

CURRICULUM VITAE

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BACKGROUND:

Education and Training

Postgraduate

1985-1988	Subspecialty fellowship (Pulmonary Diseases) Department of Medicine Baylor College of Medicine. Houston, Texas
1983-1985	Residency (Internal Medicine) Department of Medicine Baylor College of Medicine Houston, Texas
1982-1983	Internship (Internal Medicine) Department of Medicine Baylor College of Medicine Houston, Texas
1981-1982	Postdoctoral fellowship Department of Community Medicine Baylor College of Medicine Houston, Texas

Undergraduate/Graduate

- 2001-present **Doctoral candidate**
Ph.D. Program in Health and Life Sciences
 Departament de Ciències Experimentals i de la Salut
 Universitat Pompeu Fabra
 Barcelona, Catalunya
- 1988 **Master of Public Health**
 Occupational and Environmental Health Module
 University of Texas School of Public Health
 Houston, Texas
 Thesis: “*A descriptive study of asbestos-exposed subjects referred for independent medical examination*”.
- 1981 **M.D. degree (Honors)**
 University of Barcelona School of Medicine.
 Barcelona, Spain

Secondary Education

- 1974 **U.S. High School Diploma (Honors)**
 Strake Jesuit College Preparatory
 Houston, Texas
- 1974 **Spanish Secondary Studies Diploma**
 I.N.E.M. Alfonso II "El Casto"
 Oviedo, Spain

Medical Licenses

- 1983-present Texas State Board of Medical Examiners license #G4971.
 1981-2002 Col.legi Oficial de Metges de Tarragona, Spain.

Board Certifications

- 1990 American Board of Preventive Medicine
 (Occupational Medicine).
 1988 American Board of Internal Medicine (Pulmonary Diseases).
 1985 American Board of Internal Medicine.

Other Certifications

- 2004 Diploma de Estudios Avanzados (Advanced Research Studies
 Diploma). Universitat Pompeu Fabra. Spain.
 2003 Approved Doctor List, Level 2. Texas Workers' Compensation
 Commission. Expires 2008.
 1987 National Institute for Occupational Safety and Health (NIOSH)-
 certified 'B' Reader. Recertified: 1991, 1995, 1999, 2003.
 Expires 2007.

- 1987 Certified Spirometry Technician. NIOSH-approved course, No. 21.
- 1983 U.S. Federal Licensing Examination (FLEX).
- 1981 Certificate of the Educational Commission on Foreign Medical Graduates (ECFMG).

Honors and Awards

- 2003 International and National Honors in Community Service. University of Texas Houston Health Science Center Honors Convocation
- 2003 Guide to America's Top Physicians. Consumer Research Council of America.
- 2001 Student Marshall. 2000-2001 Convocation Ceremony. University of Texas School of Public Health.
- 1998 Harriett Cunningham Award of Excellence. Texas Medicine Editorial Committee.
- 1994-2001 Peer Recognition for Outstanding Scholarship. University of Texas Houston Health Science Center Honors Convocation.
- 1994-present Honorary Member. Societat Catalana d'Higiene i Medicina del Treball.
- 1991-present Fellow. American College of Chest Physicians.
- 1989 Dupont Young Investigator Award (Occupational and Environmental Health). American College of Chest Physicians.
- 1988 Dupont Young Investigator Award (Occupational and Environmental Health). American College of Chest Physicians.

Academic Appointments

- 2005-present **Professor of Occupational Medicine (with tenure).** The University of Texas-Houston Health Science Center School of Public Health.
- 1999-2005 **Associate Professor of Occupational Medicine (with tenure).** The University of Texas-Houston Health Science Center School of Public Health.
- 2005-present **Clinical Assistant Professor (non-tenure track).** Department of Preventive Medicine and Community Health. The University of Texas Medical Branch at Galveston.
- 1999-present **Clinical Associate Professor of Medicine (clinical faculty).** Baylor College of Medicine.
- 1995-present **Associate Professor (cross-appointment).** The University of Texas-Houston Health Science Center School of Nursing.
- 1997-present. **Associate Professor (adjunct appointment).** Department of Industrial Engineering. University of Houston Cullen College of Engineering.
- 2004-2005 **Visiting Scientist.** Occupational Health Research Unit. Department of Experimental and Health Sciences. Pompeu Fabra University. Barcelona, Spain.

- 1993-1999 **Associate Professor of Occupational Medicine** (tenure-track). The University of Texas-Houston Health Science Center School of Public Health.
- 1989-1992 **Assistant Professor of Epidemiology and Occupational Medicine** (non-tenure track). The University of Texas-Houston Health Science Center School of Public Health.
- 1988-1999 **Clinical Assistant Professor of Medicine.** Baylor College of Medicine.
- 1986-1987 **Research Fellow.** American Lung Association/San Jacinto Chapter (funded). Pulmonary and Critical Care Section, Department of Internal Medicine. Baylor College of Medicine.
- 1984 **Fellow.** Tenth US Seminar on the Epidemiology and Prevention of Cardiovascular Diseases. American Heart Association (funded).

Professional/Administrative Experience

- 2004-present **Director.** Division of Environmental and Occupational Health Sciences. University of Texas Health Science Center at Houston School of Public Health.
- 1997-2006 **Director.** Southwest Center for Occupational and Environmental Health (a NIOSH Education and Research Center). University of Texas Houston Health Science Center School of Public Health.
- 2006-present **Deputy Director.** Southwest Center for Occupational and Environmental Health (a NIOSH Education and Research Center). University of Texas Houston Health Science Center School of Public Health.
- 1992-present **Director.** World Health Organization Collaborating Centre in Occupational Health. University of Texas Houston Health Science Center School of Public Health.
- 1992-present **Medical Director.** University of Texas Health Services clinic.
- 1998-present **Associate Director.** Occupational and Environmental Medicine Residency Program. University of Texas - Houston Health Science Center School of Public Health.
- 1995-2004 **Director.** International Occupational and Environmental Health Training Program (a NIEHS/Fogarty International Center/NCEH/NIOSH International Training Center). University of Texas Houston Health Science Center School of Public Health.
- 1993-present **Consulting physician.** Respiratory Consultants of Houston, P.A.
- 2003-present **Consulting Medical Director.** Coca Cola Bottling Company (Houston site) (through the University of Texas Health Services clinic).
- 2003-present **Consulting Medical Director.** Stericycle Incorporated (through the University of Texas Health Services clinic).
- 2003-2005 **Medical Consultant.** OMR (through the University of Texas Health Services clinic).
- 1989-present **Co-Director.** NIOSH-Approved Spirometry Technician Certification Course #91.

1988-present	Medical Consultant. OMI, Inc. (through the University of Texas Health Services clinic).
1988-present	Consulting Medical Director. Texas Children's Hospital Employee Health Services. 1988 – present.
1995-2005	Co-Director. Joint University of Texas/Baylor College of Medicine Combined General Internal Medicine/Occupational Medicine Residency Training Track.
1994-present	Medical Operations Consultant (Astronaut Fitness Standards). NASA/Johnson Space Center.
1993-1997	Deputy Director. Southwest Center for Occupational and Environmental Health (a NIOSH Education and Research Center).
1993-1998; 2006-present	Director. Occupational and Environmental Medicine Residency Program. University of Texas - Houston Health Science Center School of Public Health.
1989-1992	Associate Director. Occupational Medicine Residency Program. University of Texas School of Public Health.
1988-1993	Physician (private practice). Respiratory Consultants of Houston.
1997-1998	Consulting Medical Advisor. Union Texas Petroleum (through the University of Texas Health Services clinic).
1985-1988	Physician. Tuberculosis Control. Texas Department of Health.
1987-1988	Physician. Harris County Hospital District Immunological Disorders Clinic. 1987 – 1988.
1988-1989	Lecturer. National Institute for Occupational Safety and Health (NIOSH) - approved Spirometric Technician Certification Course #21. Director: R. Keith Wilson, M.D.
1988-1994	Medical Consultant in Occupational Health. City of Bellaire.

RESEARCH EXPERIENCE:

Asterisk () indicates student author.*

Publications (Peer-reviewed Journals and Reports):

1. Pratt CM, **Delclos G**, Wierman AM, et al., " The changing baseline of complex ventricular arrhythmias: a new consideration in assessing long-term antiarrhythmic drug therapy". New England Journal of Medicine 1985; 313: 1444-9.
2. **Delclos G**, Davila F. "Thrombolytic therapy for pulmonary embolism in pregnancy". American Journal of Obstetrics and Gynecology 1986; 155 (2): 375-376.
3. **Delclos G**, Flitcraft D, Brousseau K, Windsor N, Nelson D, Wilson RK, Lawrence EC. "Bronchoalveolar lavage analysis, gallium-67 lung scanning and soluble interleukin-2 receptor levels in asbestos exposure". Environmental Research 1989; 48:164.

