhaled Particles Meeting, Cambridge, England, August 1996.

**Presenter**, Collegium Ramazzini Scientific Session, Carpi, Italy, October 27, 1996.

**Member and Chair**, Residency Advisory Committee, Occupational Medicine, University of Texas Medical Branch, Galveston, Texas 1997

**Member**, University of Texas System Master Planning Organization and Task Force for Distance Learning and the Virtual University, 1997.

**Member**, Advisory Board, Texas A&M University Rural School of Public Health, College Station, Texas, 1997-2002

**Presenter**, TOMA meeting, Houston, Texas, March 14, 1997

**Presenter**, Environmental Information Association, New Orleans, Louisiana, March 25, 1997

**Presenter**, The University of Texas Medical Branch, Galveston, Texas, April 18, 1997

**Member**, University of Texas Telehealth Committee, 1997-2002

**Presenter**, ACOEM, AOHC Session, Orlando, Florida, May 12, 1997

**Presenter**, Qingdao Municipal Hospital, Department of Radiology, June 1997

**Presenter**, Research in China, Directors Associates. Tyler, June 1997

**Presenter and Session Co-Chair**, Collegium Ramazzini meeting, Carpi, Italy October, 1997

**Presenter**, Medical Education Grand Rounds, Mount Sinai School of Medicine, New York, NY, November 1997

**Member**, Shared Student Information Systems Committee, U.T. System, Austin, Texas, 1997-98

**Member**, Shared Administrative Support Systems Committee, U.T. System, Austin, Texas, 1997-98

**Member**, Texas Council for Agricultural Safety & Health 1997; Chair-Elect, 1997-99

**Presenter**, "Children in the Workplace", presented at the Annual Ain Shams University Institute of Child Studies Conference, Cairo, Egypt, March 1998

**Presenter**, Texas Academy of Mathematics and Science, University of North Texas, Denton, "Medical Sleuthing: Environmental Toxins", April 13, 1998

**Grand Rounds Presenter**, Presbyterian Hospital of Dallas, Environmental Toxins, April 29, 1998

**Member**, International Scientific Advisory Committee Third International Conference on Environmental Mutagens in Human Populations, 1998

**Member**, Telehealth Steering Committee Working Group on Education/Community Networks/Libraries, Telecommunications Infrastructure Fund Board, Austin, Texas 1998-1999

**Presenter**, AHEC-SW, Texarkana, Arkansas, Conference on Respiratory Therapy. "Occupational Lung Cancer" and "Occupational and Environmental Lung Disease Case Studies", Texarkana, Arkansas 8/28/98

**Presenter**, First Annual TCASH Scientific Conference, Fort Worth, Texas, October 16, 1998

**Presenter**, Childhood Agricultural Hazards at Collegium Ramazzini meeting, Carpi, Italy, October 25, 1998

**Consultant**, Medical Communities Project, Environmental Protection Agency, Washington, D.C., 1998-99

**Presenter**, two presentations for the Third International Conference on Environmental Mutagens in Human Populations, November-December 1998, Thailand

**Presenter**, TAMS Senior Seminar, February 1, 1999

**Presenter**, East Texas Council on World Affairs, Tyler, Texas, February 8, 1999

**Presenter**, Prevention '99, ACPM Session on Preventive Medicine, March 20, 1999

**Presenter**, Texas Occupational Medicine Association Meeting, Dallas, Texas, May 7, 1999

**Panelist**, East Texas Minority Health Network Conference, Tyler, Texas, June 3, 1999

**Presenter**, 7<sup>th</sup> International Conference of the Israel Ecology Society, Jerusalem, Israel, June 1999

**Presenter**, University of Texas Houston School of Public Health Course on Occupational Medicine for the Primary Care Practitioner, Houston, Texas, September 25, 1999

