

## Curriculum Vitae

### Yehia Y. Hammad

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#### **EDUCATION:**

Faculty of Engineering: B.S. Civil Engineering, 1965, Alexandria University, Egypt

Institute of Public Health: D.P.H. Occupational Health, 1967, Alexandria University, Egypt

Graduate School of Public Health: M.Sc., Industrial Hygiene, 1970, University of Pittsburgh, Pittsburgh, PA.

Graduate School of Public Health: D.Sc. Industrial Hygiene, 1974, University of Pittsburgh, Pittsburgh, PA.

#### **MEMBERSHIPS:**

American Conference of Governmental Industrial Hygienists  
American Industrial Hygiene Association  
American Society of Heating, Refrigerating, and Air Conditioning Engineers

#### **HONORARY MEMBERSHIPS:**

American Association for the Advancement of Science

**PROFESSIONAL CAREER:**

- 1997-1999      Chair, Dept. of Environmental and Occupational Health  
University of South Florida  
College of Public Health  
Tampa, Florida
- 1997            Acting Chair, Dept. of Environmental and Occupational Health  
University of South Florida  
College of Public Health  
Tampa, Florida
- 1989-present:    Professor, Dept. of Environmental and Occupational Health  
University of South Florida  
College of Public Health  
Tampa, Florida
- 1992-present:    Adjunct Professor, Department of Medicine  
University of South Florida  
College of Medicine  
Tampa, Florida
- 1985-1989:      Professor, Department of Environmental Health Sciences  
School of Public Health and Tropical Medicine  
Tulane University  
New Orleans, Louisiana
- 1985-1989:      Adjunct Professor, Department of Medicine  
School of Medicine  
Pulmonary Diseases Section  
Tulane University  
New Orleans, Louisiana
- 1982-1985:      Adjunct Assoc. Professor, Dept. of Environmental Health Sciences  
School of Public Health and Tropical Medicine  
Tulane University  
New Orleans, Louisiana
- 1980-1985:      Associate Professor, Department of Medicine  
School of Medicine  
Pulmonary Diseases Section  
Tulane University  
New Orleans, Louisiana

**PROFESSIONAL CAREER: (Continued)**

- 1977-1982: Adjunct Assistant Professor, Dept. of Environmental Health Sciences  
School of Public Health and Tropical Medicine  
Tulane University  
New Orleans, Louisiana
- 1976-1980: Assistant Professor, Department of Medicine  
School of Medicine  
Tulane University  
New Orleans, Louisiana
- 1975-1976: Research Assistant Professor, Department of Occupational Health  
Graduate School of Public Health  
University of Pittsburgh  
Pittsburgh, Pennsylvania
- 1974-1975: Research Associate, Department of Occupational Health  
Graduate School of Public Health  
University of Pittsburgh  
Pittsburgh, Pennsylvania
- 1972-1974: Teaching Fellow, Department of Occupational Health  
Graduate School of Public Health  
University of Pittsburgh  
Pittsburgh, Pennsylvania
- 1970-1972: Research Assistant, Department of Occupational Health  
Graduate School of Public Health  
University of Pittsburgh  
Pittsburgh, Pennsylvania
- 1965-1969: Instructor, Department of Occupational Health  
Institute of Public Health  
Alexandria University, Egypt

**TEACHING EXPERIENCE:**

- 1989-present: University of South Florida  
College of Public Health  
Developed and taught the following courses:  
Aerosol Technology in Industrial Hygiene  
Industrial Hygiene - Physical Agents  
Principles of Industrial Hygiene  
Industrial Ventilation  
Analytical Methods in Industrial Hygiene  
Industrial Hygiene Aspects of Plant Operations

**TEACHING EXPERIENCE: (Continued)**

Community Air Pollution  
Risk Communication

**Participated in teaching:**

Control Aspects of Industrial Hygiene  
International Health and Health Care Systems  
Environmental and Occupational Health  
Occupational Health  
Environmental and Occupational Toxicology

Served as Chairman or member of Master and Doctoral Committees,  
Students in the College of Public Health and College of Engineering

1977-1989:

Tulane University  
School of Public Health and Tropical Medicine  
Taught the following courses:  
Occupational Health  
Air Sampling and Analysis  
Physical Agents as Occupational Health Hazards

Participating in teaching:  
Survey of Environmental Health

Served as Chairman or member of Master and Doctoral Committees  
for several students in the School of Public Health and Tropical  
Medicine, and the School of Engineering, Tulane University.

