

PERSONAL DATA

Born: Detroit, Michigan August, 1953.

Children: Samuel, born 1979. Andrew, born 1981.

Work Address: Open Door Clinic, Urban Ministries of Wake County
1390 Capital Blvd, Raleigh, NC 27603; PO Box 26476, Raleigh NC 27611-6476

Work Telephone: (919) 256-2167 Fax: (919) 834-7306

Electronic mail: GNGreenberg@GMail.com

CURRENT POSITIONUrban Ministries of Wake County, NC

Medical Director and first-ever staff physician, "Open Door Clinic", Free clinic serving non-insured adult patients below 185% of Federal Poverty Level, without any medical coverage, living in Wake Co., NC.

University of North Carolina School of Public Health, Chapel Hill, NC.

Adjunct Associate Professor, Dept. of Public Health Leadership, July 2006- present.
Consulting August, 2005- July, 2006.

Duke University Medical School, Medical Center

Assistant Professor, Occupational & Environmental Medicine, Clinical 1987- 2005, Consulting, 2006-present

G.Greenberg Occ-Health Consulting, L.L.C

Founder & Primary, consulting in Occupational & Environmental Medicine, Durham, NC, 2006- present.

PRIOR PROFESSIONAL EXPERIENCEDuke University Medical School, Medical Center

Department of Community & Family Medicine

Division of Occupational & Environmental Medicine

Division Chief, 1996- 1998

Director, Occupational Health Service, 1990- 1996

Adjunct, 1996- 2005

Division of Family Medicine

Full time residency faculty and practitioner, 1998- 2005

Instructor, "PRACTICE Course", Duke Medical School, 1998- 2000, 2005- 2007.

Department of Internal Medicine

Primary Care practice in Internal Medicine (in-patient and out-patient, including precepting in clinic, heading rounding teams in-hospital), 1987- 2005

CIGNA Healthplan of Tampa

Practicing Internist, 1984- 1987. Healthcare Center Chief of Staff, 1985- 1987.

Chairman, Internal Medicine, 1986- 1987.

Chair, Quality Assurance 1986- 1987. Ass't to Med. Director for Utilization Analysis 1985- 86.

U. S. Public Health Service Corps, National Health Service

Sr. Assistant Surgeon, (non-obligee volunteer officer). 1979- 1980.

Glenville Health Association. Staff Physician, Adult Medicine. Cleveland, Ohio.

BOARD CERTIFICATION

American Board of Internal Medicine, December, 1982.

American Board of Preventive Medicine, Occupational Medicine, February, 1987.

FELLOWSHIP TRAINING

Duke University Med. Center, Durham, N. Carolina. Occupational Medicine. July 1982- June 1984.

INTERNSHIP and RESIDENCY

University Hospitals of Cleveland - Case Western Reserve University.

Intern, Straight Internal Medicine. June 1978- July 1979.

Resident, Straight Internal Medicine. June 1980- July 1982.

MEDICAL SCHOOL

Northwestern University Medical School, Chicago, Illinois.

September 1974- June 1978. B.S. (Medicine) June 1976. M.D. June 1978.

GRADUATE SCHOOL

University of North Carolina, Chapel Hill, North Carolina.

School of Public Health. 1982- 1984. M.P.H. in Epidemiology, June 1984.

COLLEGE

University of Michigan, Ann Arbor, Michigan. Cellular Biology, August, 1971- July 1973.

Université de Bordeaux, Bordeaux, France. "Maîtrise" program in Bio-chemistry and Genetics. Junior year abroad August 1973- March 1974.

GRANTS and CONTRACTS

Member, planning committee; Chair, Technology/Prototype Committee

OHDEN (Occupational Health Disaster Expert Network), www.OHDEN.net and pandemic.OHDEN.net.

OHDEN is supported by ACOEM as an alliance with AAOHN and operates under an (unfunded) federal mandate as an "Information Sharing and Analysis Center (ISAC)" from Department of Homeland Security and Department Health & Human Services. November 2003- present.

Developer, Moderator and "Sysop"

Occ-Env-Med-L Electronic International MailList, begun 1993. Now 4,000 members, representing 75 countries, distributing 250+ messages monthly. Supported via sponsors, user contributions.