**Invited Presenter**, Committee on Work and Industry, Chamber of Deputies, Brasilia, Brazil, September 29, 1999

**Presenter and Session Chair**, Collegium Ramazzini, October 1999, Carpi, Italy  
**Chair**, International Scientific Advisory Committee of the Selikoff Center, Ra'anana, Israel, 1999  
**Presenter**, Texas Academy of Mathematics and Science, Denton, Texas, January 31, 2000  
**Presenter**, Pediatrics Grand Rounds, UTHCT, Tyler, Texas, 2/17/00  
**Consultant**, Qingdao Centers for Disease Control and Prevention, Qingdao, PRC, 2000-present  
**Session Chair**, NYCASH Meeting on Agricultural Safety and Health, Cooperstown, New York, 2000  
**Site Visitor**, NIEHS, 2000  
**Guest Consultant**, Annual Review of Public Health, Palo Alto, California, 2000  
**Award Recipient, Guest Speaker**, ACCME, Chicago, Illinois, 2000  
**Presenter**, TMA CME Conference, June 2000  
**Presenter and Conference Planning Committee**, International Cancer Conference, Grand Rapids, Michigan, September 2000  
**Presenter**, Pulmonary Program, UTHCT, September 2000  
**Presenter**, Collegium Ramazzini, Carpi, Italy October 2000  
**Presenter, Session Chair and Conference Planning Committee**, ISPO Conference, Geneva, November 2000  
**Presenter and Session Chair**, Indian Association of Occupational Health Conference, New Delhi, February 2001  
**Presenter**, Industrial Toxicology Research Center, Lucknow, India, February 2001  
**Member**, Editorial Board, Annual Review of Public Health, 2001 – 2005  
**Presenter**, Allen Cohen Memorial Lecture, Tyler, Texas, April 5, 2001  
**Presenter**, UTHCT Grand Rounds, April 6, 2001  
**Presenter**, Grand Rounds, Family Practice, UTMB, Galveston, Texas, July 11, 2001  
**Presenter**, UTHSC, Grand Rounds, Internal Medicine, Fort Worth, Texas July 8, 2001  
**Member**, Physicians Panel Member, State Claims Assistance Program, Department of Energy, October 1, 2004  
**Co-Moderator**, Institute of Water Quality, ACPM Meeting, San Antonio, Texas, February 2002  
**Presenter**, East Texas Council on World Affairs, March 2002  
**Presenter**, Scientific Program, Alumni Day (30<sup>th</sup> class year representative), Mount Sinai Medical Center, New York, NY, April 6, 2002  
**Presenter**, TAMS Program UNT, Denton, Texas April 8, 2002  
**Presenter**, University of Texas at Tyler School of Nursing, April 15, 2002  
**Presenter and Chair**, New York Academy of Sciences, Mesothelioma Program, April 25, 2002  
**Presenter**, Occupational Medicine Program, UTHCT, June 2002  
**Presenter**, UTMB, Occupational Medicine Residency Program, July 2002  
**Session Chair**, Collegium Ramazzini Meeting, Bologna, Italy, October 2002  
**Member**, State Advisory Committee on Environmental Health Tracking, Pennsylvania, November 2002-2017  
**Presenter**, Drexel University SESEPS Seminar, December 2002  
**Presenter**, Drexel University SPH Grand Rounds, December 2002  
**Presenter**, Air Force School of Aerospace Medicine, February 2003  
**Presenter**, GI Conference, Drexel, February 2003  
**Presenter**, Pulmonary Conference, Drexel 02/03, 05/03  
**Presenter**, University of Pennsylvania Residency Program in Occupational Medicine, March 2003, March 2005, April 2006, 2011, 2012, 2013, 2015  
**Presenter**, George Washington University Seminar, April 2003  
**Marcus Key Lecturer**, TOMA Meeting, April 2003  
**Consultant**, Waste Management Corporation, April 2003  
**Presenter**, ACPM Water Conference, Washington, DC, June 2003  
**Presenter**, UTMB, Galveston, Texas, July 2003  
**Presenter**, Fox Chase Cancer Center, September 16, 2003  
**Presenter**, APHA, San Francisco, California, November 2003  
**Moderator**, ACPM National Teleconference on Pediatric Environmental Health, May 2004

**Member**, Environmental Justice Advisory Board, DEP, Harrisburg, Pennsylvania, 2004 – 1/01/2024; Chair 2006-2018, Parliamentarian, 2019 – 2022

**Presenter**, Harris Martin Conference, Manganese, San Francisco, California, June 15, 2004

**Presenter**, UTHCT – Occupational Lung Disease, June 26, 2004

**Presenter**, UTMB – Occupational Cancers, Occupational Lung Disease, The History of Occupational Medicine, July 7, 2004, July 5, 2006