1974-1976:

University of Pittsburgh  
Graduate School of Public Health  
Taught the following courses:  
Analytical Methods in Industrial Hygiene I  
Analytical Methods in Industrial Hygiene II  
Industrial Hygiene Practice  
Participated in teaching:  
Introduction to Occupational Health  
Industrial Hygiene  
Industrial Ventilation  
Air Pollution Principles  
Air Pollution Practice  
Properties of Dusts, Smokes, and Mists

1972-1974:

University of Pittsburgh  
Graduate School of Public Health  
As a Teaching Fellow, responsibilities included:

**TEACHING EXPERIENCE: (Continued)**

Preparation of laboratory sessions and experiments  
Correction of exercises and reports

1971-1973: Washington University, Dept. of Safety Sciences  
Indiana, Pennsylvania

Developed courses, library and laboratory facilities for an  
undergraduate program in Industrial Hygiene and Safety.

1965-1969: Alexandria University  
Institute of Public Health  
Alexandria, Egypt

As an Instructor, responsibilities included:  
Preparation of laboratory sessions and experiments  
Correction of exercises and laboratory reports and participated in  
teaching the field visits course

**ADMINISTRATIVE RESPONSIBILITIES**

1989-Present Director of Academic program, USF Industrial hygiene

1997-2007 Deputy Director, USF-NIOSH Education and Research Center (ERC)

1997-Present Director of Industrial Hygiene Program, USF-NIOSH Education and  
Research Center (ERC)

1998-2002 Director, USF-NIOSH Deep South Center for Agricultural Health  
and Safety (Alabama, Florida and Mississippi)

2000-Present Director of Research, USF-NIOSH Education and Research Center

2000-Present Director, USF-OSHA 21(d) Consultation Program for the State of  
Florida

2002-Present Director, USF-OSHA Training Institute

**ADMINISTRATIVE ACADEMIC RESPONSIBILITIES**

Past President, Faculty Assembly, College Of Public Health

Past Chair of the Tri-College Faculty Council for the USF Colleges of Medicine, Nursing  
and Public Health

Current Member at Large, Faculty Affairs Committee, College Of Public Health

**ADMINISTRATIVE ACADEMIC RESPONSIBILITIES : (Continued)**

Past Chair of College Steering Committee, COPH

Current Chair of Laboratory Committee

Past Member of Sabbatical Committee for USF Health

Past Member of the Professional Integrity Advisory Council, USF Health

Past COPH Faculty Liaison, USF Board of Trustees, Health Sciences & Research Workgroup

Current Member of APT Committee, EOH Department

Current Member of Curriculum Committee, EOH Department

Current Member of the Planning Committee, EOH Department

Past Chair of Appointment, Promotion and Tenure Committee, College Of Public Health

Past Chair of Faculty Affairs Committee, College Of Public Health

Past Member, Curriculum Committee, College Of Public Health

Past Member, Computer Committee, College Of Public Health

Past Member, USF Research Council

Past Member, USF Graduate Council

Past Member, USF Sabatical Committee

**SERVICE TO THE PROFESSION AND CONSULTING EXPERIENCE:**

Served as a Reviewer for Journal of Occupational and Environmental Hygiene

Served as a Reviewer for Journal of Annals of Occupational Hygiene, BSOH

Served as a Reviewer for Journal of Environmental Monitoring and Assessment

Served as a Reviewer for Journal of European Respiratory Diseases

As a Consulting Engineer, I have provided one or more of the following professional services for the agencies and firms listed below:

**SERVICE TO THE PROFESSION AND CONSULTING EXPERIENCE:**

**(Continued)**

- Evaluation of workers' exposure to noise, heat stress, airborne dusts, gases and vapors
- Evaluation of respiratory protective equipment programs
- Evaluation of ventilation systems and air pollution control equipment
- Expert testimony in public hearings, state and federal courts

**Governmental Agencies:**

U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), Washington D.C.