4. **Delclos G**, Buffler PA, Greenberg SD, Key MM, Perrotta DM, Alexander C, Wilson RK. "Asbestos-associated diseases: a review" Texas Medicine 1989; 85:50.
5. **Delclos G**, Wilson RK, Bradley BL. "The influence of smoking on radiographic profusion and pleural changes in referred asbestos- exposed subjects". Journal of Occupational Medicine 1990;32:577.
6. Collaborator. "Silicosis: cluster in sandblasters - Texas, and Occupational Surveillance for silicosis". Morbidity and Mortality Weekly Report. 1990;39(25):433.
7. Rothstein M, Cooper S, Warneke C, Austin A, Craig SG, Kohlhase JE, Palumbo M, Bollom D, Burau K, **Delclos G**, Fletcher D, Garcia K, Parker P, Whitehead L."Occupational illness and injury in Texas. Report to the Texas Legislature". University of Houston Health Law and Policy Institute: March 1993.
8. Cooper SP, Downs T, Burau K, Buffler PA, Tucker S, Whitehead L. Wood S, **Delclos G**, Huang B*, Davidson T, Key M. "A survey of keratoses among paraquat production workers and a nonexposed friend reference group". American Journal of Industrial Medicine 1994;25:335-47.
9. **Delclos G**. "Función respiratoria en trabajadores con exposición combinada a asbesto y tabaco" [Respiratory function in workers with exposure to asbestos and tobacco]. Salud de los Trabajadores 1995;3:51-57.
10. Gershon, RRM, Vlahov D, Felknor SA, Vesley D, Johnson PC, **Delclos GL**, Murphy LR. "Compliance with universal precautions among health care workers at three regional hospitals". American Journal of Infection Control 1995;23:225-236.
11. Wu X*, **Delclos GL**, Annegers JF, Bondy ML, Henry B, Hsu, TC, Spitz MR. "A case-control study of wood dust exposure, mutagen sensitivity and lung cancer risk". Cancer Epidemiology, Biomarkers and Prevention 1995;4:583-588.
12. Pladevall-Vila M*, **Delclos GL**, Varas C, Guyer H, Brugues-Tarradellas J, Anglada-Arisa A. "Controversy of oral contraceptives and risk of rheumatoid arthritis. Meta-analysis of conflicting studies and review of conflicting meta-analyses with special emphasis on analysis of heterogeneity". American Journal of Epidemiology 1996;144:1-14.
13. Wu X*, Spitz MR, **Delclos GL**, Connor TH, Siciliano MJ, Hsu TC. "Survival of cells with bleomycin-induced chromosomal lesions in the cultured lymphocytes of lung cancer patients". Cancer Epidemiology, Biomarkers and Prevention 1996;5:527-532.
14. **Delclos GL**. "Respiratory hazards of health-care workers". Pulmonary and Critical Care Update 1996;11:1-8.
15. Lawrence LW*, Felknor SA, Johnson PC, Frankowski R, Cooper SP, Davidson A, **Delclos GL**. "The effectiveness of a needleless intravenous connection system: an assessment by injury rate and user satisfaction". Infection Control and Hospital Epidemiology 1997; 18: 175-182.
16. Michalsen A*, **Delclos GL**, Felknor SA, Davidson AL, Johnson PC, Vesley D, Murphy LR, Kelen GD, Gershon RRM. "Compliance with universal precautions among physicians". Journal of Occupational and Environmental Medicine 1997; 39: 130-137.
17. Kelly NR*, Kirkland RT, Holmes SA, **Delclos G**, Kozinetz CA. "Assessing parental utilization of the poison center: an emergency center-based survey". Clinical Pediatrics 1997; 36: 467-473.

18. Wu X, Shi H, Jiang H, Kemp B, Hong WK, **Delclos GL**, Spitz MR. "Associations between cytochrome P4502E1 genotype, mutagen sensitivity, cigarette smoking and susceptibility to lung cancer". Carcinogenesis 1997; 18: 967-973.
19. Burau KD, Huang B*, Whitehead LW, **Delclos GL**, Downs TD. "A system linking occupational history questionnaire data and magnetic field monitoring data". Journal of Exposure Analysis and Environmental Epidemiology 1998;8:231-252.
20. Zarr R*, Heitman E, **Delclos G**, Dinh TA, Kerr G. "Tuberculosis in the state of Texas: issues and problems in surveillance". Texas Medicine 1998; 94(8): 50-56.
21. Co-author. "ACOEM Guidelines for protecting health care workers against tuberculosis". Report of the ACOEM Committee on Occupational and Environmental Lung Disorders. Journal of Occupational and Environmental Medicine 1998; 40: 765-767.
22. Lin H*, Bondy ML, Langford LA, Hess KR, **Delclos GL**, Wu X, Chan W, Pershouse MA, Yung WKA, Steck PA. "Allelic deletion analyses of MAC/PTEN and DMBT1 loci in gliomas: relationship to prognostic significance". Clinical Cancer Research 1998; 4: 2447-2454.
23. Emery R*, **Delclos G**, Cooper SP, Hardy R. "Evaluating the relative status of health and safety programs for minority academic and research institutions". American Industrial Hygiene Association Journal 1998; 59: 882-888.
24. **Delclos GL**, Felknor SA, Morandi MT, Schulze LJ, Sánchez Tovar L, Yanes, L. "The role of information dissemination in sustainability of international partnerships". International Journal of Occupational and Environmental Health 1999; 5: 203-208.
25. Felknor SA, Aday, LA, Burau K, **Delclos G**, Kapadia AS. "Assessment of safety climate and its association with injuries and safety practices in public hospitals in Costa Rica". International Journal of Occupational and Environmental Health 2000; 6: 18-25.
26. Townsend MC. Lockey JE. Velez H. Carson AI. Cowl CT. **Delclos GL**. Gerstenhaber BJ. Harber PI. Horvath EP. Jolly AT. Jones SH. Knackmuhs GG. Lindesmith LA. Markham TN. Raymond LW. Rosenberg DM. Sherson D. Smith DD. Wintermeyer SF. "Spirometry in the occupational setting". Report of the ACOEM Committee on Occupational and Environmental Lung Disorders. Journal of Occupational and Environmental Medicine 2000; 42: 228-245.
27. Schabath MB*, Wu X, **Delclos GL**, Spitz MR. "Genetic variants in myeloperoxidase (MPO) and lung cancer risk in Caucasians" Carcinogenesis 2000;21:1163-1166.
28. Shah SM*, Arif AA*, **Delclos GL**, Khan AR, Khan A. Prevalence and correlates of smoking on the roof of the world. Heart (British Cardiac Society: Online) 2001;10: E1.
29. **Delclós J**. "La salud laboral en los países hispanohablantes: una oportunidad más para la colaboración interdisciplinaria" [Occupational health in Spanish-speaking countries: one more opportunity for interdisciplinary collaboration]. Archivos de Prevención de los Riesgos Laborales 2001; 4: 3-5.
30. Schulze LJH, **Delclos GL**, Pingley N*. "Integrated Job Analysis (IJA): A Technique to Document Job Activities, Identify Occupational Risk Factors and Modes of Remediation and Accommodation". International Journal of Occupational and Environmental Health 2001;7: 222-229.