Editor, American College of Occupational & Environmental Medicine internet resources (World Wide Web), 1997- 1998. Co-editor 1996- 1997. www.ACOEM.org

Editor, Electronic Resources. Association of Occupational & Environmental Clinics (AOEC), 1994- present. www.AOEC.org

Collaborator and co-investigator, EPOCH-Envi (**E**ducating **P**hysicians in **O**ccupational **H**ealth and **E**nvironment), funded by National Institute for Occupational Safety & Health (NIOSH), Agency for Toxic Substances and Disease Registry (ATSDR) and National Institute for Environmental Health Sciences (NIEHS) curriculum and content introduction for occupat. & environ. post-graduate medical education, 1987 - 1995.

Principal Investigator, March 1996- Jan 1997.

MEDICAL LICENSURE

North Carolina, 1982- present. Florida, 1984- 1995. Ohio, 1979- 1982.

AWARDS

Jerry Nancy Community Service Award, by the Durham-Orange County Medical Society, December, 2008

Volunteer of the Year, Urban Ministries of Wake County "Open Door Clinic", 2006

Most Outstanding Teacher, 2001-2002 Duke University Medical Center Family Medicine Residency Program, June 2002

"Honorary Family Physician", a specially designed award from the 2001 graduates of the Duke Family Medicine Residency Program, June, 2001

ACOEM's Health Achievement Award "Created in 1948. It recognizes an ACOEM member for a unique achievement in the field", Philadelphia, PA, April, 2000

Most Outstanding Teacher, 1998-1999 Duke University Medical Center Family Medicine Residency Program, June 1999.

Fellow, American College of Occupational & Environmental Medicine, April, 1999.

Duke University Art Show, Chancellor's Award (Top Prize), 1994, 1995, 1996, 1998. Honorable Mention, 1997

Provisional Patent No 40,051, for "Automatic Closure System for Sliding Screen Door". August, 1996.

"Human Excellence Award", Inter-faith community service award from the Durham Mosque: *Masjid Ar-Razzaq*, November, 1994.

Fellow, American College of Physicians. 1991.

Master (and later Fellow), American College of Occupational & Environmental Medicine

Physician Manager of the Year, 1986. CIGNA Healthplan of Florida.

PUBLICATIONS

Web-based, currently online and updated:

- <http://OpenDoorDocs.org>
Information resources regarding clinical and organizational aspects of the Open Door Clinic
- <http://pandemic.OHDEN.net> or <http://www.OHDEN.net/pandemic>
Resource repository for pandemic planning for employers and workforces (updates: quarterly)
- <http://www.OHDEN.net>
Introductory site for Occupational Health Disaster Expert Network (updates: quarterly)
- <http://Links.OccHealthNews.net>
Consultant resources in Occupational & Environmental Medicine (updates: quarterly)
- <http://Palm.OccHealthNews.net>
"The Ectopic Cortex", Palm-OS / PDA resources for Clinical and Occupational & Environmental Medicine (updates: quarterly)
- Support for *Occ-Env-Med-L* electronic forum <http://Archives.OccHealthNews.net>,
<http://Survey.OccHealthNews.net>, <http://Disclaimer.OccHealthNews.net>,
<http://Rules.OccHealthNews.net>
- <http://www.NCOSH-project.org>, NC Occupational Safety & Health worker project, 2006-2008

Peer-Reviewed, paper journals and textbook chapters:

- Greenberg, GN, "Avian Flu's First US Victims; Poultry Workers Shouldn't Serve as Canaries", editorial, *International Journal of Occupational and Environmental Health*. **12**(3), Jul/Sep 2006
- Greenberg GN, Rogers B, contributing authors, "Clinical Practice", Levy BS, Wegman DH, *Occupational Health: Recognizing and Preventing Work-Related Disease and Injury*, 5th Ed., 2005.
- Østbye T, Taylor DH, Lee AM, Greenberg G, Scoyoc LV, "Racial differences in influenza vaccination among older Americans 1996-2000: longitudinal analysis of the Health and Retirement Study (HRS) and the Asset and Health Dynamics among the Oldest Old (AHEAD) survey", *BMC Public Health* **3**:41 (2003)
<http://www.biomedcentral.com/1471-2458/3/41>
- Østbye T, Greenberg GN, Taylor DH, Lee AM, "Screening Mammography and Pap Tests Among Older American Women 1996-2000: Results from the Health and Retirement Study (HRS) and Asset and Health Dynamics Among the Oldest Old (AHEAD)", *Annals of Family Medicine* **1**:209-217 (2003)
- Greenberg GN, Mohanan S, and Greenberg SG. "Exposure to Pets in Childhood and Risk of Atopic Disorders" *JAMA* **289**:841-b (letter), 2003.
- Greenberg GN. "Internet resources for occupational and environmental health professionals. Internet resources for occupational and environmental health professionals". *Toxicology*. **173**(1-2):145-52, 2002 Apr 25. Re-published, *Toxicology* **178**(3-4), 263 and copied to web, August, 2002.
<http://www.elsevier.com/homepage/sah/tox/greenberg.pdf>
- Brandt-Rauf PW, Bunn WB, Chester TJ, Engelberg AL, Fanucchi JJ, Garabrant DH, Greenberg GN, Guidotti TL, Hall AH, Harris JS, Herzstein J, Hoffman BH, Holthouser MG, Leopold R, McLellan RK, Richman J, Swotinsky RB. "Recommended Library and Electronic Resources for Occupational and Environmental Physicians" *J Occup & Environ Medicine*. **43**(3):202-15, 2001
- Frazier LM, Berberich NJ, Moser R, Cromer JW, Hitchcock MA, Monteiro FM, Greenberg GN. "Developing occupational and environmental medicine curricula for primary care residents: Project EPOCH-Envi" *J Occup & Environ Medicine*. **41**(8):706-711, 1999
- Greenberg GN, contributing author. "Noise". Frazier LM, Hage ML, eds. *Reproductive Hazards of the Workplace*. Van Nostrand Reinhold, 1997.
- Greenberg GN, contributing author. Leopold RS, ed. *1997 OEM Internet Companion*. OEM Press, 1996.
- Greenberg GN, "Occupational risks in the rubber industry". *NC Medical J* **56**(5):215-219, 1995.
- Frazier LM, Berberich JN, Greenberg GN. "Residents' medical records show poor evidence of patient education in occupational & environmental medicine." Soc. Teachers of Family Medicine, 17th Annual Conference on Patient Education, San Antonio, TX, Dec, 1995.
- Greenberg GN, Dement JM. "Exposure assessment and gender differences". *J Occup Med* **36**(8):907-12. 1994.
- Greenberg GN, Stave G. Clinical Manifestations of "Occupational Biological Illness". "Rubella". Chapters in *Biological Hazards of the Workplace*, 1994. Wald P, Stave G, editors.
- Frazier LM, Broadwell DK, Greenberg GN, Berberich JN. "Faculty development for occupational and environmental medicine teaching". *J Gen Intern Med* **9**(April Suppl 2):75, 1994.
- Frazier LM, Broadwell DK, Greenberg GN, Berberich JN. "Poor quality of occupational histories in residents' medical charts". *J Gen Intern Med* **9**(April Suppl 2):76, 1994.
- Frazier LM, Broadwell DK, Greenberg GN, Berberich JN. "Teaching Occupational and Environmental Medicine in Internal Medicine Residencies". Association of Program Directors in Internal Medicine, Miami FL, April, 1994.