National Institute for Occupational Safety and Health (NIOSH), U.S. Department of Health and Human Services, Bethesda Maryland

National Institute of Environmental Health, U.S. Department of Health and Human Services, Bethesda Maryland

U.S. Environmental Protection Agency (EPA), Washington D.C.

U.S. Bureau of Mines, Washington D.C.

U.S. Department of Justice, Washington D.C.

**Industries and Legal Firms:**

List available upon request

**PUBLICATIONS:**

**ARTICLES IN JOURNALS:**

**Hammad YY**, M Corn. "Hygienic Assessment of Airborne Cotton Dust in a Textile Manufacturing Facility". Am Ind Hyg Assoc J 32:662, 1971.

Corn M, F. Stein, **YY Hammad**, S Maneckshaw, W Bell, R Freedman. "Physical and Chemical Characteristics of Respirable Coal Mine Dust". Ann NY Acad Sci 200:17, 1972.

Corn M, F. Stein, **YY Hammad**, S Maneckshaw, W Bell, R Freedman, A Harstein. "Physical and Chemical Properties of Respirable Coal Dust From Two United States Mines". Am Ind Hyg Assoc J 34:279, 1973.

Corn M, **YY Hammad**, D Whittier, N Kotsko. "Employee Exposure to Airborne Fiber and Total Particulate Matter in Two Mineral Wool Facilities". Environ Res 12:59, 1976.

Esmen NA, **YY Hammad**. "Log-normality of Environmental Sampling Data". Environ Sci and Health A12:29, 1977.

**ARTICLES IN JOURNALS: (Continued)**

Esmen NA, **YY Hammad**, M Corn, D. Whittier, N Kotsko, M Haller, RA Kahn.  
“Exposure of Employees to Man-made Mineral Fibers: Mineral Wool Production”.  
Environ Res 15:262, 1978.

Esmen NA, M Corn, **YY Hammad**, D Whittier, N Kotsko. “Summary of Measurements  
of Employee Exposure to Airborne Dust and Fiber in Sixteen Facilities Producing Man-  
made Mineral Fibers”. Am Ind Hyg Assoc J 40:108, 1979.

Esmen NA M Corn, **YY Hammad**, D Whittier, N Kotsko, M Haller, RA Kahn.  
“Exposure of Employees to Man-made Mineral Fibers; Ceramic Fiber Production”.  
Environ Res 19:265, 1979.

**Hammad YY**, H Weill, JE Diem. “Evaluation of Dust Exposure in the Asbestos Cement  
Manufacturing Operations”. Am Ind Hyg Assoc J 40:490, 1979.

Jones RN, JE Diem, H Glindmeyer, V Dharmarajan, **YY Hammad**, J Carr, H Weill.  
“Mill Effect and Dose-response Relationships in Byssinosis”. Br J Ind Med 36:305,  
1979.

**Hammad YY**, H Weill. “Evaluation of Performance of a Beta Adsorption Dust  
Monitor”. Am Ind Hyg Assoc J 41:501-507, 1980.

Jones RN, BY Butcher, **YY Hammad**, JE Diem, HW Glindmeyer, SB Lehrer, JM  
Hughes, H Weill. “Interaction of Atopy and Cotton Dust Exposure in the  
Bronchoconstrictor Response”. Br J Ind Med 37:141-146, 1980.

**Hammad YY**, V Dharmarajan, H Weill. “Sampling of Cotton Dust for Epidemiologic  
Investigations”. Chest 79S:108-113, 1981.

**Hammad YY**, J Diem, J Craighead, H Weill. “Deposition of Inhaled Man-made Mineral  
Fibers in the Lungs of Rats”. Ann Occup Hyg 26:179-187, 1982.

Hughes JM, RN Jones, JC Gibson, **YY Hammad**, B Samimi, DJ Hendrick, M Turner-  
Warwick, NJ Doll, H Weill. “Determinants of Progression in Sandblasters’ Silicosis”.  
Ann Occup Hyg 26:701-712, 1982.