**Presenter**, Graduate School of Public Health, Pittsburgh, Asthma Seminar, August 10, 2004

**Presenter**, Drexel School of Public Health, Agriculture and Public Health, Faculty Seminar, August 13, 2004

**Presenter**, PCIEP Program, September 2004

**Session Chair and Discussant**, Olin Seminar on Environmental Justice, Drexel University, October 2004

**Presenter**, Collegium Ramazzini Annual meeting, Carpi, Italy, October 2004

**Presenter**, UCLA MD/PhD Program, November 2004

**Presenter**, Qingdao Centers for Disease Control and Prevention, Qingdao, China

**Presenter**, Asbestos Conference, Tokyo, Japan, November 2004

**Presenter**, Pulmonary Conference, Hahnemann Hospital, January 2005

**Member**, Institute of Medicine Committee, Gulf War and Health, 2005-2006

**Presenter**, Post Graduate Occupational Medicine Programs, New Delhi, India, March-April 2005, May 2006

**Presenter**, Department of Labor Conference, Washington, DC, April 2005

**Presenter**, Sappington Lecture, ACOEM, Washington, DC, May 2005

**Presenter**, US School of Aerospace Medicine, San Antonio, Texas, May 2005; June 2006

**Presenter**, Nahariya Hospital, Israel, Lecture on asbestos, May 2005

**Presenter**, University of Paris France, Lectures on occupational cancers and asbestos, June 1, 2005

**Presenter**, AAMC Meeting on MD MPH Programs, Chicago, Illinois, June 27, 2005

**Presenter**, UTMB, Grand Rounds Residency Program, Galveston, Texas, July 5-6, 2005

**Session Chair**, Collegium Ramazzini Conference, Living in a Chemical World, Bentivoglio, Italy September 19, 2005

**Presenter**, Institute of Public Health, Iasi, Romania, Keynote Address September 22, 2005, Address September 23, 2005

**Presenter**, 14<sup>th</sup> Brazilian Congress of Toxicology, Recife, Brazil, October 10, 2005

**Presenter**, Beijing Forum (2005) Beijing, People's Republic of China, November 19, 2005

**Member**, ACGME Appeals Panel for Preventive Medicine, 2006-2018

**Presenter**, EPA Public Hearing on Air Pollution Criteria, Representing ATS, March 8, 2006

**Presenter**, UMDNJ, March 2006

**Session Chair**, Asbestos Program, ADAO, April 1, 2006

**Member**, Delaware River Basin Commission, Toxics Advisory Committee, 2006-2009.

**Presenter**, Maulana Azad Medical College, New Delhi, India, May 2006

**Presenter**, Occupational and Environmental Medical Association of Canada, Toronto, CBOM Memorial Lecture, June 2006

**Presenter**, Summer Public Health Institute, Iasi, Romania, July 2006

**Session Chair and Presenter**, Asian Asbestos Conference, Bangkok, Thailand, July 2006

**Presenter**, Business Exchange Breakfast, Philadelphia, October 17, 2006

**Session Chair and Presenter**, Collegium Ramazzini Meeting, Capri, Italy, October 29, 2006

**Presenter**, PCOEM, November 2006

**Presenter**, Asbestos Conference and Continuing Education Conference, New Delhi, India, December 2006

**Presenter**, State University of New York at Stony Brook, Occupational Lung Diseases, December 2006

**Presenter**, PCOM, Internal Medicine Group, January 2007

**Participant**, AAD Program, Drexel University School of Public Health, March 31 – April 1, 2007

**Lecturer**, Physician Assistant Course, Drexel University, April 2007

**Lecturer**, ACOEM Program, New Jersey, Asbestos, May 1, 2007

**Presenter**, Environmental Mutagenesis Conference, Turkey, May 22, 2007  
**Presenter**, Drexel School of Public Health Program, Asbestos, June 1, 2007  
**Presenter**, Occupational Medicine Course, Maulana Azad Medical College, New Delhi, India, June 2007  
**Presenter**, UTMB, Galveston, Texas, July 2007  
**Member and Chair**, Ad hoc Committee to Assess Liver Cancer in Bexar County Texas, San Antonio, August 2007, December 2007  
**Presenter**, SUNY Stony Brook, October 2007  
**Presenter**, Collegium Ramazzini Meeting, Princess Chulabhorn Institute, Bangkok, Thailand, December 2007  
**Presenter**, Integral University, Lucknow, India, December 2007  
**Presenter**, Sanjay Gandhi Institute, Lucknow, India, December 2007  
**Presenter**, Joint Labor-Management Safety and Health Meeting, Vishakhapatnam, India, December 2007  
**Presenter**, Centre for Occupational and Environmental Health, Maulana Azad Medical College, Delhi, India, December 2007  
**Presenter**, Department of Medicine CME Program, Maulana Azad Medical College, Delhi, India, December 2007  
**Session Chair**, 41<sup>st</sup> Annual Meeting of the Indian College of Allergy, Asthma and Applied Immunology, Delhi, India, December 2007  
**Presenter**, Toxic Links Meeting, Delhi, India, December 2007  
**Presenter**, Philadelphia Zoning Code Commission, January 2008  
**Member and Chair**, Advisory Committee, Mountain and Plains ERC, Denver, Colorado, January 2008-present  
**Speaker**, George Washington University School of Public Health, Washington, DC, February 2008  
**Lecturer**, U.S. Air Force School of Aerospace Medicine, San Antonio, Texas, March 2008  
**Grant Reviewer**, NIOSH Agricultural Center Program, March 2008  
**Session Chair**, ADAO 4<sup>th</sup> Annual Conference, Detroit, Michigan, March 2008  
**Lecturer**, Physician Assistants Program, Drexel University, April 2008  
**Lecturer**, Maulana Azad Medical College, Delhi, India, May 2008  
**Presenter**, National Conference on Climate Change, Delhi, India May 2008  
**Presenter**, 1<sup>st</sup> International Conference on Mesothelioma, Sao Paulo, Brazil June 2008  
**Member**, City of Philadelphia Air Pollution Control Board, June 2008-present  
**Lecturer**, UTMB, Galveston, Texas, July 2008  
**Lecturer**, Qingdao Centers for Disease Control and Prevention, Qingdao, China, August 2008  
**Member**, Board of Scientific Counselors, CDC Center for Environmental Health/ATSDR, July 2008-June 2012  
**Member**, Scientific Review Board, Peking Medical University, August 2008  
**Presenter**, ACPM Program on Indoor Air Pollution, August 2008  
**Presenter**, Inhaled Particles X Meeting, Sheffield, England, September 2008  
**Presenter**, FASLI Occupational Medicine Program, Mumbai, India, September 2008  
**Presenter**, ESIC Occupational Medicine Program, Mumbai, India, September 2008  
**Invited Lecturer**, University of Brescia, Italy, October 2008  
**Lecturer**, Drexel University College of Medicine, November 2008  
**Consultant and Speaker**, Sri Lankan NIOSH, Colombo, March 2009  
**Speaker**, ESI Program, Chennai, India, March 2009  
**Session Chair**, ADAO Annual Scientific Meeting, Los Angeles, California, March 2009  
**Speaker**, Occupational Medicine Program, UMDNJ, March 2009  
**Speaker**, ESI Program, Goa, India, May 2009  
**Speaker**, Occupational Medicine Program, Maulana Azad Medical College, Delhi, India, May 2009  
**Participant**, Harris Martin Asbestos Program, Chicago, Illinois, June 2009  
**Speaker**, University of Occupational and Environmental Health, Kitakyushu City, Japan, August 2009  
**Speaker**, Hangzhou Preventive Medicine Program, Hangzhou, China, August 2009  
**Speaker**, Qingdao CDC, China, August 2009

