

Curriculum Vitae

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NAME: **Bruce Patrick Barrett**

DEGREES: **MD, PhD, MSPH**

TITLE: **Associate Professor of Family Medicine,**
with **Joint Appointments in Anthropology and Population Health**

Work: Department of Family Medicine
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FORMAL EDUCATION:

Undergraduate:

1982 University of Warwick. Coventry, England, Exchange Student in Philosophy
1984 B.S., Anthropology & Philosophy, University of Wisconsin, Madison, Wisconsin

Medical School:

1992 M.D., University of Wisconsin Medical School, Madison, Wisconsin

Graduate Degrees:

1987 M.S., Anthropology (Biological & Physical Anthropology), U.W. Madison
1992 Ph.D., Anthropology (Cultural & Medical Anthropology), U.W. Madison
1999 M.S., Population Health (Epidemiology), U.W. Department of Population Health

Post-Graduate Training:

1993-94 Johns Hopkins University International Health & Child Survival Fellowship, Guatemala
1994-97 Eau Claire Family Practice Residency, U.W. Madison Department of Family Medicine
1997-99 National Research Services Administration Primary Care Research Fellowship, U.W.-Madison

POSITIONS HELD:

Faculty Appointments:

1993-94 Health and Child Survival Fellow and Research Associate International Health Program, Johns Hopkins University, School of Hygiene and Public Health based in Guatemala at INCAP, the Nutrition Institute for Central America and Panama (World Health Organization Research Institute)

1997-99 Research Fellow & Clinical Instructor in Family Medicine, University of Wisconsin Medical School, Department of Family Medicine, Madison, Wisconsin

1999-2005 Assistant Professor of Family Medicine, U.W. Department of Family Medicine

2006-date Associate Professor of Family Medicine, U.W. Department of Family Medicine

2007-date Director – U.W. Primary Care Research Fellowship (Health Resources and Services Administration - Ruth L. Kirschstein National Research Service Award T-32)

Other Professional Appointments:

- 1994-97 Resident in Family Practice, Eau Claire Family Practice Residency Program, administered by U.W. Medical School Department of Family Medicine.
- 1995-97 Emergency Physician, Wisconsin Rural Health Cooperative
Emergency Physician, National Emergency Services
- 1997-99 Immediate Care Physician, Physicians Plus, Madison, Wisconsin.
Primary Care Physician, Madison Community Health Center, Madison, Wisconsin
Primary Care Physician & Resident Supervisor, Verona Family Medicine Clinic

Other Experience and Professional Service:

- 1986-1992 Board Member, President *Medical Aid to Central America*
- 1988-present Member, *Physicians for Social Responsibility*
- 2000-2004 President, Madison, WI, Chapter, *Physicians for Social Responsibility*
- 2000-present Member, *Physicians for a National Health Plan*
- 2001-2005 Member, Editorial Board, *Alternative Medicine Research Review*
- 2001-present Member, Advisory Board, *American Botanical Council (ABC)*
- 2002-present Member, Editorial Board, *Tarascon Pharmacopoeia*
- 2002-present Member, Editorial Board, *Focus on Alternative and Complementary Therapies*
- 2005-present Member, Advisory Board, *Medical Aid to East Timor*
- 2004-2008 Participant in assessment of physician practicing alternative methods
- 2004-2006 Member, Environmental Health Capacity Building Steering Team,
WI Dept. Health & Family Services
- 2005-present Primary Care Conference Planning Committee, U.W. Continuing Medical Education
- 2005-present Medical Advisory Board, *Madison Rafah Sister City Association*
- 2005-present Contributing author, *Cochrane Collaboration*
- 2005-present Member, External Advisory Committee, *Iowa Botanical Center*
Iowa State University, Ames IA
- 2006-present Member, Institutional Review Board Human Subjects Committee,
University of Wisconsin School of Medicine and Public Health
- 2006-present U.W. Department of Family Medicine: Member, Executive Committee, Finance
Committee, Promotions & Mentoring Committee
- 2007-present Advisor/faculty partner on Health Watch Wisconsin, an ABC for Health project

HONORS AND AWARDS:

- 1982-83 Dean's List, University of Wisconsin, Madison
- 1984 Graduation with Distinction, U.W. Madison
- 1984-85 All-University Fellowship, U.W. Madison
- 1988 Medical School Student Leadership Award, U.W. Medical School, Madison
- 1996 Best Resident Research Paper, William E. Scheckler Award, Department of Family
Medicine, U.W. Medical School
- 2001 Backyard Hero Award for Community Service. Community Shares of Wisconsin
- 2003-07 Robert Wood Johnson Foundation Generalist Physician Scholar
- 2004 Second place award for original research, American Academy of Family Physicians
Scientific Assembly
- 2004 Faculty Excellence Award for Research, U.W. Department of Family Medicine
- 2005 Article in *Medical Decision Making* highlighted with positive editorials
- 2006 William E. Scheckler Prize for Best Faculty Publication (UW DFM)
- 2006 British Medical Journal – top 10% of peer reviewers
- 2007-08 America's Top Family Doctors – Consumers Research Council of America

LICENSING & CERTIFICATION:

1995-date	State of Wisconsin Medical License
1995-date	Drug Enforcement Administration Certification
1997-date	Privileges at three Madison, Wisconsin hospitals: U.W. Hospital & Clinics, St. Mary's Hospital, Meriter Hospital
1998-date	Family Practice Board Certification
1997-2002	Certification in Advanced Cardiac Life Support

GRANTS AND MONETARY AWARDS:

- 2009-11 Meditation and Exercise for Prevention of Acute Respiratory Infection. NIH/NCCAM 1R01AT004313 (\$798,426) The main goal of this project is to determine whether mind-body practices such as meditation or exercise can reduce the public health burden of acute respiratory infection. Role: Principal Investigator Co-investigators - Roger Brown, Chris Coe, Mary Hayney, Donal MacCoon, Dan Muller, Davie Rakel, Ann Ward, Zhengjun Zhang.
- 2008-11 Primary Care Research Fellowship. Health Resources and Services Administration (HRSA). Ruth L. Kirschstein National Research Service Award (NRSA) T32HP10010-15-00 Funds six post-graduate research fellowship positions for up to \$400,000 per year (\$392,176 approved for 2008). Role: Principal Investigator (PI), Fellowship Director
- 2008-09 Intervention for adults with obesity: Feasibility study. This is a research project to determine the feasibility of providing mindfulness meditation training to obese women in order to allow them to improve awareness, decisions and behaviors regarding eating and exercise (\$45,662). Co-Principal Investigators Sarah Kahn, David Rakel. Co-Investigator: Bruce Barrett.
- 2007-10 Health Watch Wisconsin. Project by ABC for Health funded by the Wisconsin Partnership for a Healthy Future. This is a multi-tiered statewide implementation and quality improvement project to support expanded access to health care for uninsured and under-insured, aimed at enhancing individual counseling, legal services, and health care access advocacy (\$448,000). Project Director: Bobby Peterson. Faculty partner: Bruce Barrett
- 2003-07 Placebo: Physician or Pill? A randomized trial in a common cold model. NIH NCCAM R01 grant no. 1-R01-AT-1428 (\$1,252,980). Co-investigators: J. Bobula, K. Bone, R. Brown, B. Chewning, D. L. DeMets, L. Marchand, D. Rabago, D. Rakel, and C. D. Ryff. An R01 Grant funded by the National Center for Complementary and Alternative Medicine at the National Institutes of Health Responding to RFA: "The Placebo Effect in Clinical Practice" Role: Principal Investigator.
- 2003-07 Measuring the minimal important difference: Assessing patient-oriented outcomes in a common cold model. (\$299,945). Robert Wood Johnson Generalist Physician Faculty Scholars Program. Role: PI
- 2003-05 Tenure track start-up Research Funds. U.W. Medical School & Graduate School, University of Wisconsin Department of Family Medicine (\$60,000). Unrestricted funds.
- 2003 Determining the use of and need for culturally traditional healthcare in Madison's Hispanic community. (\$5,000) Wisconsin/Hilldale Undergraduate/Faculty Award
PI - Benjamin Schumaker. Role: Advisor, in conjunction with Patricia Téllez-Girón MD, and David Rakel MD.