Jones RN, JM Hughes, SB Lehrer, BT Butcher, HW Glindmeyer, JE Diem, **YY  
Hammad**, J Salvaggio, H Weill. “Lung Function Consequences of Exposure and  
Hypersensitivity in Workers Who Process Green Coffee Beans”. Am Rev Respir Dis  
125:199-202, 1982.

Bozelka BE, HR Gaumer, J Nordberg, **YY Hammad**, JE Salvaggio. “Alteration of  
Human Mitogenic Responses by Asbestos”. Environ Res 30:281, 1983.



**ARTICLES IN JOURNALS: (Continued)**

Bozelka BE, P Sestini, HR Gaumer, **YY Hammad**, CJ Heather, JE Salvaggio. "A Murine Model of Asbestosis". Am J Path 112:326, 1983.

Weill H, JM Hughes, **YY Hammad**, HW Glindmeyer, G Sharon, RN Jones. "Respiratory Health in Workers Exposed to Man-made Vitreous Fibers". Am Rev Respir Dis 128:104-112, 1983.

**Hammad YY**, F Rowhani. "Estimation of Lobar Minute Volume in the Rat". Am Industr Hyg Assoc J 45:351-352, 1984.

Rando R, H Abdel-Kader, **YY Hammad**. "Isomeric Composition of Airborne TDI in the Polyurethane Foam Industry". Am Industr Hyg Assoc J 45:199-203, 1984.

Rowhani F, **YY Hammad**. "Lobar Deposition of Fibers in the Rat". Am Industr Hyg Assoc J 45:436-439, 1984.

**Hammad YY**, RJ Rando, HM Abdel-Kader. "Considerations in the Design and Use of Human Inhalation Challenge Delivery Systems". Folia Allergologica et Immunologica Clinica 32: 37-44, 1985.

Rando RJ, **YY Hammad**. "Filter Collection of Airborne Permethrin With Determination by HPLC" J Liquid Chromatogr 8:1869-1880, 1985.

Rando RJ, **YY Hammad**. "Modified Mercali Method For the Determination of Total Toluene Diisocyanate in Air". Am Industr Hyg Assoc J 46:206-210, 1985.

Banks DE, HW Barkman, BT Butcher, **YY Hammad**, RJ Rando, HW Glindmeyer, RN Jones, H Weill. "Absence of Hyperresponsiveness to Methacholine in a Worker with Methylene Diphenyl Diisocyanate (MDI) Asthma" Chest 89:389-393, 1986.

Abdel-Kader HM, RJ Rando, **YY Hammad**. "Long-term Cotton Dust Exposure in the Textile Industry". Am Ind Hyg Assoc J 48:545-550, 1987.

Hughes JM, H Weill, **YY Hammad**. "Mortality of Workers Employed in Two Asbestos Cement Manufacturing Plants". Br J Med 44:161-174, 1987.

Rando RJ, H Abdel-Kader, J Hughes, **YY Hammad**. "Toluene Diisocyanate Exposures in the Flexible Polyurethane Foam Industry". Am Ind Hyg Assoc J 48:580-585, 1987.

Rando RJ, PF Duvoisin, H Abdel-Kader, **YY Hammad**. "A Sequential Tape Monitor for Toluene Diisocyanate". Am Ind Hyg Assoc J 48:574-579, 1987.

**ARTICLES IN JOURNALS : (Continued)**

Glindmeyer HW, **YY Hammad**. “Contributing Factors to Sandblasters Silicosis: Inadequate Respiratory Protection Equipment and Standards”. *J Occup Med* 30:917-921, 1988.

Jones RN, JE Diem, JM Hughes, **YY Hammad**, HW Glindmeyer, H Weill. “Progression of Asbestos Effects: a Prospective Longitudinal Study of Chest Radiographs and Lung Function”. *Br J Ind Med* 46:97-105, 1989.

Rando RJ, **Hammad YY**, SN Chang. “A Diffusive Sampler for Personal Monitoring of Toluene Diisocyanate (TDI) Exposure Part I: Design of the Dosimeter”. *Am Ind Hyg Assoc J* 50:1-7, 1989.