**Speaker**, Uniformed Services, University of the Health Sciences, Bethesda, Maryland, November 2009  
**Organizer, Session Chair, Speaker**, Collegium Ramazzini/Drexel/MAMC Meeting, New Delhi, India, December 2009  
**Speaker**, Clinical Case Conference, MAMC, New Delhi, India, December 2009  
**Speaker**, MAMC Center for Liver and Biliary Disease, New Delhi, India, December 2009  
**Session Chair/Discussant**, Round Table Conference on Issues Related to Asbestos Use in India, New Delhi, India, December 2009  
**Speaker**, Medical-Legal Program, Salisbury, North Carolina, January 2010  
**Advisory Board**, Libby Epidemiology Research Program, Scientific Advisory Group, 2009-2014  
**Member**, NIOSH NORA Mining Sector Council, 2010-  
**Speaker**, Medical-Legal Program, Philadelphia, Pennsylvania, February 2010  
**Session Chair**, ADAO Annual Meeting, Chicago, April 2010  
**Lecturer**, Maulana Azad Medical College, New Delhi, June 2010  
**Lecturer**, Sri Lanka NIOSH, Colombo, June 2010  
**Lecturer**, University of Colombo, Sri Lanka, June 2010  
**Lecturer**, University of North Colombo, Sri Lanka, June 2010  
**Lecturer**, Moratuwa University, Sri Lanka, June 2010  
**Lecturer**, University of Peradeniya, Kandy, Sri Lanka, June 2010  
**Lecturer**, Postgraduate Institute of Medicine, Colombo, Sri Lanka, June 2010  
**Member**, Editorial Board, Oxford University Press On-Line, Public Health Encyclopedia, 2010-  
**Keynote Speaker**, Environmental Justice in Chester Conference, July 27, 2010  
**Invited Lecturer**, UTMB, Galveston, Texas, August 5, 2010  
**Keynote Speaker**, Shantou Medical College, Shantou, China, September 2010  
**Invited Lecturer**, Fudan University School of Public Health, Shanghai, China, September 2010  
**Invited Speaker**, McGeorge Law School, Sacramento, California, October 2010  
**Invited Speaker**, Asbestos Conference, New York, NY, October 2010  
**Invited Speaker**, Asia Asbestos Initiative Conference III, Fukuoka, Japan, November 2010  
**Presenter**, APHA Meeting, Denver, Colorado, November 2010  
**Invited Speaker**, California EPA, Sacramento, California, November 2010  
**Invited Lecturer**, University of Brunei Darussalam, November 2010  
**Invited Speaker**, Ministry of Health, Occupational Health Unit, Brunei, November 2010  
**Invited Speaker**, Jodhpur National University, Jodhpur, India, November 2010  
**Lecturer**, Emerging Developments in Occupational Medicine Practice Conference, Maulana Azad Medical College, New Delhi, India, November 2010  
**Invited Speaker**, National Institute of Health, Family and Welfare, New Delhi, India, December 2010  
**Invited Speaker**, Basaidharapur Hospital, ESIC, New Delhi, India, December 2010  
**Grand Rounds Speaker**, Crozer Chester Medical Center, January 2011  
**Invited Speaker**, Occupational Health Program, Raleigh, North Carolina, January 2011  
**Invited Grand Rounds Speaker**, UTMB, Galveston, Texas, February 2011  
**Speaker**, International Conference, Maulana Azad Medical College, New Delhi, India, March 2011  
**Session Chair**, ADAO Meeting, Atlanta, Georgia, April 2011  
**Invited Speaker**, Agricultural Safety and Health Conference, Chulalongkorn University, Bangkok, Thailand, July 2011  
**Invited Lecturer**, UTMB, Galveston, Texas, August 2011  
**Peer Reviewer**, Diacetyl Document-NIOSH, August 2011  
**Guest Editor**, Safety and Health special issue of "Minerals" 2011-2012  
**Member**, Technical Advisory Council District 1199C, Susan Harwood OSHA Grant, Philadelphia, Pennsylvania, 2011-present  
**Member**, CEPH Accreditation Planning Committee, 2011-2014  
**Invited Speaker**, Occupational and Environmental Medical Association of Canada, 29<sup>th</sup> Annual Scientific Conference, Niagara-on-the-Lake, Canada, October 2011  
**Invited Speaker**, Asbestos in Vermiculite Program, Libby, Montana, October 2011