- Frazier LM, Greenberg GN. Invited book review of: Occupational and Environmental Medicine, Second Edition, Rom WN, Ed. In: *Ann Intern Med* **119**:544, 1993.
- Levine RJ, Brown MH, Bell M, Greenberg GN, Bordson BL. "Air-conditioning does not prevent deterioration of human semen quality during the summer". *Fertility and Sterility*. **57**(5):1075-83, 1991.
- Greenberg GN, Darcey DJ, contributing authors, *Pathology of Asbestos-related disease*. Roggli V, editor, 1992, Little, Brown Publishers.
- Frazier LM, Cromer JW, Andolsek KM, Greenberg GN, Thomann WR, Stopford W. "Teaching occupational and environmental medicine in primary care residency training programs: Experience using three approaches during 1984-91". *Am J Med Sci*. **302**:42-5, 1991.
- Frazier LM, Cromer JW, Andolsek KM, Greenberg GN, Thomann WR, Stopford W. "Teaching occupational and environmental medicine in primary care residency training programs." *Clin Research* **38**:1002A, 1990.
- Greenberg GN, Levine RJ. "Urinary creatinine excretion is not stable: A new method for assessing urinary toxic substance concentrations". *J Occup Med*. **31**: 832-41. 1989.
- Greenberg GN "Recurrent sulindac-induced aseptic meningitis in a patient tolerant to other nonsteroidal anti-inflammatory drugs". *South Med J*. **81**(11): 1463-4. 1988.
- Greenberg GN, Bunn WB. contributing authors. "Pesticides", "Industrial Hazards", and "Occupational Diseases" chapters to *Poisoning*, 5th Edition, J. Arena, editor.
- Levin ML, Quintanilla AP, Roxe D, Said R, Schoot J, Greenberg GN. "Effect of 4-pentenoic acid on ammoniogenesis". *Kidney International* **14**:742,1978.

INVITED PRESENTATIONS

- Diabetes by the Rules*, to "TAP-In" (Third Age Professional Initiative), teaching retired clinicians returning to volunteer practice, N.Carolina Association of Free Clinics, Greensboro, NC, April, 2007.
- Disaster Planning in Occupational Health & Palm PDA Use in Clinical Medicine*, Primary Care 2007, Big Island of Hawaii, April, 2007.
- Evidence-based Medicine & Protocol-Driven Care*, presented to the Craven-Pamlico-Jones Medical Society Meeting, New Bern, NC, February, 2007.
- Multi-disciplinary Issues in Occupational Health Disaster Planning, Workers' Compensation Update*, Chapel Hill, NC and also at: Foothills Occupational Health Nurses' Annual meeting, Statesville, NC November, 2006.
- Disaster Planning and Pandemic Information Resources*, N.W. Occupational Health Conference, Wenatchee, WA, October, 2006.
- Disaster-related Information Resources*, SOTAC, ACOEM, New York City, October, 2005
- Evolving Electronic Collaboration In Occupational & Environmental Health*, presented to the International Congress on Occupational Health, Milano, Italy, June 2006
- OHDEN, a Network for Disaster Management for Occupational Health Professionals*, presented to both the American College of Occupational & Environmental Medicine (Los Angeles) and the American Association of Occupational Health Nurses (Albuquerque), May, 2006.
- Evidence-based Care, a Tool for Clinic Quality*, presented to the NC Association of Free Clinics, Greensboro, NC, April, 2006.
- Pandemic Flu Preparedness and OHDEN Update, a Disaster Network for Occupational Health* both presented to state-wide meetings of American Association of Occupational Health Nurses (March, 2006, RTP, NC) and American Industrial Hygiene Association (April, 2006, RTP, NC).

Pandemic Flu Preparedness: General Health Policy Guidance Moderator/presenter at ACOEM online “webinar”, December, 2005.

OHDEN Update, a Disaster Network for Occupational & Environmental Medicine, stage presentation, and also noon conference, SOTAC, ACOEM, Chicago, October, 2005

A Disaster Network for Occupational Medicine, presented to Carolinas Occupational Medicine Association, Myrtle Beach, SC, October, 2005.

Worldwide Occupational Health Outreach via Electronic Virtual Communities, poster for International Commission on Occupational Health, Strasbourg, France, and to the Latin American Caucus at the World Safety Congress, Orlando, September, 2005. Revised and updated, presented to the “In Service of Global Health” dedication of the Duke Global Health Initiative, April, 2006.