31. Arif AA*, **Delclos GL**, Whitehead LW, Tortolero SR, Lee ES. Prevalence and risk factors of work-related asthma by industry among U.S. Workers: Data from the Third National Health and Nutrition Examination Survey (1988-1994). Occupational and Environmental Medicine 2002; 59: 505-511.
32. Schabath MB*, Spitz MR, Hong WK, **Delclos GL**, Reynolds WF, Gunn GB, Whitehead LW, Wu X. A myeloperoxidase polymorphism associated with reduced risk of lung cancer. Lung Cancer 2002; 37: 35-40.
33. Schabath MB*, Spitz MR, Hong WK, **Delclos GL**, Reynolds WF, Gunn GB, Whitehead LW, Wu X. A genetic polymorphism associated with the myeloperoxidase (*MPO*) gene and reduced risk of lung cancer. American Journal of Industrial Medicine 2002; 42: 29-37.
34. Benavides FG, Perez G, Gispert R y el Grupo de Expertos*. “Revisión de las fuentes de datos disponibles y propuesta de indicadores de vigilancia de la salud laboral” [A review of existing data sources and a proposal for new indicators in occupational health surveillance]. Archivos de Prevención de los Riesgos Laborales 2002; 5: 62-67. (*) Co-author on the expert panel.
35. **Delclós J**. “A propósito de...dos casos de asma laboral”[Two case reports on occupational asthma]. Archivos de Prevencion de los Riesgos Laborales 2002; 5: 127-129.
36. Alvarado-Ramy F, Beltrami EM, Short LJ, Srivastava MS, Henry K, Mendelson M, Gerberding JL, **Delclos GL**, Campbell S, Solomon R, Fahrner R, Culver DH, Bell D, Cardo DM, Chamberland ME. A comprehensive approach to percutaneous injury prevention: the experience of ten U.S. hospitals, 1993-1995. Infection Control and Hospital Epidemiology 2003; 24: 97-104.
37. Felknor SA, **Delclos GL**, Lerner SP, Burau KD, Wood SM, Lusk CM, Jalayer A. Bladder cancer screening program for a petrochemical cohort with potential exposure to beta-naphthylamine. Journal of Occupational and Environmental Medicine 2003;45:289-294.
38. Arif AA*, **Delclos GL**, Lee Eun Sul, Totolero SR, Whitehead, LW. Prevalence and risk factors of asthma and wheezing among US adults: The National Health and Nutrition Examination Survey III, 1988-1994. European Respiratory Journal 2003; 21: 827-833.
39. **Delclós J**, Betancourt O, Marqués F, Tovalín H*. Globalización y salud laboral [Globalization and occupational health] Archivos de Prevencion de los Riesgos Laborales 2003; 6: 4-9.
40. Benavides FG, **Delclos GL**, Cooper SP, Benach J. Fatal occupational injuries in the United States of America and the European Union: similarities and differences. American Journal of Industrial Medicine 2003; 44: 385-391.
41. Arif AA*, **Delclos GL**, Whitehead LW, Tortolero SR, Lee ES. Occupational exposures associated with work-related asthma and work-related wheezing among U.S. workers. American Journal of Industrial Medicine 2003; 44: 368-376.
42. Benavides FG, Giráldez MT, Castejón E, Catot N, Zaplana M, **Delclós J**, Benach J, Gimeno D. Análisis de los mecanismos de producción de las lesiones leves por accidentes de trabajo en la construcción en España. [An análisis of the causes of nonfatal occupational injuries in the Spanish construction sector] Gaceta Sanitaria 2003;17: 353-359.

43. Cuervo CA, Sarmiento A, Quintana L, Schulze LJH, **Delclos G**. Determination of the maximum peak forces in the activities of pushing and pulling by experienced female workers in Colombia. International Journal of Industrial Engineering 2003; 10: 600-606.
44. Benavides FG, Catot N, Giraldez MT, Castejon E, **Delclos J**. Comparación de la incidencia de lesiones por accidente de trabajo según la Encuesta de Población Activa y el Registro de Afiliados a la Seguridad Social. [A comparison of the incidence of occupational injuries according to the Active Workforce Survey and the Social Security Registry in Spain] Archivos de Prevencion de los Riesgos Laborales 2004; 7: 16-21.
45. Benavides FG, Castejón E, Giraldes MT, Catot N, **Delclós J**. Lesiones por accidentes de trabajo en España: comparación entre las Comunidades Autónomas en 1989, 1993 y 2000. [Occupational injuries in Spain: a comparison among regional autonomies in 1989, 1993 and 2000] Revista Española de Salud Pública 2004; 78: 583-591.
46. Felknor SA, Sequeira LF, Weinger M, Burau KD, de Mezerville L, **Delclos G**. Worker safety training in public hospitals in Costa Rica. International Journal of Occupational and Environmental Health 2004;10(4):445-450.
47. Schabath MB*, Grossman HB, **Delclos GL**, Hernandez LM, Day RS, Davis BR, Lerner SP, Spitz MR, and Wu X. Dietary carotenoids, genetic instability, and bladder cancer risk. Journal of Nutrition, 2004; 134:3362-3369.
48. Grimes RM, Erickson DS, **Delclos GL**, Lahart C. Lugar de residencia al momento de la infección por HIV en inmigrantes de América Latina que habitan en Houston Texas, Estados Unidos [Residence at time of HIV infection for Latin American Immigrants to Houston Texas USA] SIIC Salud. Primera edición: 11 de Noviembre, 2004. Found at <http://www.siicsalud.com/dato/dat040/04n03012.htm>.
49. Schabath MG, **Delclos GL**, Barcenas C, Wu X, Spitz MR. Opposing effects of emphysema, hay fever, and select genetic variants on lung cancer risk. American Journal of Epidemiology 2005;161:412-422.
50. Emery RJ, **Delclos GL**. World at Work: Research and Testing Laboratories. Spotlight on a diverse industry. Occupational and Environmental Medicine 2005;62:200-204.
51. **Delclos GL**, Bright KA*, Carson AI, Felknor SA, Mackey TA, Morandi MT, Schulze LJH, Whitehead LW. A global survey of occupational health competencies and curriculum. International Journal of Occupational and Environmental Health 2005; 11: 185-198.
52. Gimeno D, Felknor SA, Burau KD, **Delclos GL**. "Organisational and occupational risk factors associated with work-related injuries among public hospital employees in Costa Rica". Occupational and Environmental Medicine 2005; 62: 337-343.
53. Zhao H*, Grossman HB, **Delclos GL**, Hwang L, Troisi CL, Chamberlain RM, Chenoweth MA, Zhang H, Spitz MR, Wu X. "Increased plasma levels of angiogenin and risk of bladder cancer: from initiation to recurrence" Cancer 2005; 104: 30-35.
54. Schabath MB*, **Delclos GL**, Grossman HB, Wang Y, Lerner SP, Spitz MR, Chamberlain RM, Wu X. Polymorphisms in XPD exons 10 and 23 and bladder cancer risk. Cancer Epidemiology Biomarkers & Prevention 2005 Apr;14:878-884.

55. Barcenas CH*, **Delclos GL**, El-Zein R, Tortolero-Luna G, Whitehead LW, Spitz MR. Wood dust exposure and the association with lung cancer risk. American Journal of Industrial Medicine 2005;47: 349-357.
56. Benavides FG, **Delclos GL**. Flexible employment and health [Editorial]. Journal of Epidemiology and Community Health 2005; 59: 719-720.
57. Du XL, Chan W, Giordano S, Geraci JM, **Delclos GL**, Burau K, Fang S. Variation in modes of chemotherapy administration for breast cancer and association with hospitalization for chemotherapy-related toxicity. Cancer 2005; 104: 913-924.
58. Du XL, Key CR, Dickie L, Darling R, **Delclos GL**, Waller K, Zhang D. Information on chemotherapy and hormone therapy from tumor registry had moderate agreement with chart review. Journal of Clinical Epidemiology 2006; 59: 53–60.
59. Arif AA, Rohre JE, **Delclos GL**. A population-based study of asthma, quality of life, and occupations among the elderly. BMC Public Health 2005; 5: 97. Available online from <http://www.biomedcentral.com/1471-2458/5/97> .
60. **Delclos GL**, Arif AA, Aday LA, Bartholomew LK, Carson AI, Lai D, Lusk C, Stock T, Symanski E, Whitehead LW, Benavides FG, Antó JM. A validated asthma questionnaire for healthcare workers. Occupational and Environmental Medicine 2006; 63:173-179.
61. Benavides FG, Benach J, Muntaner C, **Delclos GL**, Catot N, Amable M. Associations between temporary employment and occupational injury: what are the mechanisms? Occupational and Environmental Medicine 2006; 63: 416-421.
62. Porsa E, Cheng L, Seale MM, **Delclos GL**, Ma X, Reich R, Musser JM, Graviss EA. Comparison of a new ESAT-6/CFP-10 peptide-based gamma interferon assay and a tuberculin skin test for tuberculosis screening in a moderate-risk population. Clinical and Vaccine Immunology 2006; 13:53-58.
63. Schabath MB, Spitz MR, Lerner SP, Pillow PC, **Delclos GL**, Grossman HB, Wu X. Case-control analysis of dietary folate and risk of bladder cancer. Nutrition and Cancer 53(2):144-51, 2005.
64. Savely SM, Carson AI, **Delclos GL**. A survey of the implementation status of environmental management in U.S. colleges and universities. Journal of Cleaner Production 2006 [in press].
65. Savely SM, Carson AI, **Delclos GL**. An environmental management system implementation model for U.S. colleges and universities. Journal of Cleaner Production 2006 [in press].
66. Shipp EM, Cooper SP, del Junco DD, **Delclos GL**, Burau KD, Tortolero SR. Severe back pain among farmworker high school students from starr county, texas: baseline results. Annals of Epidemiology [accepted].
67. Olfert SM, Felknor SA, **Delclos GL**. An updated review of the literature: risk factors for bladder cancer with focus on occupational exposure to beta-naphthylamine. Southern Medical Journal [accepted].
68. Benavides FG, **Delclos J**, Benach J, Serra C. Lesiones por accidente de trabajo, una prioridad en salud pública. Revista Española de Salud Pública 2006; 80: 553-565.
69. Serra C, Rodriguez MC, **Delclos GL**, Plana M, Gómez López L, Benavides FG. Systematic review of criteria and methods used for the assessment of fitness for work. Occupational and Environmental Medicine [in press].