**Invited Speaker**, Public Interest Law Center of Philadelphia Symposium, Philadelphia, October 2011  
**Invited Speaker**, NIOH, Ahmedabad, India, December 2011  
**Invited Lecturer**, Maulana Azad Medical College, New Delhi, India December 2011  
**Invited Speaker**, Asbestos Program, Philadelphia, January 2012  
**Invited Speaker**, U.S. Air Force Occupational Medicine Program, March 2012  
**Invited Speaker**, University of Colorado SPH Research Day Keynote Speaker, March 2012  
**Session Chair**, ADAO Annual Meeting, Manhattan Beach, California, March 2012  
**Invited Speaker**, Johns Hopkins University SPH, Baltimore, Maryland, April 2012  
**Invited Speaker**, USUHS, Department of Preventive Medicine, Bethesda, Maryland, April 12  
**Invited Speaker**: University of Pennsylvania Occupational Medicine Program, April 12  
**Invited Speaker**, Occupational Health Clinics for Ontario Workers, Sarnia, Ontario, April 2012  
**Invited Speaker**, Workers Memorial Day Program, Sarnia, Ontario, April 2012  
**Invited Speaker**, Maulana Azad Medical College, New Delhi, India, July 2012  
**Invited Presenter**, Supreme Court of Brazil, Brasilia, August 2012  
**Invited Speaker**, Qingdao CDC, China, September 2012  
**Invited Speaker**, IIT, New Delhi, India, November 2012  
**Invited Speaker**, Maulana Azad Institute of Dental Sciences, New Delhi, India, November 2012.  
**Invited Speaker**, Maulana Azad Medical College, New Delhi, India, December 12.  
**Invited Speaker**, International Meeting, Maulana Azad Medical College, New Delhi, India, December 2012  
**Invited Speaker**, UMDNJ, Piscataway, New Jersey, December 2012  
**Invited Speaker**, Asbestos Program, Philadelphia, January 2013  
**Invited Speaker**, American College of Preventive Medicine Annual Meeting, Scottsdale, Arizona, February 2013  
**Grand Rounds Speaker**, Department of Medicine, Drexel University College of Medicine, February 2013  
**Invited Speaker**, ADAO Annual Meeting, Washington, DC, March 2013  
**Invited Speaker**, DOE Former Workers PI Meeting, Washington, DC, May 2013  
**Invited Speaker**, ATS Annual Meeting, Philadelphia, Meet the Professor Session, May 2013  
**Speaker**, Clean Air Council, Philadelphia, June 2013  
**Speaker**, Health Sciences University, Ulaanbaatar, Mongolia, July 2013  
**Grand Rounds Speaker**, Christiana Hospital, August 2013  
**Speaker**, Inhaled Particles XI, Nottingham, England, September 2013.  
**Invited Speaker**, Maulana Azad Medical College, New Delhi, India, December 2013.  
**Invited Speaker**, Conference for Orland Gas Industry, New Delhi, India, December 2013  
**Grand Rounds Speaker**, Mount Sinai School of Medicine, January 2014  
**Invited Speaker**, Asbestos Program, San Francisco, California, January 2014  
**Invited Speaker**, Agricultural Safety and Health Talk, Drexel Sacramento Campus, March 2014  
**Invited Lecturer**, JH-Perdana University, Malaysia, June 2014  
**Invited Speaker**, AOEMM 8<sup>th</sup> Annual Conference, Kuala Lumpur, Malaysia, June 2014  
**Speaker**, Occupational Health Workshop, MAMC, New Delhi, India, June 2014  
**Invited Lecturer**, National Institute of Health and Family Welfare, New Delhi, India, July 2014  
**Invited Speaker**, Asbestos Meeting, SPH, Ulaanbaatar, Mongolia, July 14  
**Invited Speaker**, Occupational Health Center, Ulaanbaatar, Mongolia, July 2014  
**Invited Faculty**, ITT-Delhi, India, July14  
**Invited Grand Rounds Speaker**, Christiana Care, September 2014  
**Invited Speaker**, Collegium Ramazzini, Silica Session, Carpi, Italy, October 2014  
**Invited Lecturer**, Maulana Azad Medical College, New Delhi, India, December 2014  
**Member**, University Honorary Degree Committee, 2014-  
**Invited Speaker**, UMDNJ EOH Program, New Jersey, February 2015  
**Invited Speaker**, International Conference on Hearing Loss, New Delhi, India, February 2015  
**Invited Lecturer**, Obama-Singh Grant Program on Risk Assessment Hyderabad, India, March 2015

**Invited Speaker**, ADAO Conference, Washington, DC, April 2015  
**Invited Lecturer**, School of Public Health, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia, June 2015  
**Invited Speaker**, DOE Public Session, Amarillo, Texas, July 2015  
**Invited Lecturer**, UTMB, Galveston, Texas, July 2015  
**Invited Speaker**, Collegium Ramazzini Scientific Meeting, Carpi, Italy, October 2015  
**Invited Speaker**, Health 3000 Meeting, Colombo, Sri Lanka, December 2015  
**Invited Speaker**, MAMC Conference, New Delhi, India, December 2015  
**Member**, University Tenure Appeals Committee, 2015-2016  
**Member**, Dornsife Professor Search Committee, 2016  
**Member**, Boren Fellowship Review Committee, January 2016  
**Member**, Drexel University Travel Committee, 2016  
**Member**, University Grievance Committee, 2016-2019  
**Member**, Dornsife Committee on Global Health, 2016  
**Speaker**, ADAO Conference, Washington, DC, April 16  
**Speaker**, Scientific Conference, UTHSCT, Tyler, Texas, June 2016  
**Visiting Faculty**: Mongolian National University of Medical Science, School of Public Health, June 2016  
**Invited Lecturer**: UTMB, Galveston, Texas, July 2016  
**Visiting Faculty**: Buenos Aires, Argentina, September 2016  
**Invited Speaker**: Brazil, October 2016  
**Member**: Drexel School of Public Health MD MPH Advisory Board, 2016 –  
**Member**: Drexel School of Public Health Global Health Advisory Committee, 2016 –  
**Presenter**: Collegium Ramazzini Meeting, Carpi, Italy, October 2016  
**Lecturer**: Ramazzini Lecture, Carpi, Italy, October 2016  
**Member**: SPH Global Health Advisory Board, 2016 –  
**Member**: AOEC Board of Directors, 2017 – 2020  
**Invited Speaker**: Asbestos Program, January 2017  
**Invited Speaker**: Indian National Institute of Health and Family Welfare, New Delhi, February 2017  
**Invited Speaker**: Health and Environment Foundation, New Delhi, February 2017  
**Invited Speaker**: ITT-Delhi, New Delhi, February 2017  
**Invited Speaker**: Workshop on Silicosis, Jodhpur, February 2017  
**Invited Speaker**: Indian Public Health Association meeting, Jodhpur, February 2017  
**Invited Speaker**: ADAO Meeting, Washington, DC, April 2017  
**Invited Speaker**: National Center for Public Health, Mongolia, June 2017  
**Consultant**: Center for Occupational Health, Mongolia, June 2017  
**Invited Lecturer**: UTMB, Galveston, TX, July 2017  
**Invited Speaker**: Asbestos Program, Bogota, Columbia, August 2017  
**Poster Presenter**: Inhaled Particles XII, Glasgow, September 2017  
**Poster Presenter**: Collegium Ramazzini meeting, Carpi 2017  
**Advisor, Invited Speaker and Chairperson**: Amity University meeting on Women's and Environmental Health, Lucknow, India, November 2017  
**Invited Speaker**: Mining Safety and Health Program, Hyderabad, India, December 2017  
**Participant**: Meeting at EPA on Asbestos, March 2018  
**Invited Speaker**: Asbestos Program, Juan N. Corpas Medical College, Bogota, Colombia, May 2018  
**Invited Speaker**: 2<sup>nd</sup> International Seminar on Asbestos, Brazil, May 2018  
**Invited Speaker**: Juan N. Corpas University, Bogota, Columbia, August 2018  
**Invited Lecturer**: UTMB, Galveston, TX, August 2018  
**Invited Speaker**: National Center of Public Health, Ulaanbaatar, September 2018  
**Invited Speaker**: Occupational Safety and Health Center, Ulaanbaatar, September 2018.  
**Lecturer**: NMUMS, Ulaanbaatar, September 2018  
**Trainer**: Occupational Physicians, Ulaanbaatar, September 2018  
**Member**: Advisory Committee, Center for Expertise for Asbestos & Fibers, The Netherlands, 2018-