Bedside PDA Mortality Tables for Enhanced Prevention in Elderly Patients, poster for “Innovations in Clinical Practice”, Medical Review of N.Carolina, April, 2005

Electronic Resources for Occupational Health, half-day workshop with China CDC, Occupational Health group, Beijing, China, November 2004

Introduction to Palm OS in Practice, repeated invitation as organizer / solo speaker for combined half-day session American Occupational Health Conference, Kansas City, MO, April 2004

Future of Occupational & Environmental Medicine, repeated invitation as panelist, American Occupational Health Conference, Kansas City, MO, April 2004

Disaster Planning "Information Sharing and Analysis Center (ISAC)" for Occupational & Environmental Medicine, a panel presentation to American Occupational Health Conference, Kansas City, MO, April 2004

The Rise or Fall of Occupational Medicine in the 21st Century combined half-day session. American Occupational Health Conference, Atlanta, GA, April 2003

Introduction to Palm OS in Practice, combined half-day session American Occupational Health Conference, Atlanta, GA, April 2003

Electronic Communities in Occupational & Environmental Health, luncheon conference, American Occupational Health Conference, Chicago, IL, April 2002

Palm OS in Practice and Advanced Applications in Palm OS, combined half-day session American Occupational Health Conference, Chicago, IL, April 2002

Online & Electronic Resources for Occupational & Environmental Medicine, to the Carolinas Occupational & Environmental Medicine Association, Charleston, SC, August, 2001

Travel Health / Public Health, American Occupational Health Conference, San Francisco, CA, April 2001

Work Restrictions, the Work Product for Occupational & Environmental Medicine Professionals, Wayne State University Family Medicine Conference, Detroit, MI, November, 2000.

International Outreach in Occupational & Environmental Health, American Public Health Association, Boston MA, November, 2000.

Electronic Communities in Occupational & Environmental Medicine, a lunch workshop at the American Occupational Health Conference, Philadelphia, PA, April, 2000.

Information Technology for Occupational Medicine Professionals, Workshop for Occupational Medicine Society of the United Kingdom, Plymouth, UK, July, 1999.

Collaborative Research, Education and Training, and Public Policy Projects, International meeting of the Society for Occupational and Environmental Health An International Society, Bethesda, MD, October, 1998.

Information Technology for Occupational Medicine Professionals, Workshop for Occupational Medicine Society of the United Kingdom, Oxford, UK, July, 1998.

Technical Advisor to the National Association of Physicians for the Environment Leadership Conference, (for the Association of Occupational and Environmental Clinics) Washington DC, June, 1998.

American College of Occupational & Environmental Medicine Leadership Development Conference, Boston, MA, April, 1998

Public Health Communications on the Internet: Successes, Limits, Needs and Opportunities. Daylong solo consultation and lecture to National Institutes of Occupational Safety & Health. April, 1998, Cincinnati, OH.

Practical Approaches to Reproductive Toxicology. Daylong solo course for U.S. Navy Occupational Health Conference, March, 1998, San Diego, CA.

Occupational Medicine: Work Restrictions, Exposure Assessment, Electronic Resources BASF Corporate Medical 2 day CME Retreat, October, 1997, Geismar, LA.

Occupational Asthma. Occupational Toxicology Round Table, October 1997, Chapel Hill, NC.

Electronic Resources for Occupational & Environmental Medicine, Carolina Occupational Medical Association, September, 1997, Charlotte, NC.

Applied Electronic Communication in International Occupational Health. American College of Occupational & Environmental Medicine, May, 1997, Orlando, FL.

Internet and Electronic Communities, Organization Resources Counselors, Inc, February, 1997, Washington DC.

Electronic Resources for Occupational & Environmental Medicine, American Occupational Medical Association, September, 1996, Toronto, Ont.

Hemispheric-Wide Electronic Consulting in Occupational & Environmental Medicine, Pan-American Health Organization, Caribbean Commonwealth of Nations, Barbados, April 1996.

Virtual Communities for the Occupational Health Community. American College of Occupational & Environmental Medicine, Apr, 1996.

Greenberg GN, Darcey D, Markham TN, Suris PS. Chronic beryllium disease: Trends in natural history resulting from changes in exposure, diagnosis and treatment. Presented to the American Occupational Health Conference, April, 1995.

Editorial Review Panels:

Archives of Environmental and Occupational Health

BMC Health Services Research

Journal of Health Care for the Poor and Underserved

Journal of Occupational & Environmental Medicine (JOEM)

Occupational Medicine (Oxford, UK)

ACADEMIC APPOINTMENTS (previous)

Clinical Assistant Professor, Case Western Reserve University Medical School. 1979- 1980.