71. Garcia A, Ballester M, **Delclos J**. Formación e información en Archivos [editorial]. Archivos de Prevención de los Riesgos Laborales 2006; 9: 107-108.

Manuscripts under Review:

1. Felknor SA, **Delclos GL**, Gimeno D, Wesseling I, Monge P, Chavez J, Quintana L, Schulze LJH. Funding of pilot projects in Latin America: a tool for capacity-building in occupational health research. International Journal of Occupational and Environmental Health [submitted].
2. Shipp EM*, Cooper SP, del Junco DJ, **Delclos GL**, Burau KD, Tortolero S, Whitworth RE. Chronic back pain among migrant farmworker families from Starr County, Texas. Occupational and Environmental Medicine [submitted].
3. Lusk CM, **Delclos GL**, Burau KD, Drawhorn DD, Aday LA. Mail versus internet surveys: determinants of method of response among health professionals. Evaluation & the Health Professions [submitted].
4. Lai D, Arif AA, **Delclos GL**. A comparative study of three classification procedures: asthma among healthcare professionals in Texas. Journal of Applied Statistics [submitted].
5. **Delclos GL**, Gimeno D, Arif AA, Burau KD, Carson A, Lusk C, Stock T, Symanski E, Whitehead LW, Zock JP, Benavides FG, Antó JM. Occupational risk factors and asthma among healthcare professionals. American Journal of Respiratory and Critical Care Medicine [provisionally accepted].

Technical reports and proceedings

1. **Delclos G**. "A descriptive study of asbestos-exposed subjects referred for independent medical examination". M.P.H. thesis. The University of Texas Health Science Center at Houston, School of Public Health. May 1988.
2. Tan M, Degioanni J, Davis J, Weir F, Wilson RK, Calkins D, Lam C, Coleman M, Pierson D, **Delclos G**, Casar G, Brown R, Summerhill S, King K. "Effects on humans of inhalation of 1% Halon 1301 for twenty-four hours." National Aeronautics and Space Administration. August 1989.
3. **Delclos G**, Wilson RK, Bradley BL. "Interobserver variability using the 1980 ILO Classification in referred asbestos workers". Proceedings of the VIIth International Pneumoconiosis Conference. U.S. Department of Health and Human Services (NIOSH) Pub. 90-108:960.
4. Cooper S, Downs T, Burau K, Tucker S, Whitehead L, **Delclos G**, Key M, Huang B, Davidson T, Buffler P. "A survey of keratoses among paraquat production workers and a nonexposed friend reference group". Proceedings of the 9th International Symposium in Epidemiology in Occupational Health. International Commission on Occupational Health. Cincinnati, Ohio: September 23-25, 1992.
5. **Delclos G**. "Formación y ejercicio de la medicina ocupacional en Estados Unidos: 1993"[Occupational medicine training and practice in the United States: 1993]. Proceedings of the Third National and First Ibero-American Congress on Occupational Medicine and Hygiene at Work. Valladolid, Spain: June 1993.
6. **Delclos GL**, Burau KD, Carson AI, Felknor SA, Morandi MT, Guevara E, Murray K. "Estudio transversal de trabajadores con exposición potencial a

- hidrocarburos aromaticos" [A cross-sectional study of Colombian workers with potencial exposure to aromatic hydrocarbons]. Pan American Health Organization: July 1996.
7. Collaborator on the WHO Document "A global strategy towards health at work", prepared by the Network of WHO Collaborating Centres in Occupational Health in Beijing, China. October 11-14, 1994.
 8. Collaborator. NIOSH Technical Report on Design, Selection, Evaluation and Placement of Sharps Containers. NIOSH/DHHS 1997, Publ. 97-111.
 9. Collaborator. MSHA/NIOSH: "Una guía para trabajar sin peligro con sílice"[Guidelines for working safely with silica]. 1997.
 10. Collaborator. MSHA/NIOSH: "Claves para la prevención de la silicosis" [Key concepts in the prevention of silicosis]. 1997.
 11. **Delclos G.** "Protocolo de Control de Calidad en la Espirometría"[Quality assurance in spirometry]. XX Congreso Nacional de Medicina del Trabajo. Revista de la Sociedad Colombiana de Medicina del Trabajo 2000; 3: 9-10.
 12. **Delclos G.** "Pruebas de Detección Precoz ("Screening") de Patología Respiratoria" [Screening for occupational lung disease]. XX Congreso Nacional de Medicina del Trabajo. Revista de la Sociedad Colombiana de Medicina del Trabajo 2000; 3: 10-11.
 13. **Delclos G.** "Cáncer y Neumoconiosis"[Cancer and pneumoconioses]. XX Congreso Nacional de Medicina del Trabajo. Revista de la Sociedad Colombiana de Medicina del Trabajo 2000; 3: 10.
 14. **Delclos GL, Felknor SA, Wehmer R, Lawrence L.** "Aplicación de la Epidemiología a la Identificación y Solución de Problemas en Salud Ocupacional: Sector Sanidad" [The role of epidemiology in the identification and management of occupational health issues in the healthcare sector]. XX Congreso Nacional de Medicina del Trabajo. Revista de la Sociedad Colombiana de Medicina del Trabajo 2000; 3: 74.
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 34. Lai D, Maberti S, Abramson S, Freimanis L, Hanania N, Lusk C, Morandi M, Sockrider M, Stock T, Umeh C, **Delclos GL**. A simple method for evaluating sample size in the Houston ATAC (Air Toxics and Asthma in Children) Study. NORA 2003 Symposium: Working Partnerships Research to Practice Conference, Washington DC, June 23-24, 2003.
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- the European Union. NORA 2003 Symposium: Working Partnerships Research to Practice Conference, Washington DC, June 23-24, 2003.
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 39. A.A. Arif, **G.L. Delclos**, J. Colmer-Hamood. Association between C-Reactive Protein and Asthma among US Adults. 2nd North American Congress of Epidemiology, Seattle, WA, June 21-24, 2006.
 40. Shipp EM, Cooper SP, del Junco DJ, **Delclos GL**, Burau KD, Tortolero S. Severe Back Pain among Farmworker High School Students from Starr County, Texas. 2nd North American Congress of Epidemiology, Seattle, WA, June 21-24, 2006.
 41. Serra C, Tobías A, Varela P, **Delclos J**, Vadell C, Benavides FG. Lesiones por accidente de trabajo en un centro sanitario, 1990-2004. 50 Congreso de la Sociedad Española de Medicina y Seguridad del Trabajo. Madrid, June 21-23, 2006.

Selected Presentations (lead author or presenter only)

1. "Gallium-67 lung scanning and bronchoalveolar lavage in asbestosis". 1987 Texas Thoracic Society Meeting. San Antonio, Texas. April 4, 1987.
2. "Oxygen consumption and delivery changes during aortic surgery". 1987 Texas Thoracic Society Meeting. San Antonio, Texas. April 4, 1987.
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4. "Effects of chronic exposure to high-grade talc on respiratory function". 1988 Texas Thoracic Society Meeting. Austin, Texas. April, 9, 1988.
5. "Asbestos exposure and respiratory function". National Meeting on Occupational Lung Disease. Baylor College of Medicine. Houston, Texas. April 23, 1987.
6. "Pleural plaques and respiratory function in referred asbestos workers". 1989 Annual Meeting of the American Thoracic Society. Las Vegas, Nevada. May 8, 1988.
7. "Interobserver variability using the 1980 ILO Classification in asbestos-exposed subject referred for compensation evaluation." VIIth International Conference on the Pneumoconioses. Pittsburgh, Pennsylvania. August 26, 1988.