**Scientific Program Monitor:** Collegium Ramazzini Meeting, Italy, November 2018

**Academic Program Advisor:** MAMC, New Delhi, India, December 2018

**Invited Speaker:** Session Chair, Scientific Program Committee Air Pollution and Climate Change Conference, MAMC, New Delhi, India, December 14-15, 2018

**Member:** Faculty of Asbestos Assessment and Management, BOHS, 2019-

**Invited Speaker:** NEERI, Nagpur, India, January 2019

**Invited Speaker:** Jindal Steel, Vijayanagar, India, February 2019

**Member:** Fulbright Review Panel, Drexel University, 2019, 2020

**Invited Speaker:** ADAO Conference, Washington, DC, April 2019

**Invited Speaker:** Global Health Program Conference, Drexel University, May 2, 2019

**Invited Speaker:** National University of Colombia, School of Public Health, Bogota, May 6, 2019

**Invited Speaker:** National University of Colombia Press, Book Fair Presentation, May 6, 2019

**Invited Speaker:** Hospital of National University of Colombia, Bogota, May 7, 2019

**Invited Speaker:** Resident's Pulmonary Conference Hahnemann Hospital, May 24, 2019

**Invited Speaker:** Peking University School of Public Health, June 2019

**Invited Speaker:** MNUMS – SPH, Ulaanbaatar, Mongolia, June 2019

**Invited Speaker:** Health and Safety Staff, Oyu Tolgoi Mine, Mongolia, June 2019

**Invited Speaker:** Amity University Lucknow, India, September 2019

**Invited Speaker:** Dr. Ram Manohar Lohia Institute of Medical Sciences, September 2019

**Invited Speaker:** Amity University, Haryana, India, September 2019

**Invited Speaker:** Indian Institute of Technology, Delhi, India, September 2019

**Invited Speaker:** Clean and Green Environmental Society Seminar on "Environment and Health", Lucknow, India, September 2019

**Invited Speaker:** International Symposium on Air Pollution – Causes, Mitigation & Strategic Planning, Amity University, Haryana, September 2019

**Associate Editor:** European Journal of Oncology, Occupational and Environmental Health, 2019 –

**Invited Speaker:** Institute Für Arbeitsmedizin, Sozialmedizin und Umweltmedizin, Frankfurt, Germany, October 2019

**Presenter:** Radiographic Changes in Colombian Asbestos Factory Workers, Collegium Ramazzini Meeting, October 2019

**Invited Speaker:** Member International Scientific Planning Committee, Session Chair, and Speaker. 15<sup>th</sup> International Symposium on Metal Ions & Organic Pollutants in Biology, Medicine and Environment. NEERI, Nagpur, India, October 2019

**Invited Speaker:** European Asbestos Forum, Amsterdam, November 2019

**Invited Speaker:** ILO Training Course, Bogota, Colombia, December 2019

**Invited Speaker:** Ismail Yusuf College, International E-Conference, Mumbai, India, June 2020

**Invited Speaker:** Emerging Issue in Occupational & Environmental Health, UTHSC-Tyler, Grand Rounds Speaker, June 2020

**Invited Speaker:** Teleconference on Non-Malignant Asbestos Disease Diagnosis, Bogota, Colombia, July 2020

**Invited Speaker:** Teleconference, Alberta Respiratory Centre Seminar Series. Topic: Asbestos Disease, September 2020

**Invited Participant and Speaker:** Toxic Links meeting on Talcum Powders, India, December 2020

**Invited Speaker:** IPEN meeting on asbestos in talc. India, March 2021

**Invited Speaker:** ADAO international meeting on asbestos, March 2021

**Applicant Reviewer:** The Committee for Qualifications and Membership of Sigma Xi, 2021-2023

**Member:** Climate Resilience Research Agenda working group, Drexel University, June 2021-September 2021

**Presenter:** EPA AHERA asbestos program. August 2021.

**Invited Speaker:** Asbestos in Schools, EPA Program, August 2021

**Invited Speaker:** Congressional Educational Briefing for ADAO, Washington, DC. August 2021

**Invited Speaker:** ADAO Annual Meeting, September 2021

**Invited Speaker:** Asbestos Program, Bogota, Columbia, October 2021

**Invited Speaker:** Collegium Ramazzini Annual Meeting Program, Italy, October 2021

**Invited Speaker:** "Social Determinants of Health & Health Seeking Behaviour Towards Health Equity: With special reference to the elderly people of mountain regions". Uttarakhand Open University, India, November 2021

**Invited Lecturer:** Occupational Medicine Training Course, Centre for Occupational and Environmental Health, Maulana Azad Medical College, New Delhi, India, November 2021 – January 2022.