- 2001-02 Development and validation of the Wisconsin Upper Respiratory Symptom Survey. Supported by Start-up funds and Clinical Research Feasibility Funds (CreFF) Award. General Clinical Research Center, U.W. Medical School (\$18,975). Role: PI
- 2000-02 Start up Research Funds, U.W. Medical School, Madison, Wisconsin, (\$40,000). Unrestricted funds.
- 1999-03 Mentored Patient-Oriented Research Career Development Award (K-23), National Center for Complementary and Alternative Medicine, National Institutes of Health (\$538,920). Role: PI
- 1998 Echinacea for respiratory infection: A randomized double blind community trial. Supported by Shaklee Technica (\$73,658). Role: PI
- 1998 Echinacea for Respiratory Infection: A randomized double blind community trial. U.W. Department of Family Medicine (\$3,880). Role: PI
- 1997-98 Alternative medicine in Madison: A qualitative study. U.W. Department of Family Medicine (\$4,000). Role: PI
- 1996-99 Vietnam High Plateau Primary Health Care and Economic Development Program Grant written by Judith Ladinsky & Nancy Volk, U.S. Committee for Scientific Cooperation with Vietnam. Program funded and re-funded to train/supply/supervise village health workers in 21 villages in Dak Lak Province, Vietnam (>\$100,000). Role: Co-investigator
- 1995 Hmong/Medicine Interactions: Culture and Health Care in Eau Claire, U.W. Department of Family Medicine Small Research Grant (\$4,000). Role: PI
- 1993-94 Johns Hopkins University Health and Child Survival Fellowship. Role: Research Associate 3/93-2/94 (>\$100,000).
- 1992 U.W. Madison Department of Anthropology Grant for NAPRALERT database search (\$750) NAPRALERT internal support for search (\$5,196). Medicinal plant and ethnopharmacology study.
- 1991 Medical anthropology and ethnobotany in southeastern Nicaragua.. University of Wisconsin-Madison Latin American and Iberian Studies Field Research Grant (\$2,047).
- 1989 Health care development in southeastern Nicaragua. Inter-American Foundation Doctoral Research Grant (\$13,575).
- 1988 Medical anthropology in the southern Atlantic autonomous region of Nicaragua. National Fund for Medical Education Research Grant (\$5,106).
- 1988 U.W. Madison Vilas Travel Grant (\$1,200).
- 1988 Health care utilization in Bluefields, Nicaragua. Institute for Intercultural Studies Grant (\$1,000).
- 1987 U.W. Medical School, Summer Student Research Grant (\$1,120) MD-PhD Program.
- 1987 Medical anthropology in Zelaya Sur, Nicaragua. Institute for Intercultural Studies (\$1,000).
- 1984-85 All-University Fellowship. U.W. Madison Graduate School. (\$7,600).

PUBLICATIONS:**Peer reviewed**

D.P. Rakel, T.J. Hoelt, B. Barrett, B.A. Chewning, B.M. Craig, M.Niu. Practitioner empathy and the duration of the common cold. *Family Medicine*. Accepted 12-08-08.

A.L. Bales, M.J. Peterson, S. Ojha, K. Upadhaya, B. Adhikari, B. Barrett. Associations between betel nut (Areca catechu) and symptoms of schizophrenia among patients in Nepal: A longitudinal study. *Psychiatry Research*. In press, 2008.

B. Barrett, M. Mundt, R. Brown. Comparison of anchor-based and distributional approaches in estimating important difference in common cold. *Quality of Life Research* 17(1):75-85, 2008

B. Barrett and D.J. Brown. Clinical overview: CVT-E002 (Cold-fX). *Herbalgram: Journal of the American Botanical Council* 77:42-43, 2008.

B. Barrett, D. Rakel, B. Chewning, L. Marchand, D. Rabago, R. Brown, J. Scheder, R. Schmidt, J. E. Gern, K. Bone, G. Thomas and S. Barlow. Rationale and methods for a trial assessing placebo, echinacea and doctor patient interaction in common cold. *Explore: The Journal of Science and Healing* 3(6):561-572, 2007.

B. Barrett, S. Endrizzi, P. Andreoli, S. Barlow, Z. Zhang.. Clinical significance of common cold treatment: Professionals' opinions. *Wisconsin Medical Journal* 106(8):473-480, 2007.

B. Barrett, B. Harahan, D. Brown, Z. Zhang, R. Brown. Sufficiently important difference for common cold: Severity reduction. *Annals of Family Medicine* 5(4):216-223, 2007. PMID: PMC1886488

B. Barrett and M. Stiles. What a fair and rational health system would look like. *Wisconsin Medical Journal* 106(1):9-11, 2007.

D. Rabago, B. Barrett, L. Marchand, R. Maberry, M.Mundt. Qualitative aspects of nasal irrigation use by patients with chronic sinus disease in a multi-method study *Annals of Family Medicine*, 4(4):295-301, 2007. PMID: PMC1522156

Barrett B. Therapeutics and safety profile section in *Echinacea purpurea* Aerial: Standards of analysis, quality control and therapeutics. *American Herbal Pharmacopoeia and Therapeutic Compendium*. A.H.P., Santa Cruz, CA. 2007.

Husted, C. and Barrett B. Therapeutics and safety profile section in monograph: *Echinacea angustifolia* root: Standards of analysis, quality control and therapeutics. *American Herbal Pharmacopoeia and Therapeutic Compendium*. A.H.P., Scotts Valley, CA. 2007.

Barrett B. Echinacea and ginseng for immunomodulation and protection from respiratory infection. *PharmacologyOnLine* 3: 392-407, 2006.

D. Appelbaum, B. Kligler, B. Barrett, M. Frenkel, M. P. Guerrero, K. A. Kondwani, B. B. Lee, and E. Tattelman. Natural and traditional medicine in Cuba: lessons for U.S. medical education. *Academic.Medicine* 81 (12):1098-1103, 2006.

Rabago D, Barrett B, Marchand L, Maberry R, Mundt M. Qualitative aspects of nasal irrigation use by patients with chronic sinus disease in a multi-method study. *Annals of Family Medicine* 4(4):295-301, 2006.

- Barrett B., R. Brown, R. Volland, R. Maberry, and R. Turner. Relations among questionnaire and laboratory measures of rhinovirus infection. *European Respiratory Journal* 28(2):358-362, 2006.
- Barrett B, Muller D, Rakel D, Rabago D, Marchand L, Scheder J, Placebo, meaning and health. *Perspectives in Biology and Medicine*. 49(2):178-198, 2006.
- Barrett B. New review on echinacea reinvigorates debate on evidence of popular herb's benefits. *Herbalgram: Journal of the American Botanical Council* 71:36-37, 2006.
- Linde K, Barrett B, Wölkart K, Bauer R, Melchart D. Echinacea for preventing and treating the common cold. *Cochrane Collaboration Systematic Review*. Issue 1, 2006.
- Barrett B, Brown RL, Mundt MP, Safdar N, Dye L, Maberry R, Alt J. The Wisconsin Upper Respiratory Symptom Survey is responsive, reliable, and valid. *Journal of Clinical Epidemiology* 2005; 58(6):609-617..
- Rabago D, Pasic T, Zgierska A, Mundt M, Barrett B, Maberry R. The efficacy of hypertonic saline nasal irrigation for chronic sinonasal symptoms. *Otolaryngology: Head and Neck Surgery* 2005; 133(1):3-8.
- Barrett B, Brown D, Mundt MP, Brown RL. Sufficiently important difference: Expanding the framework of clinical significance. *Medical Decision Making*, 2005; 25(2):1-11. *This article was highlighted and accompanied by the following two positive editorials:*
- Lehmann HP. Are we ready for patient-based effect sizes in clinical-trials research? *Medical Decision Making* 2005; 25 (3):248-249.
- Brand DA. Benefits, harms, and the design of clinical trials. *Medical Decision Making* 2005; 25 (3):246-247.
- Barrett B, Brown RL, Mundt MP, Dye L, Alt J, Safdar N, Maberry R. Using benefit harm tradeoffs to estimate sufficiently important difference: the case of the common cold. *Medical Decision Making* 2005; 25(1):47-55.
- Barrett B. Therapeutics and safety profile section in *Echinacea purpurea* root: Standards of analysis, quality control and therapeutics. *American Herbal Pharmacopoeia and Therapeutic Compendium*. A.H.P., Santa Cruz, CA. 2004.
- Barrett B, Marchand L, Scheder J, Appelbaum D, Plane MB, Bluestein J, Maberry R, Capperino C. What complementary and alternative medicine practitioners say about health and health care. *Annals of Family Medicine* 2004; 2(3):253-259. PMID: PMC1466673
- Barrett B, Marchand L, Scheder J, Plane MB, Maberry R, Appelbaum D, Rakel D, Rabago D. Themes of holism, empowerment, access and legitimacy define complementary, alternative and integrative medicine in relation to conventional biomedicine. *Journal of Alternative and Complementary Medicine* 2003; 9(5):937-947.
- Barrett B. Alternative, complementary, and conventional medicine: Is integration upon us? *Journal of Alternative and Complementary Medicine* 2003; 9(3):417-427.
- Barrett B. *Echinacea*: A safety review. *HerbalGram: Journal of the American Botanical Council* 2003; 57:36-39.
- Barrett B. Medicinal properties of echinacea: A critical review. *Phytomedicine* 2003; 10(1):66-86.