8. "Smoking and radiographic profusion in referred asbestos workers." 1988 Annual Scientific Assembly of the American College of Chest Physicians. Anaheim, California. October 6, 1988.
9. "Basic curricula in occupational medicine." American Occupational Health Association. San Antonio, Texas. October 22, 1988.
10. "Introduction to Occupational Lung Disease". Region IV Education Service Center. Houston, Texas. October 18, 1988.
11. "Asbestos- Associated Disease: An update for the primary physician". The Pathology of Occupational Lung Disease: An Update. Baylor College of Medicine. Houston, Texas. May 19, 1989.
12. "Pulmonary function profile of asbestos-exposed subjects with combined interstitial fibrosis and chronic airway obstruction." 1988 Annual Scientific Assembly of the American College of Chest Physicians. Boston, Massachusetts. November 2, 1989.
13. "Postgraduate Seminar on Occupational Lung Disease, Parts I and II" (Director). American Occupational Health Conference. Houston, Texas. April 30, 1990.
14. "Workshop on Occupational Health Research in Latin America" (Director). Pan American Health Organization. Houston, Texas. November 5-8, 1991.
15. "Update on activities of the WHO Collaborating Centre for Occupational Health in Texas". First meeting of WHO Collaborating Centres. Moscow, Russia. September 6-13, 1992.
16. "Seminar in Epidemiology: Case-control studies." Instituto Tecnológico de Estudios Superiores de Monterrey. Monterrey, Mexico. October 2-3, 1992.
17. "Video display terminals and occupational health: a systematic approach to evaluation".(Keynote speaker). Annual Conference in Occupational Health. Coimbra, Portugal. November 1992.
18. "Update on occupational respiratory disease". Texas Medical Association Annual Scientific Meeting. Houston, Texas. May 14, 1993.
19. "Environmental Cancer Risks". Texas Medical Association Continuing Education Program. McAllen, Texas. May 20, 1993.
20. "The practice of occupational medicine in the United States". Third Spanish National and First Ibero-American Congress on Occupational Medicine. Valladolid, Spain. June 11, 1993.
21. "Spirometry Update: 1993". Annual Occupational Medicine Update. Deep South Center for Occupational Health and Safety. Destin, Florida. September 17, 1993.
22. "Acute inhalation injury". Societat Catalana de Higiene I Medicina del Treball. Barcelona, Spain. October 5, 1993.
23. "Occupational Respiratory Disease". Occupational Health Unit, Universidad de Carabobo. Maracay, Venezuela. October 11-15, 1993 and annually thereafter until 1999.
24. "Respiratory Hazards of Healthcare Workers". Annual Scientific Assembly of the American College of Chest Physicians. Orlando, Florida. October 25, 1993.
25. "Respiratory hazards in health care workers". UCLA Occupational and Environmental Medicine Seminar. Los Angeles, California. April 12, 1994.
26. "Tuberculosis and OSHA". Gulf Coast Chapter of the American Industrial Hygiene Association, Houston, Texas. July 21, 1994.
27. "A university-based pulmonary function surveillance project". Second Meeting of the WHO Collaborating Centres for Occupational Health. Beijing, China. October 11-14, 1994.

28. "The dusty trades" (Co-chair). Annual Scientific Assembly of the American College of Chest Physicians, New Orleans, Louisiana. October 30, 1994.
29. "Overview of Environmental Health". Continuing Education Program. Southwest Center for Occupational and Environmental Health/U.S. Environmental Protection Agency. El Paso, Texas; Laredo, Texas and Harlingen, Texas. January - March 1995.
30. "Occupational health in developing countries: what's our role?" (chair). American Occupational Health Conference, Las Vegas, Nevada. May 4, 1995.
31. "The role of academic institutions in international occupational health". American Occupational Health Conference, Las Vegas, Nevada. May 5, 1995.
32. "Assessment of impairment from occupational respiratory diseases". Congress of the Medical Society of Maracaibo, Maracaibo, Venezuela. July 26, 1995.
33. "Respiratory diseases caused by exposure to organic agents". Congress of the Medical Society of Maracaibo, Maracaibo, Venezuela. July 26, 1995.
34. "Salud Ocupacional en Trabajadores del Sector Terciario" (Director). Comisiones Obreras/Caja de Asturias/Continuing Education Program. Southwest Center for Occupational and Environmental Health. Oviedo, Spain. November 1995.
35. "An overview of occupational health for managers". Virginia Indonesia Oil Company. Jakarta and Balikpapan, Indonesia. January 1996.
36. "Occupational Medicine for the Primary Care Practitioner" (Director). Continuing Education Program. Southwest Center for Occupational and Environmental Health. Houston, Texas. April 1996, March 1997, March 1998 (Part I) and September 1996, September 1997 (Part II), November 1998 (Part II).
37. "Radiology of occupational lung diseases" (Director). American Occupational Health Conference. San Antonio, Texas. May 2, 1996.
38. "Assessing impairment and disability from occupational asthma" (Director). American Occupational Health Conference. Boston, Massachusetts. April 29, 1998.
39. "Medical aspects of respiratory protection: 1998 update". NASA/Johnson Space Center Occupational Health Department. May 13, 1998.
40. "Occupational asthma: 1998 update". St. Luke's Episcopal Hospital/Baylor College of Medicine Department of Medicine Grand Rounds. May 18, 1998.
41. "The role of information dissemination in sustainability of international collaborative programs. International Environmental and Occupational Health: Creating Global Linkages. National Institutes of Health. October 21, 1998.
42. "University of Texas International Training and Research in Occupational and Environmental Health Program". Poster presentation at International Environmental and Occupational Health: Creating Global Linkages. National Institutes of Health. October 21, 1998.
43. "Asthma in the Workplace". Occupational Medicine for Primary Care: Clinical Update. Continuing Education Program. Southwest Center for Occupational and Environmental Health. Houston, Texas: November 7-8, 1998.
44. "Occupational hazards of healthcare workers: 1998 update". Grand Rounds. University of Texas - Houston Department of Obstetrics and Gynecology. November 10, 1998.
45. "Combinación de la Investigación Epidemiológica con Métodos Participativos en la Salud Ocupacional del Sector Sanitario". Jornadas Intercongreso "Mujer y Trabajo". Sociedad Española de Medicina y Seguridad en el Trabajo y

- Asociación Española de Especialistas de Medicina en el Trabajo. Oviedo, Spain. October 9, 1999.
46. “Occupational Medicine for Primary Care Practitioners” (Director). Southwest Center for Occupational and Environmental Health. Houston, Texas. May 5-6, 2000.
 47. “Aplicación de la Epidemiología a la Identificación y Solución de Problemas en Salud Ocupacional: Sector Sanidad”. Congreso Nacional e Iberoamericano de Medicina del Trabajo. Sociedad Española de Medicina y Seguridad en el Trabajo y Asociación Española de Especialistas de Medicina en el Trabajo. Zaragoza, Spain. May 19, 2000.
 48. “Taller de lectura de radiografías de las neumoconiosis”. Centro de Estudios en Salud de los Trabajadores, Maracay, Venezuela. July 24-26, 2000.
 49. “Taller sobre asma ocupacional”. Centro de Estudios en Salud de los Trabajadores, Maracay, Venezuela. July 27-28, 2000.
 50. “Protocolo de Control de Calidad en la Espirometría”. XX Congreso Nacional de Medicina del Trabajo. September 18, 2000. Bogotá, Colombia.
 51. “Pruebas de Detección Precoz (“Screening”) de Patología Respiratoria”. September 19, 2000. Bogotá, Colombia.
 52. “Cáncer y Neumoconiosis”. XX Congreso Nacional de Medicina del Trabajo. September 19, 2000. Bogotá, Colombia.
 53. “Aplicación de la Epidemiología a la Identificación y Solución de Problemas en Salud Ocupacional: Sector Sanidad”. September 20, 2000.
 54. “Recerca interdisciplinària sobre l’asma a la Universitat de Texas. Institut Municipal d’Investigació Mèdica, Universitat Pompeu Fabra. Barcelona, Spain. December 12, 2000.
 55. “Les competències professionals en salut laboral: una perspectiva internacional”. Institut d’Educació Continua, Universitat Pompeu Fabra. Barcelona, Spain. December 15, 2000.
 56. “International aspects of occupational health”. Grand Rounds. Department of Preventive and Community Medicine, University of Texas Medical Branch at Galveston. February 20, 2001.
 57. “An interdisciplinary approach ot occupational health services delivery.” American Occupational Health Conference, San Francisco, CA, April 23, 2001.
 58. “Jornadas de Salud Laboral en Hospitales” (Director). July 16-20, 2001. Barquisimeto, Venezuela.
 59. “Las competencias profesionales en salud laboral: una perspectiva internacional e interdisciplinaria”. Primer Congreso Nacional de Enfermería de Salud Laboral. Tarragona, Spain. October 6, 2001.
 60. “How do we go about studying environmental health in our neighborhoods? The medical perspective”. Environmental Health in Our Neighborhoods: Speaking Out about Pollution and Health. A Regional Town Meeting”. University of Houston Hilton Hotel. Houston, Texas. October 20, 2001.
 61. “Asthma in the workplace: 2001 update”. Arab-American Medical Society, Houston Chapter. Houston, Texas. November 3, 2001.
 62. “A global survey of competencies and curricula in occupational health”. Fifth Meeting of the WHO Collaborating Centres in Occupational Health. Chiang Mai, Thailand, November 13-15, 2001.