**Speaker:** Philadelphia Air Pollution Control Board – January 2022.

**Member:** Drexel University School of Public Health Awards Committee – 2021 –

**Member:** Sci OPS Panel of Experts, 2022 –

**Member:** APPLETREE Advisory Group, Pennsylvania Department of Health, 2022 –

**Invited Speaker:** Oxford University, March 2022.

**Invited Participant:** Asbestos meeting, Brazil, May 2022.

**Invited Speaker:** EPA AHERA Program, June 30, 2022.

**Invited Lecturer:** UTMB Residency Introductory Program, Galveston, Texas, July 2022.

**Member:** Advisory Board for Radiation and Worker Health of the Centers for Disease Control and Prevention (CDC) [NIOSH] 2022 –

**Invited Speaker:** Indian International Center, Delhi, India, August 2022.

**Workshop Speaker:** "Why India Should Stop Using Asbestos", Delhi, India, August 2022.

**Invited Speaker:** Maulana Azad Medical College, New Delhi, India, August 2022.

**Presentation:** Teleconference on asbestos issues in school, Israel, September 2022.

**Invited Speaker:** ADAO Annual Meeting, September 2022.

**Member:** Collegium Ramazzini Annual Meeting, Abstract Review Committee, September 2022.

**Invited Speaker:** Mexican Asbestos Program, September 2022.

**Invited Speaker:** University of Turin, Turin, Italy, October 2022.

**Member:** Collegium Ramazzini Program Committee and Awards Committee, 2022 –

**Invited Speaker:** European Asbestos Forum Meeting, Amsterdam, November 11, 2022.

**Guest Lecturer:** Maulana Azad Medical College, New Delhi, India, February 2023.

**Invited Speaker:** Maulana Azad College of Nursing, New Delhi, India, February 2023.

**Invited Speaker:** National Institute of Health and Family Welfare, Delhi, February 2023.

**Invited Speaker:** Hero Motocorp, Neemrana, India, February 2023.

**Invited Speaker:** Ministry of Health, Tel Aviv, Israel, February 2023.

**Invited Speaker:** VA Pre-AOHC Program, Philadelphia, PA, April 15, 2023.

**Invited Speaker:** AOHC Meeting, ACOEM, Philadelphia, April 18, 2023.

**Speaker:** Mount Sinai School of Medicine Conference, New York, NY, May 10, 2023.

**Course Teacher:** Occupational Medicine Course, Maulana Azad Medical College, New Delhi, India, May 2023.

**Invited Speaker:** iMIG Meeting 2023, Lille, France, June 2023.

**Invited Speaker:** Workplace Health Without Borders – Asbestos Program, June 7, 2023.

**Invited Speaker:** UTMB Aerospace Medicine Program, Galveston, TX, July 31, 2023.

**Invited Speaker:** ADAO Annual Meeting, September 9, 2023.

**Invited Speaker:** NORTHCON 2023, Indian Association of Occupational Health Haryana, September 30, 2023.

**Member:** European Society for Environmental and Occupational Medicine, 2023 –

**Vice President:** European Society for Environmental and Occupational Medicine, 2023 –

**Invited Speaker and Panel Organizer:** Collegium Ramazzini Meeting, Bologna, Italy, October 2023

**Program Organizer and Speaker:** International Environmental and Occupational Health, Maulana Azad Medical College, November 2023.