- Rabago D, Zgierska A, Mundt MP, Barrett B, Bobula J, Maberry R. Efficacy of daily hypertonic saline nasal irrigation among patients with sinusitis: A randomized controlled trial. *Journal of Family Practice* 2002; 51(12):1049-1055.
- Barrett B, Brown R, Locken K, Maberry R, Bobula J, D'Alessio D. Treatment of the common cold with unrefined echinacea: A randomized, double-blind, placebo-controlled trial. *Annals of Internal Medicine* 2002; 137(12):939-946.
- Barrett B, Locken K, Brown R, Bobula J, Maberry R, Schwamman J, Stauffacher E. The Wisconsin Upper Respiratory Symptom Survey (WURSS): A new research instrument for assessing the common cold. *Journal of Family Practice* 2002; 51(3):265.
- Barrett B. Complementary and alternative medicine: What's it all about? *Wisconsin Medical Journal* 2001; 100(7):20-26.
- Barrett B, Ladinsky J, Volk N. Village-based primary health care in the central highlands of Vietnam. *Journal of Community Health* 2001; 26(1):51-71.
- Barrett B, Kiefer D. Medicinal plants, science and health care. *Journal of Herbs, Spices, and Medicinal Plants* 2001; 8(2/3):1-36.
- Barrett B. *Echinacea* for upper respiratory infection: An assessment of randomized trials. *HealthNotes: Review of Complementary and Integrative Medicine* 2000; 7(3):211-218.
- Barrett B, Marchand L, Scheder J, Appelbaum D, Chapman M, Jacobs C, Westergaard R, St. Claire N. Bridging the gap between conventional and alternative medicine: Results of a qualitative study of patients and providers. *Journal of Family Practice* 2000; 49(3):234-239.
- Barrett B, Vohmann M, Calabrese C. *Echinacea* for upper respiratory infection: Evidence-based clinical review. *Journal of Family Practice* 1999; 48(8):628-635.
- Barrett B, Kiefer D, Rabago D. Assessing the risks and benefits of herbal medicine: An overview of scientific evidence. *Alternative Therapies in Health and Medicine* 1999; 5(4):40-49.
- Barrett B, Shadick K, Schilling R, Spencer L, del Rosario S, Moua K, Vang M. Hmong/medicine interactions: Improving cross-cultural health care. *Family Medicine* 1998; 30(3):179-184.
- Barrett B. Herbs and healing on Nicaragua's Atlantic coast. *Herbalgram: Journal of the American Botanical Council* 1998; 41:35-48.
- Barrett B. Identity, ideology and inequality: Methodologies in medical anthropology, Guatemala 1950-1995. *Social Science and Medicine* 1997; 44(5): 579-587.
- Barrett B., Kiefer D. Ethnomedical, biological and clinical support for medicinal plant use on Nicaragua's Atlantic Coast. *The Journal of Herbs, Spices and Medicinal Plants* 1996; 4(3):77-107.
- Barrett B, Kiefer D. Ethnomedicine and sustainable development (invited editorial). *Journal of Herbs, Spices and Medicinal Plants* 1996; 4(3):1-2.
- Barrett B. Integrated local health systems in Central America. *Social Science and Medicine* 1996; 43(1):71-82.

Barrett B. Ethnomedical interactions: Health and identity on Nicaragua's Atlantic coast. *Social Science and Medicine* 1995; 40(12):1611-1621.

Barrett B. Herbal knowledge on Nicaragua's Atlantic coast: Consensus within diversity. *Journal of Community Health* 1995; 20(5):403-421.

Barrett B. Plants, pesticides and production in Guatemala: Nutrition, health, and nontraditional agriculture. *Ecology of Food and Nutrition* 1995; 33:293-309.

Barrett B. Medicinal plants of Nicaragua's Atlantic coast. *Economic Botany* 1994; 48(1):8-20.

Barrett B. Interracciones etnomedicas: salud y cultura en el Caribe Nicaragüense. *Wani: Centro de Investigación y Documentación de la Costa Atlántica*. Published by CIDCA, Managua, Nicaragua, 1994.

Barrett B. Health care behavior on Nicaragua's Atlantic coast. *Social Science and Medicine* 1993; 37(3):355-368.

Papers in progress

Validation of a short form Wisconsin Upper Respiratory Symptom Survey (WURSS-21). Bruce Barrett, Roger Brown, Marlon Mundt, Gay Thomas, Shari Barlow, Mozhdeh Bahrainian, Alex Highstrom. This study compares the WURSS-21 to the WURSS-44, and to the SF-36, SF-8, and Jackson cold scale, and represents 230 participants monitored for 1,857 person-days of illness.

Structural expression of the common cold. Bruce Barrett MD PhD, Roger Brown PhD, Marlon Mundt PhD, Mozhdeh Bahrainian MD, Gay Thomas MS, Shari Barlow. This paper combines and analyzes data from three cohorts: i) phase one WURSS validation (N=149 subjects, 1,681 person days), ii) phase two WURSS validation (N=230 subjects, 2,457 person days), and iii) a randomized controlled trial testing placebo, echinacea, and doctor patient interaction (N=716 subjects, >6,000 person days).

PEP trial = Physician Echinacea Placebo. Barrett B, Rabago D, Rakel D, Marchand D, Brown R, Scheder J, Draheim L et al. At present we have 14 papers sketched out with tentative titles, focus and authorship. The first batch of manuscripts will report effects of echinacea, placebo and patient doctor interaction on length and severity of common cold. The next set of papers will describe secondary outcomes and associations, such as relationships among demographic (eg. age, gender, ethnicity) and psychodynamic (eg. anxiety, optimism, sociability) variables in terms of predicting or explaining common cold outcomes.

Barrett B, Alvarado B, Maberry R. Development of a Spanish version of the Wisconsin Upper Respiratory Symptom Survey (WURSS Español 20).

Book chapters

Barrett B. Productive Cough (Acute bronchitis). Chapter 31, pp.287-292 in textbook *Essential Family Practice: Fundamentals & Case Studies*, 3rd Edition, edited by Robert E. Rakel MD. Published by W.B. Saunders, 2006.

Barrett B. Viral upper respiratory infection. Chapter 20, pp209-220. *Integrative Medicine*, 2nd Edition, edited by David Rakel MD, Elsevier, publisher. 2007.

Rindfleisch A., Barrett B. Herbal and other dietary supplements. Chapter 17, pp243-265. *Textbook of Family Medicine*, 7th Edition. edited by Robert Rakel MD, W.B. Saunders, publisher. 2007.

Non-peer reviewed

B. Barrett. Placebo, meaning, and randomised trials. Invited editorial. *Focus on Alternative and Complementary Therapies*, 2006; 11(2):96-100.

Barrett B. Limited trial reports benefit for an herbal formula for common cold. *Focus on Alternative and Complementary Therapies*, 2006; 11(2):112-114.

Barrett B. New review on echinacea reinvigorates debate on evidence of popular herb's benefits. *HerbalGram: Journal of the American Botanical Council*, 2006; 70:36-37.

Barrett B. Echinacea: Its value may be in the way you look at it. *Contagion: Reports, cases and commentaries in HIV and infectious disease research* 2005; 2(9):382-383. Invited review of Caruso TJ, Gwaltney JM Jr. Treatment of the common cold with echinacea: a structured review. *Clinical Infectious Diseases*. 2005; 40:807-810.

Barrett B. Echinacea. Ask the experts (Feature column). *Explore: The Journal of Science and Healing* 2005; 1(3):234.

Barrett B. *Echinacea purpurea* extract ineffective as common cold treatment. *Focus on Alternative and Complementary Medicine* 2004; 9(4):285-287.

Barrett B. First trial of echinacea as treatment for colds in children is negative. *Focus on Alternative and Complementary Medicine* 2004; 9(2):122-124.

Barrett B. Invited commentary for *Journal of Pediatrics* Current Best Evidence section July 2004; pages 135-36. Re: J. A. Taylor et al. Efficacy and safety of echinacea in treating upper respiratory tract infections in children: a randomized controlled trial. *JAMA* 2003; 290 (21):2824-2830.

Barrett B. Zinc nasal gel may shorten duration and reduce severity of the common cold. *Focus on Alternative and Complementary Medicine* 2003; 8(2):202-203.

Barrett B. Neither Vitamin E nor multivitamin with minerals prevents respiratory infection among elderly. *Focus on Alternative and Complementary Medicine*. 2003; 8(1):37-38.

Barrett B. Invited book review of *Medicine and Morality in Haiti* by Paul Brodwin. *Social Science and Medicine* 1998;47(1):147-152.

Barrett B. Invited book review of *Health, "Race" and Ethnicity* by Chris Smaje. *Social Science and Medicine* 1996;43(6):1032-1033.

Ladinsky J, Anstett R, Blobner D, Barrett B, Volk N. *Guide for Village Primary Health Care Workers in the Socialist Republic of Vietnam*. Translated, published and printed in Vietnam, 1995.

Barrett B. Pesticides and "development" in Guatemala. *Farmer to Farmer Newsletter*. 1994;6(2):3.

Barrett B. Pesticide dumping: the human cost. *The Madison Edge*. 1994;5(5):3+.

Barrett B. Poisoning Guatemala. *The Progressive Review*. 1994;326:5+.

Barrett B. Spirits, sickness & solidarity on Nicaragua's Atlantic coast. WCCN (Wisconsin Coordinating Council on Nicaragua) *Sister State Update*. 1991; 7(3):2-3.

Barrett B. Culture and medicine on Nicaragua's Atlantic coast. *Wisconsin Medical Alumni Quarterly*. 1989;29(2):20-1.

Barrett B. Nicaragua - health, the revolution, and war. *International Health Task Force Newsletter*. May 1988, American Medical Student Association, Washington DC.

Barrett B. After the revolution. *The New Physician*. 1988;37(1):35-6.

Letters to the editor

Stiles M, Barrett B. Medicine and the Pharmaceutical Industry: One Step Forward, Countless Back. *American Family Physician* 2007; 75(10):1447.

Barrett B, Stiles M. Letter to the editor: Yes to single payer reform. Response to article: Health care reform: Why? What? When? by V. Fuchs and E. Emanuel in the November/December 2005 *Health Affairs*. Published as "lead letter" 2006; 25(1):293.

Rabago D, Barrett B, Marchand L. Letter to the editor: Nasal irrigation to treat acute bacterial rhinosinusitis. *American Family Physician* 2005;72:1661-2

Rabago D, Barrett B, Zgierska A. Letter to the editor: Nasal irrigation as adjunctive care for acute sinusitis. *Journal of Family Practice* 2004; 53(2): 137.