Rando RJ, **Hammad YY**, SN Chang. “A Diffusive Sampler for Personal Monitoring of Toluene Diisocyanate (TDI) Exposure Part II: Laboratory and Field Evaluation of the Dosimeter”. *Am Ind Hyg Assoc J* 50:8-14, 1989.

Banks DE, J Sastre, BT Butcher, E Ellis, RJ Rando, Hw Barkman, **YY Hammad**, HW Glindmeyer, and H Weill. “The Role of Inhalation Challenge Testing in the Diagnosis of Isocyanate-Induced Asthma”. *Chest* 95:414-423, 1989.

Jones RN, JE Diem, JM Hughes, **YY Hammad**, HW Glindmeyer, and H Weill. “Progression of Asbestos Effects: A Prospective Longitudinal Study of Chest Radiographs and Lung Function”. *Br J Ind Med* 46:97-105, 1989.

Rando RJ, **YY Hammad**. “A Diffusive Sampler for Gaseous Chlorine Utilizing an Aqueous Sulfamic Acid Collection Medium and Specific Ion Electrode Analysis”. *Appl Environ Occup Hyg* 5:700-706, 1990.

**Hammad YY** and B Atieh. “Short-term Pulmonary Clearance of MMMF”. *Mecanismes Des Pneumopathies Professionelles, Colloque INSERM, Vol 203, 357-363, 1991.*

Hughes JM, RN Jones, HW Glindmeyer, **YY Hammad**, H Weill. “Follow up study of workers exposed to man made mineral fibers”. *Br J Ind Med* 50:658-667, 1993.

**Hammad YY**. “The Problem of the “Sick” Building - Facts and Implications: Identifying and Measuring Indoor Nonbiologic Agents”. *J Allergy Clin Immunol* 94:389, 1994.

**Hammad YY** and B Atieh. “Long-term Clearance of Ceramic Fibers from the Guinea-pig Lungs”. *Exp Toxic Pathol* 47:192-194, 1995.

Dietrich CJ, IS Richards, TE Bernard, **YY Hammad**. “Human Stress Protein Response to Formaldehyde Exposure”. *Exp Toxic Pathol* 48:518-519, 1996.

**ARTICLES IN JOURNALS: (Continued)**

**Hammad YY.** “Evaluation of the Performance of Abrasive Blasting Respirators”. *Ann Occup Hyg* 41, Supplement 1, 673-676, 1997.

Brooks SM, **YY Hammad**, I Richards, J Giovinco-Barbas, K Jenkins. “The Spectrum of Irritant-Induced Asthma”. *Chest* 113:42-49, 1998.

Krause DJ, **YY Hammad**, Lauren Ball. “Application of a Fluorometric Method for the Detection of Mold in Indoor Environments”. *Appl Occup Environ Hyg* 18:499-503, 2003.

Krause DJ, **YY Hammad**. “Mobilization of the Flame Retardant Antimony Trioxide by Fungal Decomposition of Fiberglass Duct-board”, submitted for publication, *International Journal of the Built Environment*, 2006.

**Hammad YY**, LF Pieretti. “Performance of a Human Inhalation Challenge Exposure Systems, I Gases”, in Print, *Inhalation Toxicology*, 2011.

LF Pieretti, **Hammad YY**. “Performance of a Human Inhalation Challenge Exposure Systems, II Particulates”, Submitted for publication, *Inhalation Toxicology*, 2011.

**CHAPTERS IN BOOKS AND OTHER MONOGRAPHS:**

**Hammad YY.** “Hygienic Assessment of Airborne Cotton Dust in a Textile Manufacturing Facility”. M.Sc (Hygiene) Thesis, Graduate School of Public Health, University of Pittsburgh, Pittsburgh Pennsylvania, 1970.

**Hammad YY.** “Effect of Probe Geometry and Air Velocity on Aerosol Sampling”. D.Sc. Thesis, Graduate School of Public Health, University of Pittsburgh, Pittsburgh Pennsylvania, 1974.