63. "The environmental exposure history". Calcasieu Parish Environmental Education Symposium : an ATSDR-funded event. McNeese State University, College of Nursing. Lake Charles, LA. February 23, 2002.
64. "International research in occupational and environmental medicine". American Medical Student Association (AMSA) 2002 Annual Convention. Houston, Texas. March 6, 2002.
65. "How much asthma is occupational in origin?". International Update on Occupational and Environmental Respiratory Disease. Houston, Texas, March 8-10, 2002.
66. "El papel de la ciencia en la elaboración de la legislación en salud laboral" [The role of science in the establishment of occupational health laws and regulations]. Primer Simposio Internacional sobre Riesgos Laborales en el Sector Público. Oviedo, Spain, November 7-8, 2002.
67. "Health effects of exposure to metalworking fluids". Annual Scientific Meeting of the Texas College of Occupational and Environmental Medicine. San Antonio, Texas, April 5, 2003.
68. "Cultural currents: issues in international and domestic human subjects research" (Co-Director). Warwick Wyndham Hotel. Houston, Texas, April 25-26, 2003.
69. "Update on occupational respiratory diseases". American Occupational Health Conference (AAOHN Meeting). Atlanta, Georgia. May 8, 2003.
70. "Efectivitat de les intervencions en salut laboral". Seminari sobre Medicina basada en l'Evidencia. Institut d'Educació Continua. Universitat Pompeu Fabra. Barcelona, Spain. May 22, 2003.
71. "Reliability and validity of an asthma questionnaire for healthcare workers." NORA 2003 Symposium: Working Partnerships Research to Practice Conference, Washington DC, June 23-24, 2003.
72. "Cardiovascular disease: what is the role of pollution?" Houston-Galveston Area Council: Regional Air Quality Planning Committee. Houston, Texas, June 26, 2003.
73. "Competencias en salud laboral: una perspectiva internacional". Segundo Congreso Nacional de Medicina del Trabajo (Second National Occupational Medicine Congress). Mexico City, August 22, 2003.
74. "La salud ocupacional en la era de la globalización". Octavo Congreso de la Federación Nacional de Salud en el Trabajo (Eighth Congress of the National Federation of Occupational Health). Monterrey, Mexico, September 13, 2003.
75. "Competencias profesionales en salud laboral: un estudio global". Congreso Nacional de Medicina del Trabajo y Enfermería Laboral. Barcelona, Spain. October 22-24, 2003.
76. "Asma de origen laboral". I Congreso Internacional Salud y Trabajo Cuba 2003". Instituto Nacional de Salud de los Trabajadores/Organización Panamericana de la Salud. Varadero, Cuba. November 24-28, 2003.
77. "Aspectos científicos de la vigilancia de la salud". Congreso de la Sociedad Española de Salud Pública y Administración Sanitaria. Las Palmas, Gran Canaria. November 1 – 5, 2005.
78. "Asthma in the workplace 2006". Environmental Health Sciences Research Seminar. The University of Texas Medical Branch at Galveston. May 1, 2006.

79. “Work-related asthma in Texas healthcare professionals”. The University of Texas Health Center at Tyler. May 19, 2006.

Grant and Contract Awards:

Amounts listed are direct costs only for total project period (except where indicated otherwise).

Current:

- 2007-2012. Site PI. “Center for Research on Environmental Disease”. ~\$60,000 annually (John Digiovanni, Ph.D., Principal Investigator, MD Anderson Cancer Center). Funding agency – NIH/NIEHS.
- 2006-2011. Site PI. “State-based occupational safety and health surveillance”. (J. Villanacci, PI. Texas Department of State Health Services). Funding agency – CDC.
- 2006-2011 Co-Investigator. “International Training in Injury Prevention”. \$750,000. (Ben Amick, M.D., Principal Investigator). Funding agency – NIH/Fogarty International Center.
- 2006-2010 Site Principal Investigator. “Innate Control of Allergic Lung Inflammation.” \$67,950 (University of Texas subcontract). (Tony Eissa, M.D., Principal Investigator – Baylor College of Medicine). Funding agency – NIH/NHLBI.
- 2005-2010 Principal Investigator (co-PI as of July 2006). “Southwest Center for Occupational and Environmental Health”-NIOSH ERC Training Grant. \$6,600,000. Funding agency – CDC/NIOSH.
- 2004-2006 Site Principal Investigator. “Occupational Asthmagens in Cleaners: A Focus Group Study.” (Ahmed Arif, Principal Investigator). \$34,743. (University of Texas subcontract). Funding agency – CDC/NIOSH.
- 2001-2007 Co-Principal investigator (PI and Director, 2001-2004). Training grant in international occupational and environmental health. 2D43 TW0644. Funded by Fogarty International Center/NIEHS/NIOSH: \$200,000 per year (eligible for competing renewal).
- 2006-2007 Co-investigator. “Unidad de Investigación en Salud Laboral. Grupos de investigación consolidados de Cataluña.” 50,800 euros. [Occupational Health Research Unit. Consolidated Research Groups of Catalonia]. P.I. – Fernando G. Benavides. Departament d’Universitats, Recerca i Societat de la Informació (2006SGR 00051), 2006-2007.
- 2005-2007 Co-investigator. “Return to Work after a Sickness Absence Spell: Analysis of Prognostic Factors.” 65,000 Euros (Fernando G. Benavides, Principal Investigator – Pompeu Fabra University).

Funding agency - Spanish Health Research Foundation (Fondo de Investigaciones Sanitarias).

2004-2005 Co-investigator. "PM-Associated Exacerbation of Endothelial Dysfunction". P.I. – Marek Radomski (SPH site PI – Maria Morandi). Health Effects Institute : \$50,000.

2004-2006 Co-investigator. "Phosgene incident registry – Epidemiological/Medical Consultation". P.I. – Arch I. Carson. Funded by the American Chemical Council. \$7,548.

Completed:

1990-1992 Co-investigator. "A study to assess the prevalence of keratoses in an industrial population". Principal investigator: Sharon Cooper, Ph.D. Funded by ICI, Inc.: \$329,894.

1991-1992 Principal investigator. "Selection and evaluation criteria for sharps containers". Funded by NIOSH/ERC, Inc.: \$46,000.

1991-1993 Co-investigator. "Occupational illness and injury in Texas". Principal investigator: Mark Rothstein, J.D. Funded by the Texas State Legislature as a subcontract with the University of Houston Health Law and Policy Institute: \$30,000.

1991-1996 Site Principal investigator. "Compliance factors associated with universal precautions". Funded by NIOSH/ERC, Inc. through a subcontract with the Johns Hopkins University: ~\$55,000.

1992-1994 Principal investigator. "Effectiveness of hospital-wide implementation of a needleless system". Funded by NIOSH/ERC, Inc.: \$46,437.

1992-1994 Principal investigator. "Evaluation criteria for anti-needlestick devices". Funded by NIOSH/ERC, Inc.: \$40,570.

1992-1994 Site Principal investigator. "Multi-site hospital surveillance of blood contacts". Subcontract to Ramsey Foundation, project in turn funded by CDC: \$53,447 (Texas site).

1993-1994 Co-principal investigator. "The natural history of chronic beryllium disease". Funded by Brush Wellman, Inc.: ~ \$13,000.

1994-1997 Co-investigator."Reducing cocaine use and increasing tuberculosis treatment compliance". Principal investigator: Ronith Elk, Ph.D., University of Texas Mental Sciences Institute. Funded by National Institutes of Health: \$1,289,097.

1994-1996 Principal investigator. "User acceptance of anti-needlestick devices in hospitals". Funded by NIOSH/ERC, Inc.: \$55,375.