Dissertation

The Syringe and the Rooster Dance: Medical Anthropology on Nicaragua's Atlantic Coast. Anthropology, University of Wisconsin-Madison, 1992.

Master's Thesis

Black and White in a Green Land: Dialectics of Health in Nicaragua. University of Wisconsin-Madison, 1986.

Unpublished papers

Pesticides and health in Guatemala: an annotated literature review and bibliography. Submitted to INCAP, WHO research institute, Guatemala City, September 1993.

An independent evaluation of the document *Nontraditional export crops among smallholder farmers and production, income, nutrition, and quality of life effects: a comparative analysis 1985-1991*. Submitted to INCAP & USAID/Guatemala, September 1993.

A statistical analysis of Bluefields with an emphasis on health. Submitted to MINSARAAS (*Ministerio de Salud - Región Autónoma Atlántica Sur*), Bluefields, August 1990.

Orinoco, Kakabila, Karawala and Rama Cay: a statistical analysis with an emphasis on health. Submitted to MINSARAAS (*Ministerio de Salud - Región Autónoma Atlántica Sur*), Bluefields, August 1990.

RESEARCH

- 2003-07 Measuring minimal important difference: Assessing patient-oriented outcomes in a common cold model. Multi-phase project supported by the Robert Wood Johnson Foundation Generalist Physician Scholars Program. Role: PI
- 2003-08 Placebo, physician or pill? A randomized trial in a common cold model. NIH-NCCAM funded trial testing effects of echinacea, placebo, and standard and enhanced clinical interaction among community-recruited participants with new onset upper respiratory infection. Role: PI.
- 2005-08 Associations between betel nut (*Areca catechu*) and symptoms of schizophrenia in Nepal. U.W. medical student and Fulbright scholar Alicia Bales wrote the protocol and is coordinating the study in Nepal. Barrett role: Faculty advisor and official PI for IRB and regulatory purposes. Results in press *Psychiatry Research*
- 2005-07 Survey of experts, faculty, and resident physicians regarding evidence of benefit of common cold treatments. A list of 150 “experts,” (ie. people who have published significantly in this field) was compiled, and an on-line survey administered. Results published in *Wisconsin Medical Journal* 2007.
- 2003-05 Advisor and physician prescriber for a human subjects randomized controlled trial testing taurine and caffeine (in amounts identical to those in the popular soft drink Red Bull) for effects on short-term learning and memory. This project was designed and carried out by University of Wisconsin - Madison students under the supervision of Michelle Harris, Associate Faculty in Zoology. Resulting article “A combination of caffeine and taurine has no effect on short-term memory but induces changes in heart rate and mean arterial blood pressure” authored by Allison Bichler, Annika Swenson and Michelle Harris published in *Amino Acids*.
- 2000-2008 Systematic review of randomized trials of complementary and alternative therapies for the common cold (zinc, vitamin C, echinacea). Echinacea results published as Cochrane review and in other journals. Results on zinc vitamin C incorporated in book chapters but not published separately . Role: PI.
- 2000-present Development and validation of the Wisconsin Upper Respiratory Symptom Survey (WURSS), the world’s premier illness-specific quality-of-life outcomes instrument for measuring symptomatic and functional impact of acute upper respiratory infection (colds and flu).

A number of researchers around the world have used (or expressed intentions of using) WURSS in a variety of research settings. These include investigators at: University of California San Francisco (2002-2008); University of Queensland, Australia (2002); University of Wolverhampton, England (2002-04); Case Western University (2003); Harvard University (2003); University of Southern Indiana (2003); Novartis Consumer Health, Hungary (2003); Baylor University in Texas (2003-04); University of Brisbane, Australia (2004-05); Bayer-sponsored URI trial in Italy (2004-06); University of Iowa (2004); Altamira Family Medicine, San Juan, Puerto Rico (2005); UCLA - Harbor UCLA (2005-06); Laboratoires Goemar, Saint Malo, France (2005-06); University of Leuven, Belgium, with field work in Peru (2005-2007); Northwestern University (2005-06); Unilever, the Netherlands (2006); Hindustan Lever Research Centre, Bangalore, India (2006); Baskent University, Ankara, Turkey (2006); California School of Professional Psychology, San Diego (2006); McMaster, Hamilton, Ontario, Canada (2006); University of North Carolina, Chapel Hill (2006); Navy Medical Center Portsmouth (2006); Appalachian State University (2006); Bastyr University, Seattle (2006); Philadelphia Center for Health Equity

Research & Promotion (2006); University of Rochester (2007); Duke University Clinical Research Institute (2007); California School of Professional Psychology, Sacramento (2007); Washington University School of Medicine (2007); Georgetown University (2007); East Carolina University (2007); Research Institute for Sport and Exercise Sciences, Liverpool, U.K. (2007); Universiti Teknologi MARA Shal Alam, Malaysia (2007); Daejeon University, South Korea (2007); University of Wales at Bangor, Wales, U.K. (2007); Washington University School of Medicine, St. Louis MO (2007); Georgetown University, Washington DC (2007); SouthHamptom University Hospital, England (2007); Fundacion Santafe, Bogota, Columbia (2007); University of Western Australia (2007); McNeil Consumer HealthCare, Fort Washington, Pennsylvania (2007), University of Iowa, Coralville, Iowa (2007); Research Institute, Lancaster General Hospital, PA (2007); Davao Medical School, Davao City, Philipines (2007); Northwestern University, Chicago (2007); Georgetown University, Washington DC (2007); Pharma Projects, Czech Republic (2007); Castle Hill, Cottingham, U.K. (2007); Northcentral University, Pembroke Pines, FL (2007); Northcentral University, Pembroke Pines, Florida (2007); Queen Mary University, London, England (2007); University Hospital Heidelberg, General Practice and Health Services Research, Heidelberg, Germany (2007); University of California San Francisco (2007); Department of Physiology, Medical University of Vienna, Austria (2007); Université de Montreal (2008); St John Fisher College, Rochester, N.Y. (2008); Massey University / Zespri, Mt Maunganui, New Zealand (2008); Burgmann College, Canberra, Australia (2008); Coventry University, Coventry, U.K. (2008); University of South Carolina (2008); University of Texas, San Antonio (2008); University of Georgia (2008); University of Western Australia (2008); Washington University, St. Louis (2008); James Cook University, Australia (2008). Research Institute, Lancaster General Hospital (2008); University of Jyväskylä, Finland (2008); University of Exeter, U.K. (2008); Griffith University, Gold Coast Campus, Australia (2008); University of Massachusetts, Amherst (2008); Shinobu University, Shinobu, Japan (2008); Georgetown University (2009); Murrayville Family Practice, Langley, Canada (2009); University of Montana, Missoula (2009); Georgetown University, Smithtown, New York (2009); University of Torino, Italy (2009); Sports Medicine, Technical University of Munich, Germany (2009); Faculdade de Educacao Fisica de Limeira, Sao Paulo, Brasil (2009); University of KwaZulu-Nata, Durban, South Africa (2009); Allergy & Immunology, Vzsoké Tatry, Slovakia (2009); University College, London, England (2009); Texas Women's University, Houston, Texas (2009); Clinical Consulting, Quebec, Canada (2009); University of Sumatera Utara, Medan, Indonesia (2009); Family Practice, Trinidad and Tobago (2009); Georgetown University (2009); Biopharmacopae Design International, Quebec, Canada (2009), Seattle Children's Hospital, Seattle, Washington (2009), University of Alberta, Alberta, Canada (2009), Reckitt Benckiser Inc., Long Valley, New Jersey (2009). WURSS is listed in questionnaire outcome instrument databases including Health and Psychosocial Instruments (HAPI) and QOLID/PROQOLID - Mapi Research Trust. Bruce Barrett is Principal Investigator and primary copyright holder (at least 50%) of all versions of WURSS.

- 1999-01 A multi-disciplinary interview-based qualitative study of complementary and alternative practitioners in the Madison area. Completed and published. Role: PI.
- 1998-00 Echinacea for respiratory infection: A randomized blinded community trial. Completed and published. Role PI.
- 1998-00 Alternative medicine in Madison – A multi-disciplinary qualitative research project interviewing patients and practitioners of complementary medicine. Completed and published. Role: PI.
- 1996-97 Hmong/Medicine interactions: Culture and health care in Eau Claire, Wisconsin, Qualitative study: Hmong patients and their health care providers. Completed and published. Role: PI.
- 1993 Associate investigator, *Instituto de Nutrición de Centro América y Panamá* (World Health Organization) Various Projects in Guatemala and El Salvador (ten months).

- 1991 Fieldwork in Nicaragua (six weeks): Collection of medicinal plant botanical specimens.
- 1989-90 Fieldwork in Nicaragua (ten months): Anthropology PhD, Health care development, including 800-household, five-community survey.
- 1988 Fieldwork in Nicaragua (five months): Ethnobotany on the Atlantic coast of Nicaragua working with Ministry of Health, Bluefields, Nicaragua.
- 1987 Fieldwork in Nicaragua (one month): MS thesis - "Health care development." Role: PI.
- 1986 Fieldwork in Nicaragua (one month): Preliminary research.