**Hammad YY.** “Employee Exposure to Airborne Man-made Mineral Fibers as Guideline for Testing in Animals”. In: *Proceedings of Workshop on Development of Protocols For Testing Man-made Fibers in Animals*.

**Hammad YY**, V Dharmarajan, M Corn. “Environmental Characterization”. In: H Weill, M Turner-Warwick (eds), C Lenfant (exec ed): *Occupational Lung Diseases: Research Approaches and Methods*. Series of monographs on Lung Biology in Health and Disease. New York: Marcel Dekker, Inc., 1981.

Hendrick DJ, **YY Hammad**, JE Salvaggio. “Air Pollution and Asthma”. In: ME Gershwin (ed): *Bronchial Asthma: Principles of Diagnosis and Therapy*. New York: Grune and Stratton, Inc., 1981.

Butcher BT, **YY Hammad**, DJ Hendrick. "Occupational Asthma: Identification of the Agents". In: JBL Gee (ed): Occupational Lung Disease. New York: Churchill Livingstone, 1984: 111-140.

Jones RN, JM Hughes, **YY Hammad**, H Weill. "Sandblasting and Silicosis". In DF Goldsmith, DM Winn, CM Shy (eds): Silica, Silicosis and Cancer: Controversy in Occupational Medicine. Philadelphia: Praeger Press, 1985: 71-76.

Year Book of Occupational and Environmental Medicine. Edited by: EA Emmett, SM Brooks, AL Frank and **YY Hammad**. Year Book Medical Publishers, Inc., Chicago, IL, 1993.

**Hammad YY** and B Atieh. "Long-term Clearance of Ceramic Fibers from Guinea Pig Lungs". In: Toxic and Carcinogenic Effects of Solid Particles in the Respiratory Tract. DL Dungworth, JL Mauderly and G Oberdorster Editors. International Life Sciences Institute Press, Washington, DC, 1994.

**Hammad YY** and Y Manocha. "Principles of Exposure Assessment". In: Environmental Medicine, SM Brooks, et al (eds). Mosby-Year Book, Inc., St. Louis, MO, 1995.

Chapter 28. Man-made vitreous Fibers and Respiratory Health Effects. Thomas Truncale DO, **Y Y. Hammad**, , Occupational Lung Diseases, Edited by D. Banks In Press.

Szonntag E.L., J.C. Smyth, S.P. Mlynarek, A.J. Marty, **Y.Y. Hammad**, Atmospheric Sampling and Analysis for Chemical Agents in Occupational and Indoor Environments, Government Institutes. In Press

#### **ABSTRACTS AND PRESENTATIONS:**

Corn M, F Stein, W Bell, **Y Hammad**, S Maneckshaw. "Physical and Chemical Characterization of Respirable Coal Mine Dust for Epidemiological Investigations". In: Proceedings of XVII International Congress on Occupational Health, Session on Environmental Toxicology, Buenos Aires Argentina, 1972.

Corn M, F Stein, **YY Hammad**, S Maneckshaw, W Bell, R Freedman. "Characterization of Respirable Coal Mine Dust Samples From Different U.S. Mines". In: Proceedings of the American Industrial Hygiene Conference, San Francisco California, 1972.

**Hammad YY**, R Gaumer, H Weill. "Animal Inhalation Exposure System for Use With Asbestos". Proceedings of the International Conference on Occupational Lung Diseases, San Francisco California, 1979.

Jones RN, JE Diem, HW Glindmeyer, V Dharmarajan, **YY Hammad**, J Carr, H Weill. "Confounding of Dust Dosage and Other Variables Influencing Biologic Responses to

Cotton Dust”. In: Proceedings of International Conference on Occupational Lung Diseases, San Francisco California, 1979.

**Hammad YY**, C Reynolds, R Rando. “Pulmonary Deposition and Clearance of Mineral Wool Fibers in the Rat”. In: Proceedings of the American Industrial Hygiene Conference, Portland Oregon, 1981.

**ABSTRACTS AND PRESENTATIONS: (Continued)**

Hughes JM, RN Jones, **YY Hammad**, H Weill. “Progression of Silicosis”. National Meeting, American Lung Association/American Thoracic Society, Detroit, 1981.