**Invited Speaker:** EAF Meeting, December 2023.

**Invited Scientist:** Response Team for Community Issues for U.S. Navy Hanger Fire, Tustin, CA. Nov. 2023 –

**Invited Speaker:** NEERI, Nagpur, India. 1/03/2024 (by Zoom).

**Invited Speaker:** Asbestos Talk, California Local Health Department Directors, February 8, 2024.

**Invited Scientist:** Asbestos and Dust Disease Research Institute, Sydney, Australia, April 2024.

**Invited Speaker:** Research Institute, Sydney, Australia, April 2024

**Invited Speaker:** Chris O'Brien Lifehouse, Sydney, Australia, April 2024

**Invited Speaker:** Slater and Gordon, Sydney, Australia, April 2024

**Invited Lecturer:** Department of Community Medicine, Maulana Azad Medical College, New Delhi, India, May 2024.

**Invited Lecturer:** Department of Medical Administration, A.I.I.M.S., New Delhi, India, May 2024.

**Invited Speaker:** Occupational Medicine Physician Training Program, EIS Hospital, Delhi, India, May 2024.

**Invited Speaker:** Asbestos Program, Cartagena, Colombia, June 2024.

**Invited Speaker:** Asbestos Program, Tirana, Albania, July 2024.

**Invited Speaker:** Drexel Public Health Summer Institute 2024 for high school students. July 2024.

**Invited Lecturer:** UTMB Aerospace Medicine Training Program. July 2024.

**Invited Speaker:** FIRST Summer Fire Fellows Program, August 2024.

**Keynote Speaker:** Asbestos Program, Bogota, Colombia, August 2024.

**Invited Speaker:** ADAO Meeting, September 2024.

**Invited Speaker:** NEERI, Nagpur, India, September 2024.

**Invited Speaker:** Edward & Cynthia Institute of Public Health, Mangalore, India, September 2024.

**Invited Speaker:** AIIMS, Delhi, India, September 2024.

## **PLANNED ACTIVITIES**

**Invited Speaker:** European Asbestos Forum Meeting, Brussels, December 2024.

**Invited Speaker:** Indian Association of Occupational Health, Haryana State Branch, NORTHCON, 2024.

**Invited Lecturer:** UTMB Aerospace Medicine Training Program, July 2025.

**Member:** Scientific Committee, Health Buildings Conference, Hyderabad, India, August 2025.

## **BOOKS, REVIEWS, AND BOOK CHAPTERS**

1. Trump BF, McDowell EM, Barrett LA, Frank A, Harris C. Studies of Ultrastructure. Cytochemistry and Organ Culture of Human Bronchial Epithelium. In *Experimental Respiratory Carcinogenesis and Bioassays*. New York: Springer-Verlag, 1974, p. 548-563.
2. Harris C, Autrup H, Van Haaften C, Connor R, Frank A, Barrett L, McDowell E, Trump B. Inhibition of Benzo(a)pyrene Binding to DNA in Cultured Human Bronchi. In *Proc 3rd Int Symposium Cancer Detection and Prevention*, Part I, Vol 2, Nieburgs H. (Ed). Amsterdam: Excerpta Medica, 1977, p. 1359-1364.
3. Frank AL. Occupational Lung Cancer. In *Pathogenesis and Therapy of Lung Cancer*, Harris C. (Ed). New York: M. Dekker, Inc., 1978, p. 25-51.
4. Frank AL. In *Public Health and Preventive Medicine*, 11th Edition, Last J. (Ed). New York: Appleton-Century-Crofts, 1980. a. Arsenic, p. 660-662; b. Antimony, p. 681; c. Thorium, p. 681-682; d. Benzidine, The Naphthylamines, and Miscellaneous Carcinogenic Compounds, p. 751-755; e. Non-Ionizing Radiation, p. 777-787.
5. Frank AL. *Cancer*. New York: Matthew Bender and Co., 1978.
6. Frank AL, Spigelman M. Lung Cancer. In *Cancer*. New York: Matthew Bender and Co., 1980, p. 1-51.
7. Frank AL. *Asbestosis*. New York: Matthew Bender and Co., 1980, p. 1-51.

8. Frank AL. Definition of Preventive Medicine. In *Charting Graduate Education in Preventive Medicine*, Byrd B. (Ed). Washington, DC: American College of Preventive Medicine, 1980, p. 7-8.
9. Frank AL. Asbestos-Induced Changes in Hamster Trachea Organ Culture. In *The In-Vitro Effects of Mineral Dusts*. Brown R, et al. (Eds). London: Academic Press, 1980, p. 235-240.
10. Wade MJ, Lipkin LE, Stanton MF, Frank AL. P388D<sub>1</sub> In-Vitro Cytotoxicity as Applied to Asbestos and Other Minerals: Its Possible Relevance to Carcinogenicity. In *The In-Vitro Effects of Mineral Dusts*, Brown R, et al. (Eds). London: Academic Press, 1980, p. 351-358.
11. Frank AL. Health Effects of Fibers. *National Academy of Sciences Report on Indoor Air Pollution*, Washington, DC, 1981.
12. Frank AL. Occupational and Environmental Exposure. In *An Introduction to Physical Diagnosis*. Swartz M (Ed). New York: Raven Press, 1981, p. 303-311.
13. Frank AL, Spigelman M. Blood-Related Malignancies. In *Cancer*. New York: Matthew Bender & Co., 1981, p. 1-123.
14. Frank AL. The Hospital as an Environmental Health Resource. In *Principles of Hospital-Based Ambulatory Care*, Pascarelli EF (Ed). New York: Appleton- Century- Crofts, 1982, p. 309-314.
15. Frank AL, Spigelman M. Cancer of the Liver, Gall Bladder, and Bile Ducts. In *Cancer*. New York: Matthew Bender and Co., 1982, p.1-43.
16. Frank AL, Spigelman M. Cancer of the Pancreas. In *Cancer*. New York: Matthew Bender and Co., 1982, p. 1-22.
17. Frank AL. The Etiology and Epidemiology of Lung Cancer. *Clin in Chest Med* 3:219-228, 1982.
18. Frank AL. The Occupational History. In *Environmental and Occupational Medicine*, Rom W (Ed). Boston: Little, Brown, and Co., 1982, p. 21-26.
19. Frank AL, Spigelman M. Cancers of the Digestive Tract. In *Cancer*. New York: Matthew Bender and Co., 1983, p. 1-108.
20. Frank AL, Spigelman M. Cancers of the Urinary System. In *Cancer*. New York: Matthew Bender and Co., 1983, p. 1-62.
21. Frank AL, Spigelman M. Cancer of the Female Reproductive Organs. In *Cancer*. New York: Matthew Bender and Co. 1984, p. 1-80.
22. Frank AL. Diethylstilbestrol. In *Cancer*. New York: Matthew Bender and Co., 1984, p. 1-15.
23. Frank AL, Spigelman M. Cancer of the Breast. In *Cancer*. New York: Matthew Bender and Co., 1984, p. 1-51.
24. Frank AL, Spigelman M. Cancer of the Head and Neck. In *Cancer*. New York: Matthew Bender and Co., 1984, p. 1-32.

25. Frank AL, Spigelman M. Specific Cancers of the Head and Neck. In *Cancer*. New York: Matthew Bender and Co., 1985, p. 1-36.
26. Frank AL, Spigelman M. Cancer of the Brain and Nervous System. In *Cancer*. New York: Matthew Bender and Co., 1985, p. 1-82.
27. Frank AL, Spigelman M. Sarcomas of Soft Tissue and Bone. In *Cancer*. New York: Matthew Bender and Co., 1985, p. 1-60.
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