Adjunct Professor, Univ. of South Florida School of Public Health, Dept of Epidemiology. 1984- 1987.

FOREIGN LANGUAGES

French, fluent (back in 1975!)

Spanish (working very hard, now clinically capable in diabetes, hypertension, asthma and health maintenance topics, 2004- present)

PROFESSIONAL ORGANIZATIONS

Association of Clinicians for the Underserved, Individual and Clinic member, 2007- present.

National Association of Free Clinics, Clinic member, 2007- present. Legislative Committee.

North Carolina Association Of Free Clinics, Individual and Clinical member, 2006- present.

International Commission on Occupational Health, 2005- present

Occupational & Environmental Health Disaster-Preparedness Information Sharing and Analysis Center (ISAC), organizational participant and committee chair (March 2004- present)

International Society for Infectious Diseases, corresponding member (ProMED supporter) 2003- present.

American College of Occupational & Environmental Medicine 1983- present.

Fellow (1999)

Webmaster (employee and coordinator, 1997- 1999)

Awards Committee member (1997- 1999)

Publications Committee member (1996- present)

National House of Delegates (elected), 2001- 2005.

Underserved Occupations Population Section, Charter member

Medical Informatics Section Secretary (2001- 2002), Chair (2003- present)

Strategic Planning Committee, 2007-8, Finance Committee 2009- present

Board of Directors (elected), 2007-2010

American Public Health Association, 1989- present.

American College of Physicians, 1987- present. Fellow.

Association of Occupational & Environmental Clinics

Clinic and individual membership. 1991- present. Chair, Database Committee, 1994- 2002.

Board of Directors (elected), Individual rep. 1995- 2002. Clinic rep. 2003-05

Executive Committee (Secretary), 1995- 98, again 2003- 2006.

Carolinas Occupational & Environmental Medicine Association (regional ACOEM), 1983- present.

COMMUNITY SERVICE

Local political party vice-chair, precinct 44, Durham NC, elected March, 2009.

Project Access Durham County, community effort to provide specialty consultations to uninsured patients referred from "Safety Net" care settings. Organizing committee, then Board of Directors (representative from Durham CAN), Executive committee, 2008- present. Webmaster, early 2008.

Senior PHARMAssist, community-based medication consultation and support program for health education, community referral, and advocacy. Board of Directors and Advocacy Committee, July 2006-8.

Volunteer Physician at the Open Door Clinic, managed by Urban Ministries of Wake County; One session monthly, March 2001 - September 2005. Five sessions monthly, Sept 2005 - Jan 2007 (when became staff MD).

Access to Care Committee of "Partnership for a Healthy Durham", County government created planning committee, Jan 2006- present. Representative of Durham CAN (see below).

Staff Physician (bi-monthly) and clinic co-organizer at TROSA (Triangle Residential Options for Substance Abusers) weekly onsite clinic, Durham, NC, August 2003-5. Medical Director, Jan.-September 2005.

Durham CAN (Congregations, Associations, Neighborhoods) non-partisan, non-denominational grassroots community organization. 2004- present

Co-chair, Health Action Committee (uninsured program development) 2006- present

Co-chair, Technology / Communications Team, Web-master 2006- present

Community-wide Congregational Religious High School.

Board of Directors, 1995- 2002. Webmaster, 2002- 2005.

Course innovator / instructor, on citizenship skills for conscience-based social action, fall 1998.

Community Welfare Federation

Allocations Committee, 1996- 2000.

Local Religious Congregation

Religious School committee Member, 1987-94. Chair 1990- 1992.

Board of Trustees 1990- 1992. Budget Committee 1991 & 1992.

Board Nominating Committee, 1993- 1994, 1994- 1995.

Youth Activities Committee, 1998- 2001.

Social Action Committee, 2006- present

Parents' Council, North Carolina School for Science & Mathematics

Representative, selected from Congressional district, 1995-96, 1998-1999.

Developer and moderator, Parents' (and then Alumni Parents') E-mail Forum, 1996

Elected Council President 1999- 2000, Council Vice Chair, 1996- 1997.