Esmen NA, **YY Hammad**. “Recent Studies of the Environment in Ceramic Fiber Production”. Proceedings of Occupational Health Conference: Biological Effects of Man-made Mineral Fibers, Copenhagen Denmark, 1982.

**Hammad YY**. “Deposition and Elimination of Man-made Mineral Fibers”. Proceedings of Occupational Health Conference: Biological Effects of Man-made Mineral Fibers, Copenhagen Denmark, 1982.

**Hammad YY**, NA Esmen. “Long-term Survey of Airborne Fibers in Man-made Vitreous Fibers Operations in the U.S.A.” Proceedings of Occupational Health Conference: Biological Effects of Man-made Fibers, Copenhagen Denmark, 1982.

Hughes JM, **YY Hammad**, HW Glindmeyer, G Sharon, RN Jones, H Weill. “Study of Workers Exposed to Man-made Vitreous Fibers”. International Conference on Occupational Lung Diseases, Chicago, 1982.

Weill J, J Hughes, **YY Hammad**, H Glindmeyer, G Sharon, R Jones. “Respiratory Health of Workers Exposed to Man-made Vitreous Fibers”. Proceedings of Occupational Health Conference Biological Effects of Man-made Fibers, Copenhagen Denmark, 1982.

Hughes JM, **YY Hammad**, HW Glindmeyer, G Sharon, RN Jones, H Weill. “Respiratory Health in the Man-made Vitreous Fiber Industry”. National Meeting, American Lung Association/American Thoracic Society, Kansas City, 1983.

Barkman HW, DE Banks, DJ Hendrick, RN Jones, H Abdel-Kader, **YY Hammad**, HW Glindmeyer, H Weill. “Inhalation Challenge Testing with 2,4 and 2,4 Toluene Diisocyanate Isomers” American College of Chest Physicians, Dallas, 1984.

**Hammad YY**. “Assessing Exposures to Airborne Contaminants”. American Association for Clinical Immunology and Allergy, New Orleans, 1984.

**Hammad YY**, W Simmons, H Abdel-Kader, C Reynolds, H Weill. “Effect of Chemical Composition on Pulmonary Clearance of Man-made Fibers”. The British Occupational

Hygiene Society Sixth International Symposium on Inhaled Particles, Cambridge, U.K., 1985.

Bozelka BE, **YY Hammad**, H Abdel-Kader, C Reynolds, JE Morgan, H Weill. "Silica-induced Lipoproteinosis in the Rat: Progression to Granulomatous Lung Disease". American Lung Association/American Thoracic Society, Kansas City Missouri, 1986.

**ABSTRACTS AND PRESENTATIONS: (Continued)**

**Hammad Y**, W Simmons, H Abdel-Kader, H Weill. "Chemical Composition and Pulmonary Clearance of Man-made Mineral Fibers (MMMF)". American Lung Association/American Thoracic Society, Kansas City Missouri, 1986.

Hughes JM, **YY Hammad**, H Weill. "Mesothelioma Risk in Relation to Duration and type of Asbestos Fiber Exposure". American Lung Association/American Thoracic Society, Kansas City Missouri, 1986.

**Hammad YY**, RJ Rando, HM Abdel-Kader. "Design and Evaluation of the Performance of a Human Inhalation Challenge Chamber". American Lung Association/American Thoracic Society, New Orleans Louisiana, 1987.

Hughes JM, RN Jones, HM Glindmeyer, **YY Hammad**, H Weill. "Assessment of Lung Function Consequences of Asbestos-related Disease". American Lung Association/American Thoracic Society, New Orleans Louisiana, 1987.

Sastre J, DE Banks, E Ellis, HW Barkman, BT Butcher, **YY Hammad**, RJ Rando, HW Glindmeyer. "Isocyanate-induced Asthma: Review of 62 Challenge Tests" American Lung Association/American Thoracic Society, New Orleans Louisiana, 1987.