Future Research Directions

Meditation and exercise for prevention of acute respiratory infection. Resubmitted application received a 169 priority score, but has not yet been funded. Several hundred participants would be randomized to: A) meditation, B) exercise, or C) usual care. Outcomes to include: 1) response to influenza vaccination and 2) incidence, severity and duration of acute respiratory illness during 6 month follow-up period. Potential funder = National Institutes of Health - National Center for Complementary and Alternative Medicine (NIH-NCCAM), R01 grant, 5 year study.

Physician, Echinacea and Placebo (PEP trial). Supplemental methods and results proposal. This would be submitted to NIH NCCAM as a supplement to the current R01 PEP trial. The purpose is to develop and test coding and rating methods for analyzing the hundreds of videotaped doctor-patient interactions resulting from the PEP trial. We would also ask for support to identify virus and measure additional inflammatory cytokines in the nasal wash fluids currently being stored at minus 70 C.

Benefit harm trade-offs to assess sufficiently important difference (SID) for dementia, diabetes, depression and hyperlipidemia. This would be a random digit dial telephone survey using benefit harm trade-off interview methods to assess SID for the conditions listed above. To achieve reasonable power and precision, this would likely require more than 2,000 respondents. An application to the Wisconsin Partnership Program Medical Education and Research Committee (MERC) Collaborative Health Sciences Program in 2008 received reasonable review but was not funded. Plans to re-apply to MERC and other potential funders (AHRQ, Kaiser Permanente, etc)

Outcomes and Cost-Effectiveness Studies of CAM Using Existing Practice-based Research Networks. RFA for R21 mechanism posted by NIH NCCAM. Specific proposal plans under discussion. Potential DFM co-investigators would be Dave Rakel, Paul Smith and Marlon Mundt.

Mid-career investigator award in patient-oriented research. This NIH K24 grant mechanism is offered by NIH NCCAM, and could support as much as 50% of Dr. Barrett's salary for 5 years. If successful, this would allow Dr. Barrett to focus attention on research, teaching and mentoring.

NIH NCCAM is accepting proposals for Centers of Excellence for Research on Complementary and Alternative Medicine. This would require 3 or 4 related projects at the R01 level that would focus on a specific complementary/alternative therapy and/or health condition, investigating mechanisms as well as outcomes. Such a P01 Center grant could ask for up to \$1.2 million per year for up to 5 years. Dr. Barrett has begun discussions with successful U.W. investigators

regarding the possibility of submitting such a proposal by February 2007.

Reliability, responsiveness and validity of the Spanish version of the Wisconsin Upper Respiratory Symptom Survey (WURSS Español 20). This would require 150 to 200 Spanish speakers to fill out the instrument during upper respiratory illness episodes.

TEACHING

- 1999-date Dr. Barrett has taught widely in many settings, including university lecture halls, hospitals and clinics, public schools, scholarly meetings, community settings, and continuing medical education conferences. Please see Presentation section of CV.
- 1999-2007 Inpatient primary care teaching. Dr. Barrett is attending physician on the family medicine service at St. Mary's Hospital for at least two weeks each year. In this role he is responsible for teaching and supervision of the in-patient service, which usually includes three or four family medicine resident physicians and often a medical student.
- 1998-date Outpatient primary care teaching. Dr. Barrett has done one-on-one supervision and teaching of family medicine resident physicians at the UW Health Verona clinic. Every year 3 or 4 new residents arrive as interns, learning clinical medicine in a continuity of care setting. This regular teaching role has averaged at least 4 hours per week over these years.
- 1995-date Bruce Barrett has served as a mentor, one-on-one teacher, research supervisor, or regular clinical supervisor for 4 undergraduate, 6 graduate students, 7 medical students, 15 resident physicians, and 3 junior faculty. See separate listing.
- 2000-01 L. Marchand, B. Barrett, J. Scheder and D.Appelbaum's "Participant-Observation PDS (Patient Doctor and Society) Project" in which medical students were trained in participant observation and notation regarding patient-doctor interactions.
- 1994-97 Various talks, projects, and medical student and resident teaching within the Eau Claire Family Practice Residency, Eau Claire, Wisconsin.
- 1992 Summer Enrichment Program (Anthropology), University of Wisconsin, Madison, Wisconsin.
- 1990-91 Teaching Assistant: Organismal Biology, Fall 1990; Cellular Biology, Spring 1991, University of Wisconsin, Madison, Wisconsin.
- 1987 Teaching Assistant: Cellular Biology, Biocore Program, University of Wisconsin, Madison, Wisconsin.
- 1985 Teaching Assistant: Introductory Zoology, University of Wisconsin, Madison, Wisconsin.

PRESENTATIONS:**Departmental:**

- 2009 Designing a trial to test meditation and exercise for immuno-stimulation and prevention of respiratory infection. May 29.
Medical student summer research program
- 2008 Randomized controlled trial methods and applicability to primary care. June 18.
Medical student summer research program
- 2001-09 Complementary and alternative medicine. Annual lecture to family medicine residents.
- 2001-08 Upper respiratory infection. Annual lecture to family medicine residents
- 2007 What kind of evidence is needed to guide and improve clinical medicine? Talk to summer research medical students. June 5
- 2007 Randomized controlled trials: methods, strengths and limitations. Medical student summer research program. June 22.
- 2006 When do Benefits Justify Costs and Risks? Assessing the Sufficiently Important Differences for the Common Cold. Primary Care Conference. July 19.
- 2006 Finding nothing or nothing to find? Power, hypotheses, and negative trials. Primary care research fellowship seminar. March 28.
- 2006 Placebo effects. Herbal medicine. (Two separate talks). Invited talks at Department of Family Medicine, Appleton. April 11.
- 2001-05 Herbal medicine. Annual lecture to family medicine residents.
- 2005 Toxins, health, science and the precautionary principle. Lecture to U.W.-Madison Department of Family Medicine resident family physicians. September 14.
- 2005 Methods for assessing clinical significance: examples from the common cold. U.W.-Madison Department of Family Medicine Research Forum. January 4.
- 2004 Coughs, colds & allergy: diagnosis and treatment. Lecture to family medicine residents. September 8.
- 2004 Science, methods, and health. Generalist Research Fellowship Lecture Series. January 13.
- 2003 Placebo, meaning and health. Complementary, alternative and integrative medicine. Invited talk at Department of Family Medicine, Appleton, Wisconsin. September 16.
- 2002 Wisconsin Upper Respiratory Symptom Survey: An update. Department of Family Medicine Fall Meeting, Monona Conference Center, Madison, Wisconsin, November 7.

- 2002 Herbal medicine: overview and current evidence. Department of Family Medicine, Appleton, Wisconsin. Invited talk, April 23.
- 2000 Paradigms, pennies and patience: Designing multi-method research and getting it funded. Generalist Research Fellowship Lecture Series, April 4.
- 1996 Hmong/Medicine interactions. Statewide Faculty Meeting, Department of Family Medicine, Spring Green, Wisconsin, September 20.

University of Wisconsin – Madison and U.W. Medical School:

- 2009 Overview of a Clinical Research Career: Panel of Clinician Scientists. June 10
UW Institute for Clinical and Translational Research
- 2009 Qualitative methods. Lecture to U.W. Rehabilitation Medicine Resident Physicians
May 15, 2009.
- 2009 Assessing benefit in clinical research: Examples from common cold. Primary
Care Research Fellowship. February 24.
- 2008 Designing randomized controlled trials: A group exercise. Primary Care Research
Fellowship. September 30.
- 2008 Placebo, meaning and health. Primary care conference. St Marys Hospital. July 23.
- 2008 Strategies for success when revising and resubmitting grant proposals. Bruce Barrett
with David Rabago MD. U.W. Primary Care Research Fellowship. April 1.
- 2008 Herbal medicine. Invited lecture to medical students taking elective course on
complementary and alternative medicine. March 3.
- 2008 How to work with a mentor and how to be a mentor. Bruce Barrett with Mary Beth
Plane PhD. Primary Care Research Fellowship. February 5.
- 2008 Recruitment, consent and monitoring of human subjects. UW Primary Care Research
Fellowship. January 29.
- 2008 Self-reported health: Development and validation of questionnaire outcome
instruments. UW Primary Care Research Fellowship. January 15.
- 2007 Curricula vitae and biosketches: Utility and limitations. UW Primary Care Research
Fellowship. December 18.
- 2007 Interface between population health science and primary care research. Bruce Barrett
with Javier Nieto MD PhD UW Primary Care Research Fellowship. December 11.
- 2007 Qualitative research methods, UW Primary Care Research Fellowship. October 9.
- 2007 Ethics, IRBs, and human subject research. UW Primary Care Research Fellowship.
October 2.
- 2007 Assessing clinical significance: The case of the common cold. UW Primary Care
Research Fellowship. September 4.