- 1994-1996 Principal investigator. "Survey of risk and prevention strategies for hospital CPR". Funded by NIOSH/ERC, Inc.: \$52,895.
- 1994-1996 Principal investigator. "Patterns of percutaneous injury after the OSHA standard". Funded by NIOSH/ERC, Inc.: \$50,172.
- 1995-1996 Principal investigator. "A cross-sectional health study of petroleum refinery workers in Colombia". Funded by PAHO/WHO: \$420,000.
- 1995-2001 Principal investigator and Director. Training grant in international occupational and environmental health 2D43 TW0644. Funded by Fogarty International Center/NIEHS/NIOSH: \$691,532.
- 1995-2000 Principal investigator and Director (from 1997 to 2000). Southwest Center for Occupational and Environmental Health (NIOSH Education and Research Center Training Grant T42CCT610417) (eligible for competing renewal). Funded by NIOSH: \$2,100,000.
- 1998 Principal investigator. "International training guidelines in occupational health". Funded by the World Health Organization: \$10,000.
- 1998-2001 Principal investigator. "Bladder cancer screening program". Funded by Phillips Petroleum Company: \$4,019,150.
- 1999-2002 Co-Principal Investigator. "School Asthma Screening and Intervention". Funded by CDC, in response to RFP SIP21PR: \$622,064 (Kay Bartholomew, Ph.D. – Principal Investigator).
- 1999-2000 Principal Investigator (Program Director – Maria Morandi, Ph.D.). "ERC Pilot Projects Research Training Program" (a supplement to the NIOSH Education and Research Center Training Grant T42CCT610417). Funded by NIOSH: \$62,432.
- 2001-2002 Co-principal investigator. "Bladder cancer screening program". Funded by Phillips Petroleum Company: ~ \$1,100,000 per year (Sarah Felknor, Dr.P.H. – Principal Investigator).
- 2001-2004 Principal Investigator (Program Director – Ben Amick III, Ph.D.). "Injury Prevention Program", (a supplement to the NIOSH Education and Research Center Training Grant T42CCT610417). Funded by NIOSH: ~\$140,000 per year.
- 2000-2005 Principal investigator and Director. Southwest Center for Occupational and Environmental Health (NIOSH Education and Research Center). T42CCT610417. Funded by NIOSH: ~ \$1,100,000 per year (eligible for competing renewal).

- 2002-2004 Co-investigator. “Unidad de Investigación en Salud Laboral. Grupos de investigación consolidados de Cataluña.” [Occupational Health Research Unit. Consolidated Research Groups of Catalonia]. P.I. – Fernando G. Benavides. Departament d’Universitats, Recerca i Societat de la Informació (2002SGR 00051), 2002-2004.
- 2002-2004 Co-investigator. “Análisis de las causas de los accidentes de trabajo.” P.I. – Fernando G. Benavides. [Analysis of the causes of occupational injuries]. Spanish Ministry of Science and Technology (BSA2001-0865), 2002-2004.
- 2001-2005 Principal Investigator. “Oxygenated Urban Air Toxics and Asthma Variability in Middle School Children: A Panel Study” . EPA R828678-01/CDFFA 66.500. Funded by the Mickey Leland National Urban Air Toxics Research Center: \$320,000.
- 2001-2005 Principal Investigator. “A Validated Asthma Questionnaire for Health Care Workers”. 5R01OH03945-01A1. Funded by CDC/NIOSH: \$350,000.

Pending

- 2007-2012 Co-Principal investigator. Training grant in international occupational and environmental health. 2D43 TW0644. Funded by Fogarty International Center/NIEHS/NIOSH: \$250,000 per year (eligible for competing renewal).
- 2006-2011 Site Principal Investigator. “Environmental Proteases in Human and Experimental Asthma”. \$79,941 (University of Texas subcontract). (David Corry, M.D., Principal Investigator – Baylor College of Medicine). Funding agency – NIH/NIAA.

TEACHING:

Courses taught

PH 6680 Clinical Occupational Medicine. The University of Texas School of Public Health. Spring Semester, 4 credit hours. Taught annually since 1989. Last taught Spring Semester 2006. Role: Lead Instructor (100%).

PH 6998 Occupational and Environmental Respiratory Disease (co-taught with Arch Carson, Ph.D.). The University of Texas School of Public Health. Summer Semester, 3 credit hours. Taught annually or in alternate years since 1989. Last taught Summer Semester 2003. Role: Lead Instructor (50%).

PH 6998 Field Trips in Occupational Health (co-taught with Lawrence Whitehead, Ph.D., C.I.H. and Thomas Mackey, Ph.D., N.P.-C.). Spring Semester, 3 credit hours.

Taught annually 1990-2002. Last taught Spring Semester 2004. Role: Co-Instructor (33%).

PH 2998 Occupational Epidemiology (co-taught with Ralph Frankowski, Ph.D. Sharon Cooper, Ph.D., and Stephen Moore, M.D.). Last taught Spring Semester 2004, 3 credit hours, offered by ITV with Texas A&M School of Rural Public Health. Role: Lead Instructor (SPH campus) (50%).

PH 6998 Occupational Medicine Practice (co-taught with Arch Carson, Ph.D.). 1993-2002. Role: Co-Instructor (50%).

Patología Laboral Respiratoria. Curso Superior de Medicina del Trabajo. Universitat Pompeu Fabra. Spring Trimester. 20 hours plus practicum. Last taught Spring 2006. Role: Lead Instructor.

Regular guest lectures

University of Texas School of Public Health: *PH 2150 Air Environment* (1990-present); *PH 2998 Occupational Epidemiology* (1993-2002); *PH 6615 Fundamentals of Industrial Hygiene* (1990-present); *PH 6610 Occupational and Environmental Health* (1990 – present); *PH 2110 Overview of Environmental Health* (1997-present) ; *PH 2125 Medical Geography* (2003-present); *PH 6998 International Aspects of Occupational Health Seminar* (2003).

University of Texas School of Nursing: *NURS 6551 Adult Diagnostic Tests* (1997 – present, twice a year).

University of Houston College of Engineering: *INDE 6322 Occupational Safety Engineering* (1992 – present).

Houston Baptist University: *HADM 6350, Epidemiology for Health Care* (2003, 2004).

Doctoral dissertation committees (limited to role as Chair and/or Dissertation Supervisor; completed degrees only):

Boji Huang, M.D., Ph.D. (1993). *Leukemia and occupational exposure to electromagnetic fields : an incident case-control study*. Current position: National Institutes of Health, Bethesda, MD.

Xifeng Wu, M.D., Ph.D. (1994). *Genetic susceptibility, cigarette smoking, and wood dust exposure in lung cancer : case control analyses*. Current position : Associate Professor of Epidemiology, Division of Epidemiology, The University of Texas M.D. Anderson Cancer Center. Houston, Texas.

Louann Lawrence, M.T., Dr.P.H. (1994). *The effectiveness of a needleless intravenous system in prevention of percutaneous injury in two hospitals*. Current position: Professor and Chair, Department of Medical Technology, Louisiana State University Health Sciences Center. Shreveport, Louisiana.

Robert Emery, Dr.P.H., C.I.H. (1997). *Evaluating the relative status of health & safety programs for minority academic and research institutions*. Current position: Associate Professor of Occupational Health and Executive Director, Environmental Health and Safety, The University of Texas Health Science Center at Houston. Houston, Texas.

Faiyaz Bhojani, M.D., Dr.P.H. (1999). *Physical fitness of industrial firefighters*. Current position: Medical Director. Shell Oil Company, Houston, Texas.

Esther Beltran, M.D., Dr.P.H. (2000). *Effects of exercise with oxygen prebreathe for decompression risk reduction*. Current position: Assistant Professor, Department of Applied Aviation Sciences. Embry-Riddle Aeronautical University. Daytona Beach, Florida.

Ahmed Arif, M.D., Ph.D. (2001). *Prevalence and risk factors of asthma and work-related asthma among US adults : data from the third National Health and Nutrition Examination Survey, 1988-1994*. Current position : Assistant Professor of Epidemiology and Director of Health Services Research. Department of Health Services Research and Management, Texas Tech University Health Sciences Center. Lubbock, Texas.

Hua Zhao, Ph.D. (2003). *Insulin-like growth factors, cell cycle control, angiogenesis and bladder cancer: a case-control study*. Current position: Assistant Professor of Epidemiology. Department of Epidemiology, Tulane University, New Orleans, Louisiana.

Matthew Schabath, M.S. (2003). *Genetic predisposition, dietary factors, and bladder cancer: a case-control analysis*. Current position: Postdoctoral Fellow. Division of Epidemiology, M.D. Anderson Cancer Center.

Linda D. Lee, Dr.P.H. (2005). *A comprehensive environmental study in high risk areas for cancer patients comparing air and water Aspergillus species samples*. Current position: Director, Environmental Health and Safety, M.D. Anderson Cancer Center.