**Hammad YY**, HM Abdel-Kader, BE Bozelka, C Reynolds, S Strasma, SS Que Hee. "Experimental Pneumoconiosis of Sandblasting Substitutes". Presented at the American Industrial Hygiene Conference, Montreal Canada, 1987.

Rando RJ, **YY Hammad**, SN Chang. "Development of a Passive Dosimeter for Toluene Diisocyanate". Presented at the American Industrial Hygiene Conference, Montreal Canada, 1987.

Abdel-Kader HM, **YY Hammad**. "Distribution of Silica Dust Administered by Intratracheal Injection and Inhalation in Rat Lungs". Presented at the American Industrial Hygiene Conference, Montreal Canada, 1987.

Abdel-Kader HM, **YY Hammad**, C Reynolds, S Strasma, P Siegel. "Relationship Between the Inhaled Dose of Silica and Collagen Content in the Lungs of the Rat". Presented at the American Industrial Hygiene Conference, San Francisco California, May 15-20, 1988.

Abdel-Kader HM, **YY Hammad**, C Reynolds, S Strasma. "Evaluation of Collagen Content in the Lungs of Rats Exposed to Sandblasting Substitutes". Presented at the American Industrial Hygiene Conference, San Francisco California, May 15-20, 1988.

Rando RJ, **YY Hammad**. "Production of Diisocyanate Atmospheres For Use in Inhalation Challenge Testing". Presenting at the American Industrial Hygiene Conference, San Francisco California, May 15-20, 1988.

**ABSTRACTS AND PRESENTATIONS: (Continued)**

Rando RJ, **YY Hammad**. "Development of a Passive Diffusive Sampler For Airborne Chlorine". Presented at the American Industrial Hygiene Conference, San Francisco California, May 15-20, 1988.

**Hammad YY**. "The concept of Respirable Dust: Is There a Need For Reevaluation?". Presented at the American Industrial Hygiene Conference, San Francisco California, May 15-20, 1988.

**Hammad YY**, M Ghiasseddin, HM Abdel-Kader. "A More Rational Method For Sampling of Airborne Fibrogen Dust". Presented at the American Industrial Hygiene Conference, San Francisco California, May 15-20, 1988.

**Hammad Y**, H Abdel-Kader, B Bozelka, J Lefante, C Reynolds. "Dose-response Relationships in Pneumoconiosis". Presented at the VII International Pneumoconioses Conference, Pittsburgh Pennsylvania, August 23-26, 1988.

**Hammad Y**, M Ghiasseddin, H Abdel-Kader. "A New Fibrogenic Dust Sampling Method for Epidemiology of Pneumoconiosis". Presented at the VII International Pneumoconioses Conference, Pittsburgh Pennsylvania, August 23-26, 1988.

**Hammad Y**, B Bozelka, H Abdel-Kader, C Reynolds. "Evaluation of the Fibrogenic Potential of Sandblasting Substitutes". Presented at the VII International Pneumoconiosis Conferences, Pittsburgh Pennsylvania, August 23-26, 1988.

Banks DE, JE Morgan, **YY Hammad**. "Immunologic Features of the Bronchoalveolar Lavage Fluid of Rats With Silico-proteinosis" Presented at the VIIth International Pneumoconioses Conference, Pittsburgh Pennsylvania, August 23-26, 1988.

Banks DE, JE Morgan, **YY Hammad**. "The Distribution of Lymphocytes and Lymphocyte Phenotype Suggests Silico-proteinosis is Not a Systemic Disease". Presented at the VIIth International Pneumoconiosis Conference, Pittsburgh Pennsylvania, August 23-26, 1988.

Abdel-Kader H, J Lefante, RJ Rando, and **YY Hammad**. "Comparative Study Between Vertical Elutriator and Continuous Aerosol Monitor in the Cotton Textile Industry".

Presented at the American Industrial Hygiene Conference, St. Louis Missouri, May 21-26, 1989.

**Hammad YY**, H Abdel-Kader, B Bozelka, J Lefante, and C. Reynolds. "Calculation of the Effective Dose for Fibrogenic Aerosols". Presented at the American Industrial Hygiene Conference, St. Louis Missouri, May 21-26, 1989.

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