- 2007 Health care quality in the U.S. and Canada. U.W. Continuing Medical Education Primary Care Conference. Madison. November 15.
- 2007 Update on herbals. Invited talk at U.W. conference “Current concepts in nutrition and aging” Pyle Center, Madison. September 13.
- 2006 Integrating integrative medicine in a research and clinical career. Invited talk with U.W. medical students. April 13.
- 2005 Herbal medicine: An evidence-based perspective. Invited lecture to U.W. medical students. November 8.
- 2005 Alternative therapies for upper respiratory infection. Placebo, Meaning & Health. Two guest lectures, University of Wisconsin School of Pharmacy Course 728: Herbals, Homeopathy, and Dietary Supplements, March 10.
- 2004 Assessing clinical significance for common cold. Population Health Weekly Seminar. Department of Population Health, University of Wisconsin, Madison, Wisconsin. Invited talk, December 13. Scheduled.
- 2004 Health, science, and the precautionary principle. Invited guest lecture in University of Wisconsin Course 606, Colloquium in Environmental Toxicology. Molecular and Environmental Toxicology, September 21.
- 2004 The precautionary principle. Invited talk with Karen Perry and Colleen Moore at University of Wisconsin Continuing Medical Education conference. Making the connection: Human health & environmental exposures, Madison, Wisconsin. June 4.
- 2004 Diet and nutrition. Invited talk at Continuing Medical Education conference , Pathways to Health and Healing: Implementing an Integrative Approach. Middleton, Wisconsin. Breakout session with Dave Rakel, MD and Adam Rindfleisch,MD. April 23.
- 2004 Placebo, Meaning & Health. Alternative therapies for upper respiratory infection. Two guest lectures, University of Wisconsin School of Pharmacy Course 728: Herbals, Homeopathy, and Dietary Supplements, March 6.
- 2003 Alternative therapies for upper respiratory infection: Echinacea, zinc and Vitamin C. Invited talk at University of Wisconsin School of Pharmacy Course 728: Herbals, Homeopathy, and Dietary Supplements, March 6.
- 2002 Herbal medicine: a look at the evidence. University of Wisconsin Department of Dermatology Conference, July 12.
- 2002 Herbal medicine: overview and current evidence. Complementary and Alternative Medicine Grand Rounds, University of Wisconsin Center for Integrative Medicine Invited talk, April 25.
- 2002 Echinacea: overview and evidence of efficacy. University of Wisconsin School of Pharmacy Course 728: Herbals, Homeopathy, and Dietary Supplements. Invited talk, April 18.

2001 Echinacea as an herbal medicine. Guest lecture at University of Wisconsin School of Pharmacy, Madison, Wisconsin, April 5.

State/Regional:

- 2008 Placebo, meaning and health. University of Wisconsin Primary Care CME conference. Concourse, Madison. November 14
- 2007 Sufficiently important difference in common cold. Wisconsin Research and Education Network annual meeting. Wisconsin Dells. November 1.
- 2007 Placebo, meaning and health. CME lecture. Beloit Memorial Hospital. August 8
- 2007 Sufficiently important difference for common cold. Wisconsin Research and Education Network Annual Forum. Waukesha, Wisconsin. June 16.
- 2007 Placebo, meaning and health. University of Wisconsin Continuing Medical Education Primary Care Conference. Madison. Invited talk. February 15.
- 2006 Placebo, meaning and health. Wisconsin Psychological Association Annual Meeting. Invited talk. April 7.
- 2005 Health, science, toxins and the precautionary principle. Environmental Health in Wisconsin, Statewide conference sponsored by Wisconsin Public Health, Environmental and Occupational Health. December 5.
- 2005 Herbal medicine with focus on endocrinology. Primary Care Symposium. Wausau, Wisconsin. September 9.
- 2005 Complementary, alternative and integrative medicine: An overview. Grand Rounds, Scared Heart Hospital, Eau Claire, Wisconsin. April 14.
- 2005 Herbal medicine: An update on evidence. Grand Rounds, Freeport Memorial Hospital, Freeport Illinois. January 11.
- 2004 Herbal medicine: Evidence of effectiveness of several popular herbs. State/regional conference: Current Concepts in Nutrition and Aging. Invited talk, September 23.
- 2004 Herbal medicine and mental health. Wisconsin Psychological Association Annual Meetings. Invited talk, April 1.
- 2001 Herbal medicine: Current evidence. Biofeedback Society of Wisconsin, Elkhart Lake, Wisconsin, October 6.
- 2000 Scientific use of herbal medicines. Wisconsin Academy of Family Physicians Annual Meeting, Waukesha, Wisconsin, June 11.
- 2000 Complementary and alternative medicine. Wisconsin Academy of Family Physicians, South Central Chapter, Madison, Wisconsin, May 10.
- 1999 Herbal medicine. NAON Orthopedic Nurses Association, Wausau, Wisconsin, November 4.

- 1999 Can ideas from alternative therapy help HEAL conventional medicine? Wisconsin Research Network, Wisconsin Dells, Wisconsin, October 29.
- 1998 Echinacea for respiratory infection. Wisconsin Primary Care Research Forum, Wausau, Wisconsin, October 31.
- 1998 Alternative medicine beliefs and practices. Wisconsin Primary Care Research Forum, Wausau, Wisconsin, October 30.
- 1997 Integrated health systems in Central America. Ninth Annual Conference on Central America, University of Wisconsin-Eau Claire, Eau Claire, Wisconsin, May 2.
- 1996 Hmong/Medicine interactions. Wisconsin Primary Care Research Network, Wausau, Wisconsin, October 25.
- 1996 Herbal Medicine in Nicaragua and Guatemala. Eighth Annual Conference on Central America, University of Wisconsin-Eau Claire, Eau Claire, Wisconsin, April 26.
- 1995 The impact of non-traditional agriculture in Guatemala. Seventh Annual Conference on Central America, University of Wisconsin-Eau Claire, Eau Claire, Wisconsin, April 28.
- 1995 Peace action in global perspective: Lessons from the Central American solidarity movement. Physicians for Social Responsibility - *Healing a Violent Society*. Madison, Wisconsin, February 13.
- 1991 Health, revolution & democracy: The case of Nicaragua's Atlantic coast. American Medical Student Association (AMSA) Regional Meeting, Madison, Wisconsin, November.
- 1988 Health and ethnicity in Eastern Nicaragua" AMSA Fall Regional Meeting, University of Illinois-Chicago, Illinois, October.
- 1987 Health care in revolutionary Nicaragua. AMSA Fall Regional Meeting, University of Illinois-Peoria, Illinois, October.

National:

- 2008 Practitioner empathy and duration of the common cold Poster presentation. Psychoneuroimmunology Research Society (PNIRS) Annual meeting 2008. Madison, May 30.
- 2007 Assessing clinical significance in common cold: Sufficiently important difference. Society of Teachers of Family Medicine Annual Meeting. Chicago. April 27.
- 2006 Sufficiently important difference, the design and interpretation of clinical trials, and regulation of pharmaceuticals. Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Program Annual Meeting, San Antonio, TX. Podium presentation. December 1.

- 2005 Benefit harm trade-offs estimate sufficiently important difference for reduction in severity of common cold. Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Program Annual Meeting, Ponte Vedre, Florida. Poster presentation. November 11.
- 2005 Assessing important difference and responsiveness in common cold. American Public Health Association 133rd Annual Meeting. New Orleans, Louisiana, Accepted for podium presentation November 8. Cancelled due to hurricane Katrina.
- 2005 Benefit harm trade-offs estimate sufficiently important difference for common cold treatments. 27th Annual Meeting of the Society for Medical Decision Making. San Francisco. Poster presentation. October 23.
- 2005 Placebo: Physician or Pill? A randomized trial in a common cold model. International Conference on Communication in Healthcare. Chicago, Illinois. Poster presentation. October 7.
- 2004 Using benefit harm trade-offs to estimate sufficiently important difference: the case of the common cold. Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Program Annual Meeting, San Diego California, November 18.
- 2004 Assessing clinical significance for common cold. American Academy of Family Physicians Scientific Assembly, Orlando, Florida. One of 24 papers selected for podium presentation. October 15.
- 2003 Benefit harm trade-offs estimate sufficiently important difference for common cold treatments. Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Program Annual Meeting, Houston, Texas. December 3.
- 2003 Integrative medicine. Primary Care Update Conference. Interstate Postgraduate Medical Association of North America, Orlando, Florida. Invited talk, October 29.
- 2002 Developing an illness-specific quality of life instrument. Primary Care Research Methods National Conference, San Antonio, Texas. December 7.
- 2002 The Wisconsin Upper Respiratory Symptom Survey: a new common cold instrument. Podium presentation, Society of Teachers of Family Medicine Annual Spring Conference, San Francisco, California. April 28.
- 1999 Echinacea for respiratory infection: A Cure for the common cold?" North American Primary Care Research Group, San Diego, California, November 9.
- 1999 Alternative medicine: A qualitative study. Society of Teachers of Family Medicine, Seattle, Washington, April 30.
- 1998 Health care development in Dak Lak Province, Vietnam. With Judith Ladinsky, American Public Health Association, Washington, DC, November 16.
- 1998 Hmong/Medicine interactions. Poster presentation, National Research Services Administration, Washington, DC, June 20.

- 1993 Identity, ideology, and inequality: Methodologies in medical anthropology, Guatemala, 1950-1993. National Council for International Health's 20th Annual International Health Conference, Arlington, Virginia, June 21.
- 1992 Health care on Nicaragua's Atlantic coast. American Anthropology Association, San Francisco, California, December 6.
- 1989 Health care and traditional medicine in Eastern Nicaragua. American Medical Student Association National Convention, Las Vegas, Nevada, March.