Susanne Saveley, Dr.P.H. (2005). *A model environmental management system for colleges and universities*. Current position: Director, Biological, Chemical and Radiation Safety. Environmental Health and Safety, M.D. Anderson Cancer Center.

Eva Shipp, Ph.D. (2005). *Back pain in migrant farmworker families and farmworker high school students from Starr County, Texas*. Current position: Assistant Professor. Department of Epidemiology and Biostatistics, School of Rural Public Health. Texas A&M University.

Sandra M. Olfert, Ph.D. (2006). *A cohort morality study of workers in the polyethylene pipe manufacturing industry*. Current position: Epidemiologist. City Health Department. Regina, Saskatchewan, Canada.

SERVICE**Institutional Service**

2005-present	Chair. Safety Council. The University of Texas Health Science Center at Houston.
2004-present	Member. Executive Council. University of Texas Health Science Center at Houston School of Public Health.
2006-present	Member. The University of Texas School of Public Health Environmental and Occupational Health Sciences Search Committee.
2005-present	Member. The University of Texas School of Public Health Epidemiology Search Committee.
1998-present	Member. Committee for the Protection of Human Subjects (CPHS). The University of Texas-Houston Health Science Center.
1993-present	Member. Continuous Quality Improvement Committee. The University of Texas Health Services.
2002-2005	Chair. The University of Texas School of Public Health Epidemiology Search Committee.
2003-2004	Member. Safety Council. The University of Texas Health Science Center at Houston.
2002-2003	Member (Epidemiology discipline alternate). Faculty Affairs Committee. The University of Texas School of Public Health.
2002	Member. School of Public Health Organizational Concept Committee.
2001-2002	Convener. Epidemiology Discipline. University of Texas School of Public Health.
2001-2002	Member. Faculty Affairs Committee. University of Texas School of Public Health.
2001-2002	Chair. Six-year tenure review committee. University of Texas School of Public Health.
1999	Member. Ad Hoc Committee on Records Retention Policy. University of Texas-Houston School of Public Health.
1999	Member. Facility Master Plan User Group (Non-laboratory Research Space). University of Texas-Houston School of Public Health.
1997-2000	Member. Dallas SPH Regional Campus Faculty Search Committee. University of Texas-Houston School of Public Health.
1995-2004	Chair. Physical Safety Committee. University of Texas-Houston Health Science Center.
1995-2003	Vice-Chair. Chemical Safety Committee. University of Texas-Houston Health Science Center. 1995-2003.
1995-2000	Member (Epidemiology Discipline representative). Admissions Committee. School of Public Health. University of Texas-Houston Health Science Center.
1995-1996	Chair. Environmental Sciences Faculty Search Committee. University of Texas-Houston Health Science Center School of Public Health.
1994, 1999	Member. Faculty Peer Review Committee. School of Public Health. University of Texas-Houston Health Science Center.

1992-1995	Member. Biohazards Committee. University of Texas-Houston Health Science Center.
1994	Member. Continuous Quality Improvement Committee on Environmental Health and Safety.
1993-1995	Chair. Occupational Medicine Faculty Search Committee. University of Texas-Houston Health Science Center School of Public Health.
1992-1995	Member. Infectious Diseases Review Panel. University of Texas-Houston Health Science Center.

Professional Service (non-clinical)

2005-2006	Mayor's Task Force for Air Quality Improvement. City of Houston.
2004-present	Member. Residency Advisory Committee. Occupational Medicine Residency Program. Pompeu Fabra University. Barcelona, Spain.
2004-present	Member. Literature Selection Technical Review Committee. National Library of Medicine/NIH. Appointment expires June 2008.
2004-present	Member. Advisory Board. Mothers for Clean Air.
2003-present	Member. Steering Committee. Health Professionals for Clean Air.
2003-present	Member, Steering Committee. Environmental Public Health Tracking Network, City of Houston Department of Health and Human Services.
2003-present	Member. Planning Committee for the World Health Organization Network of Collaborating Centres in Occupational Health.
1997-present	Member. Residency Advisory Committee. Occupational Medicine Residency. University of Texas Medical Branch in Galveston.
1995-present	Member. Committee on Occupational Lung Disease. American College of Occupational and Environmental Medicine.
1994-present	Member. Residency Advisory Committee. General Preventive Medicine and Public Health Residency. Texas Department of Health.
2002-2005	Member. Health, Science and Policy Committee. American College of Chest Physicians.
2001-2005	Co-Chair. Task Force on Occupational Hazards of Healthcare Workers. World Health Organization Network of Collaborating Centres in Occupational Health.
2004-2005	President. Texas College of Occupational and Environmental Medicine.
2004	Scientific Program Chair. Annual Meeting of the Texas College of Occupational and Environmental Medicine. May 2004.
2003-2004	President-Elect. Texas College of Occupational and Environmental Medicine.
2002-2003	Secretary-Treasurer. Texas College of Occupational and Environmental Medicine.
2000-2002	Board of Directors. Hispanic American Medical Association of Houston.
2000-2001	Chair. Community Outreach and Public Health Committee. Hispanic American Medical Association of Houston.
1994	Technical consultant. NIOSH/CDC. Evaluation and design criteria for antineedlestick safety devices.

1993-2001	Member. World Health Organization Expert Advisory Panel on Occupational Health.
1992-1995	Steering Committee Member. Section on Occupational and Environmental Health. American College of Chest Physicians.
1991-1995	Board of Directors. American Lung Association/San Jacinto Chapter.
1991	Technical consultant on occupational health research methodology. Pan American Health Organization. Maracay, Venezuela.
1990-1994	Member. Committee on Worker's Compensation. Texas Medical Association.
1989-1993	Member. Resource Panel on Health, Environmental Effects and Technology. Texas Air Control Board.
1988-1991	Member. Environmental Health Committee, American Lung Association/San Jacinto Chapter.
1987-2002	Member. Speaker's Bureau. American Lung Association/San Jacinto Chapter.
1986-1991	Member. Occupational Lung Health Committee. American Lung Association/San Jacinto Chapter.

Service on Editorial Boards/Journal Peer Review

Archivos de Prevención de Riesgos Laborales (Editorial board; Section Editor).
 Salud de los Trabajadores (Internacional editorial board).
 International Journal of Occupational and Environmental Health (Editorial Board; referee).
 American Thoracic Society/American Journal of Respiratory and Critical Care Medicine.
 Occupational and Environmental Medicine (British Medical Journal group)
 Salud de los Trabajadores
 Salud Pública de México
 Social Sciences Quarterly
 CHEST/American College of Chest Physicians
 Journal of Occupational and Environmental Medicine
 European Respiratory Journal
 American Journal of Industrial Medicine
 Respiratory Medicine

Study Sections and Other Peer Reviews

2006	CDC/NIOSH Training Program Grants.
2005	El Paso del Norte Foundation.
2004	NIEHS/NIH Ad Hoc Study Section.
2003	CDC/NIOSH Ad Hoc Study Section (chair).
2003	Center for Border Health Research.
2003	CDC/NIOSH Ad Hoc Study Section.
2002	CDC/NIOSH Ad Hoc Study Section (chair).
2001	El Paso del Norte Foundation.
2001	CDC/NIOSH Ad Hoc Study Section.
2000	CDC/NIOSH Ad Hoc Study Section.
2000	American Institute of Biological Sciences, Scientific Peer Advisory and Review Services.

1999	NIH/NIEHS Ad Hoc Study Section.
1999	CDC/NIOSH NORA Ad Hoc Study Section.
1997	NIOSH Special Emphasis Panel on Training Programs and Education and Research Centers.
1996	CDC/NIOSH Ad Hoc Study Section.
1995	CDC/NIOSH Ad Hoc Study Section.
1994-2001	Texas Workers' Compensation Insurance Fund.
1992-2001	NIOSH Training Programs and Education and Research Centers.

Professional Society Memberships

2003-present	European Respiratory Society. 2003-present.
2003-present	International Commission on Occupational Health.
2000-2002	Hispanic American Medical Association of Houston.
1997-present	Society of Occupational and Environmental Health.
1993-present	Societat Catalana d'Higiene i Medicina del Treball
1992-1995	Association of Hospital Employee Health Programs.
1991-2001	American Public Health Association.
1991-present	Spanish Society of Occupational Medicine Specialists.
1989-present	American Medical Association.
1989-present	American College of Occupational and Environmental Medicine.
1989-present	Texas College of Occupational and Environmental Medicine.
1988-present	Harris County Medical Society.
1988-present	Texas Medical Association.
1987-present	American Thoracic Society.
1986-1991	American College of Chest Physicians
1981-2002	Il.lustre Col.legi Oficial de Metges de Tarragona (Spain).