International:

- 2008 Clinician empathy predicts common cold outcomes. North American Primary Care Research Group, 36th Annual Meeting. San Juan, Puerto Rico. November 16.
- 2007 Sufficiently Important Difference in Common Cold. North American Primary Care Research Group, 35th Annual Meetings. Vancouver, Canada, October 21.
- 2006 Echinacea and ginseng for immunomodulation and protection from respiratory infection. FAPRONATURA First International Symposia about Pharmacology of Natural Products. Varadero, Cuba. November 20.
- 2004 Benefit harm trade-offs estimate sufficiently important difference for common cold treatments. Extended paper podium presentation North American Primary Care Research Group, 32nd Annual Meetings. Orlando, Florida. October 12.
- 2003 Validity of the Wisconsin Upper Respiratory Symptom Survey. North American Primary Care Research Group, 31st Annual Meetings, Banff, Canada, October 27.
- 2001 Developing a new questionnaire for assessing the common cold: The Wisconsin Upper Respiratory Symptom Survey. North American Primary Care Research Group annual meeting, Halifax, Nova Scotia, Canada, October 14.
- 2001 Echinacea for the common cold: No benefit detected in a double blind randomized trial. International Scientific Conference on Complementary, Alternative and Integrative Medicine Research, San Francisco, California, May 17.
- 1993 Medicinal plant knowledge on Nicaragua's Atlantic coast: Popular, professional, and scientific interpretations. *VII Congreso de Medicina Tradicional y Folklórica*, Merida, Mexico, December 9.
- 1992 Ethnomedical interactions - Health and culture on Nicaragua's Atlantic coast. *VI Congreso de Medicina Tradicional y Folklórica*, Texas A&I University, December 10.

Visiting professor

- 2008 External Advisory Committee, Iowa State University, Center for Research on Dietary Botanical Supplements, Iowa Botanical Center, Ames, September 18-19
- 2006 External Advisory Committee, Iowa State University, Center for Research on Dietary Botanical Supplements, Iowa Botanical Center, Ames IA, August 17-18

- 2005 Research strategies in complementary and alternative medicine. Robert Wood Johnson Medical School, Department of Family Medicine. New Brunswick, New Jersey. December 2.
- 2005 Herbal medicine: Overview and Evidence. Inaugural speaker for Iowa Botanical Supplements Research Center, Iowa State University, Ames, Iowa. May 26.

Students, Residents, Fellows, Faculty, Mentees

Dr. Barrett has worked with many learners over many years. The following listing includes people for whom there was formal supervision, mentorship, teaching relationship, or other substantive teacher-learner interaction:

Jennifer Alt (medical student, 2003) Herman Shapiro Excellence in Student Research Award
 Phillip Andreoli (undergraduate; senior honors project 2005-07)
 Brian Arndt MD (resident, faculty 2005-present)
 Alisha Bales (medical student & Fulbright scholar, 2005-08)
 Mozhddeh Bahrainian MD (physician fellow, 2008-present)
 Mark Beamsley MD (resident physician/community physician faculty, 2000-05)
 James Bigham MD (physician fellow 2008)
 Alison Brooks MD MPH (physician, fellow, faculty 2006-present)
 Randy Brown, MD (physician, fellow/faculty, 2003-present)
 Christina Capperino Hook (medical student, 2002)
 Mary Catherine Clark (graduate student, business, 2001)
 Elizabeth Cox MD (fellow, faculty 2005-2006)
 Lee Dressang MD (Physician faculty, Milwaukee, 2003-05)
 Leota Dye PhD (graduate student in biostatistics, 2002-04)
 Sarah Endrizzi (medical student, 2005)
 Anne Escaron PhD (fellow 2008-present)
 Jennifer Eddy, MD (physician faculty, Eau Claire, 2002-present)
 Ann Evenson MD (physician faculty, 2007-present)
 Sara Fleming ND (research fellow 2007-present)
 Luke Fortnoy MD (resident physician, fellow, faculty 2003-present)
 Brian Harahan (MD PhD student, 2005-07)
 Alex Highstrom (medical student 2008)
 Theresa Hoeft PhD (graduate student, 2006-08)
 Carolyn Jacobs (medical student, 1999-2000)
 Sarah Kahn MPH PhD (faculty 2006-present)
 Mateus Karwowski MD (fellow 2009-
 David Kiefer MD (medical student, resident, fellow, faculty, 1995-present)
 Troy Kleist MD (physician fellow, 2007-08)
 Tara La Rowe PhD (research fellow 2007-08)
 Agnes Loeffler MD PhD (anthropologist physician faculty, 2008-present)
 Jill Mallory MD (physician fellow 2008-present)
 Jaime McCord MD (physician fellow 2007-present)
 Emma Mitchell MSN RN (2008-present)
 Marlon Mundt PhD (statistician, faculty, 2000-present)
 Erin O'Connor MD (physician fellow 2008-present)
 Jared Olsen (medical student, 2004)
 Aimee Ostenso-Paulson (graduate student, psychology, 2003)
 Andy Peterson MD (physician fellow 2007-present)
 David Rabago MD (resident physician/fellow/faculty, 1999-present)

Dave Rakel MD (family medicine faculty, 2002-present)
 Jackie Redmer MD (physician fellow 2007-08)
 Adam Rindfleisch MD (resident physician/fellow, 2000-present)
 Michelle Roelli MD (resident physician, 2001-04)
 Salvador del Rosario (medical student, 1997-98)
 Nasia Safdar MD (physician fellow, infectious disease & women's health, 2001-04)
 Mario Salguero MD PhD (visiting physician scholar 2006-2008)
 Jo Scheder PhD (lecturer, anthropology, women's studies, 1999-present)
 Ben Schumaker (undergraduate Hilldale scholar, 2003-04)
 Jason Schwamman (graduate student population health, 2000-02)
 Shaan Sudhakaran (undergraduate then medical school 2006-08)
 Kat Sullivan Dillie (MD PhD student, 2005)
 Nikki St. Claire (undergraduate, 1999-2000)
 Malynn Utzinger MD (resident physician, 2002-05)
 Jennifer Weaver (graduate student sociology, 2000)
 Michael Weber MD (resident physician, fellow 2006-present)
 Ryan Westergaard (undergraduate, 1999-2000)
 John Wilson DO (resident physician, 2003-present)
 Jimmy Wu (medical student, 2006)
 Alexandra Zgierska MD PhD (resident, then fellow, then faculty, 2002-present)
 Yaffa Zisk PhD (research fellow 2008-09)

Invited Talks and Public Lectures:

- | | |
|------|---|
| 2007 | Colds, the flu, and you. O'Keefe Middle school. Presentations to all five 8 th grade science classes. December 14. |
| 2006 | Colds, the flu, and you. O'Keefe Middle school. Presentations to all four 8 th grade science classes. February 9. |
| 2006 | Influenza: avian and otherwise. West Madison Senior Center. January 19. |
| 2006 | Influenza: avian and otherwise. Middleton Senior Center. January 17. |
| 2005 | Colds, the flu and you. Madison Senior Center. August 30. |
| 2005 | The common cold. Presentation for schoolchildren: Savannah Oaks Middle School 6 th Grade (January 25); Savannah Oaks Middle School 8 th Grade (February 22). |
| 2004 | The flu and you: Flu shot facts and strategies for staying healthy during cold and flu season. Public community health talk at University of Wisconsin Health – Verona, Wisconsin. November 9. |
| 2004 | The common cold. Presentation for schoolchildren: Verona Area Core Knowledge Charter School 4 th grade (March 25); Verona Area Core Knowledge Charter School 6 th grade (June 14); Stoner Prairie Elementary 3rd grade (December 7); Country View Elementary 6 th grade (December 14). |
| 2003 | Working with health care professionals in Latin America. University of Wisconsin - Madison, Conference on Latin America. Madison, Wisconsin, March 15. |

- 2003 Herbal medicine: the evidence base. University of Wisconsin - Madison Primary Care Conference, November 20-21, Monona Terrace, Madison, Wisconsin, November 21.
- 2002 Complementary medicine. 63rd Annual Theodor Lang May Day Clinic, St. Anthony Medical Center, Rockford, Illinois. Invited talk, May 16.
- 2002 Overview of complementary and alternative medicine. Marshfield Clinic Spring Health Fair, Marshfield, Wisconsin. Invited talk, May 3.
- 2001 Health care in Wisconsin: Problems and solutions. Wisconsin Towns Association annual meeting. Middleton, Wisconsin, October 23.
- 2001 Environmental toxins and human health. Medical College of Wisconsin, Milwaukee, Wisconsin, April 26.
- 2001 Herbal medicine. Medical College of Wisconsin, Milwaukee, Wisconsin, April 20.
- 2001 Herbal medicine. Mauston, Wisconsin, April 9.
- 2001 Herbal medicine. University of Illinois-De Kalb, De Kalb, Illinois, April 3.
- 2000 The quest for universal health care and the status of the battle for affordable prescriptions. Wisconsin Federation of Teachers 69th Annual Convention, Oconomowoc, Wisconsin, October 26.
- 2000 Health care for all: The need for a national health system. Prairie Unitarian Society, Madison, Wisconsin, September 17.
- 2000 Universal health care: The need for physician involvement. University of Wisconsin Medical School, Madison, Wisconsin, September 12.
- 2000 Environmental toxins and human health. Marquette University, Milwaukee, Wisconsin, September 14.
- 2000 Alternative medicine. Baraboo, Wisconsin, January 13.
- 1999 Herbal medicine. University of Wisconsin Health Services, Madison, Wisconsin, December 15.
- 1999 Herbal medicine. Freeport, Illinois, December 14.
- 1999 Herbal medicine. Riverside Medical Center, Waupaca, Wisconsin, November 5.
- 1999 Herbal medicine. Baymont Hotel, Waupaca, Wisconsin, November 4.
- 1999 Herbal medicine. State Medical Society, Madison, Wisconsin, September 10.
- 1999 Echinacea for respiratory infection. American Herbal Products Association, Kansas City, Oklahoma, June 3.
- 1999 Western botanical medicine. Invited speaker for medical school course, University of Wisconsin Medical School, Madison, Wisconsin, February 23.

- 1999 Herbal medicine. Invited speaker for continuing medical education, Reedsburg Medical Center, Reedsburg, Wisconsin, February 2.
- 1998 What Hmong patients and their providers say about cross cultural clinical interactions. Hmong Mental Health Issues Conference, University of Wisconsin - Eau Claire, Eau Claire, Wisconsin, March 10.
- 1998 Western botanical medicine. Lecture in University of Wisconsin Medical School course 'Complementary Medicine', Madison, Wisconsin, January 27.
- 1997 What Hmong patients and their providers say about cross cultural clinical interactions. National Hmong Conference, Ramada Inn, Eau Claire, Wisconsin, September 26.
- 1997 A world without priorities: Health systems in the U.S., Central America and Vietnam. University of Wisconsin, Madison, Wisconsin, September 17.
- 1997 Hmong-Medicine interactions: Tips for health care personnel. Sacred Heart Hospital, Eau Claire, Wisconsin, May 6.
- 1997 Hmong-Medicine interactions: Cross-cultural health care. Hmong Association National Conference, Eau Claire, Wisconsin, April 11.
- 1997 Dealing with doctors. Presentation to Hmong Mutual Assistance Association on results of 1996 Hmong research, February 17.
- 1996 Health is political: Lessons from Central America and Vietnam. University of Wisconsin Medical School, Madison, Wisconsin, December 6.
- 1996 Systems of healing - Central America. Conference: Primary Care in Developing Countries. University of Wisconsin Medical School, Madison, Wisconsin, July 3.
- 1995 Pesticides and human health. League of Women Voters, Rockford, Illinois, October 25.
- 1995 International health, ethnomedicine and development: Lessons from Central America. University of Wisconsin Medical School, Madison, Wisconsin, May 4.
- 1995 Health effects of pesticides. National Campaign for Pesticide Policy Reform, Great Lakes Regional Meeting, Chicago, Illinois, February 4.
- 1994 Folk medicine and health behavior in Nicaragua. Eau Claire Family Medicine Clinic, Eau Claire, Wisconsin, December 7.
- 1993 Concepts of disease cross-culturally. Guest Lecture in Medical Anthropology, University of Wisconsin, Madison, Wisconsin, February 11.
- 1993 Antropología médica en la Costa Atlántica de Nicaragua. Instituto de Nutrición de Centro América y Panamá, INCAP - Ciudad de Guatemala, Guatemala, May 31.
- 1991 The Nicaraguan health care system. Guest Lecture in Sociology of Health in Rural Areas, University of Wisconsin, Madison, Wisconsin, April 15.

- 1991 The syringe and the rooster dance: Culture and medicine in Eastern Nicaragua. Anthropology/Latin American Studies Colloquium, University of Wisconsin - Milwaukee, Milwaukee, Wisconsin, February 5.
- 1990 Ethnomedicine and modern health care in Eastern Nicaragua. University of Wisconsin Medical School, Madison, Wisconsin, November 8.
- 1990 Health care development in Nicaragua. Wausau Family Practice Center, Wausau, Wisconsin, October 21.
- 1990 Traditional medicine in Eastern Nicaragua. Latin American Studies Program, University of Wisconsin, Madison, Wisconsin, October 18.
- 1990 Traditional medicine on Nicaragua's Atlantic coast. Knapp Memorial Graduate Center, University of Wisconsin, Madison, Wisconsin, October 13.
- 1989 Health care and traditional medicine in Nicaragua. University of Wisconsin Medical School, Madison, Wisconsin, October 25.
- 1989 Education and health in Nicaragua. University Lake School, Hartland, Wisconsin, April.
- 1989 Popular participation in health. Wisconsin Coordinating Council on Nicaragua, Wisconsin State Capitol Building, Madison, Wisconsin, April.
- 1989 Rural health in Nicaragua. Guest Lecture, Rural Sociology, Sociology of Health in Rural Areas, University of Wisconsin, Madison, Wisconsin, March.
- 1988 Eyewitness report: Nicaraguan victims of Hurricane Joan. Wisconsin Coordinating Council on Nicaragua Hurricane Relief Fundraiser, Madison, Wisconsin, December.
- 1988 Nicaragua's Atlantic coast in troubled times. Keynote speaker, Wisconsin/Nicaragua Partners Annual Meeting, Frederick Center, University of Wisconsin, Madison, Wisconsin, December.
- 1987 The state of health care in post-revolutionary Nicaragua. Medical College of Wisconsin, Milwaukee, Wisconsin, March.
- 1986 Health care in revolutionary Nicaragua. University of Wisconsin-Platteville, Platteville, Wisconsin, September.

Other: Media Interviews, etc.:

Radio

- 2008 Complementary and alternative medicine. The Joy Cardin Show. Wisconsin Public Radio. December 15.
- 2008 National Public Radio, "People's Pharmacy", a nationwide call-in show hosted by Terry and Joe Graedon. Topic: Upper respiratory infections: Cold and flu. Recorded January 4.

- 2006 Alternative treatments for common cold. Statewide Wisconsin Public Radio. Joy Cardin's morning call-in show. January 5.
- 1987-05 WORT - Madison and surrounding area. Various talks, interviews, and call-in shows. On average, at least one per year during most years.
- 2003 National Public Radio, "People's Pharmacy", a nationwide call-in show hosted by Terry and Joe Graedon. Topic: Upper respiratory infections: Cold and flu. January 18.
- 2002 National Public Radio, "Here and now" show. Taped interview. December 18.
- 2002 St. Louis KMOX. "News show by John Grayson." Taped interview. December 19.
- 2002 Canadian Public Radio "As it happens." Nationally broadcast radio news show. Taped interview. December 19.
- 2002 Kitchener, Ontario, 570 AM, "Newstalk." Taped interview. December 20.
- 2002 Gary Nolan Show. This is a nationally syndicated radio talk show. Topic: Treating common cold, October 31.
- 2002 National Public Radio, "The People's Pharmacy," a nationwide call-in show hosted by Terry and Joe Graedon. Topic: Cross-cultural health care, July 20.
- 2002 National Public Radio, "The People's Pharmacy," a nationwide call-in show hosted by Terry & Joe Graedon. Topic: Treating the common cold: Conventional and alternative therapies, January 5.
- 1997 WISM - Eau Claire "Health care for the Hmong," Hmong Radio Talk Show, March 26.
- 1993 WHA - Statewide Wisconsin "Alternative therapies," November 12.
- 1987 WHA - Statewide Wisconsin, "Health care in Nicaragua," August 14.

Television

- 2005 Echinacea cold study. Madison: Channel 3. Featured on "Live at 5." February 12.
- 2002 Echinacea for the common cold. Madison: Channel 15; videotaped interview with author. December 17.
- 2002 Echinacea for the common cold. Philadelphia: by KYW-TV News, Channel 3. December 18.
- 2000 Death, disease & dirty power: Mortality and health damage due to air pollution from power plants," Wisconsin Environmental Decade & U.S. Clean Air Task Force. Press conference. Channel 27 (local ABC affiliate) and others, October 17.
- 1998 Echinacea. Channel 27 (ABC affiliate), Madison, Wisconsin, November 12.

- 1997 Western Wisconsin Physicians for Social Responsibility. Eau Claire Public Access Television, Eau Claire, Wisconsin, January.
- 1996 Health, nutrition and alternative therapy. Eau Claire Public Access Television, Eau Claire, Wisconsin, July.
- 1990 Current events in Nicaragua and El Salvador. Channel 27 (ABC affiliate), Madison, Wisconsin. "Madison City Skyline" talk show guest.
- 1988 Eyewitness Report - Hurricane devastation in Nicaragua. Cable Channel 6, Madison, Wisconsin, December.

In the news

- 2008 B. Barrett "Madison needs to clean up its coal" Featured guest editorial *Wisconsin State Journal* July 6. Three weeks later Governor Jim Doyle announces plans to eliminate Madison-based coal power plants, as per editorial recommendations.
- 2005 B. Barrett. "Using precautionary rule for health makes sense." Featured guest editorial. *Capitol Times*, July 11.
- 2004 B. Barrett & D. Wallinga. "Act against threat from 'superbugs': Legislation to halt the routine use of antibiotics in livestock feed is needed to combat the threat to human health posed by antibiotic resistant bacteria." Featured guest editorial *Wisconsin State Journal*, October 24.
- 2000-date Numerous interviews by reporters, including: U.S. News & World Report 5-00; San Francisco Chronicle 4-00; International Medical News 7-00; Wisconsin State Journal 9-00; Fitness magazine 11-00; Wisconsin Woman 12-00; Real Simple magazine 1-01; Fitness magazine 6-01; FDA Consumer magazine 8-01; Physicians Financial News 2-02; Wisconsin Week 5-02; Bottom Line / Tomorrow 2-03; Arthritis Today 3-03; Milwaukee Journal 3-03; Baltimore Sun 5-03; Readers Digest 5-03; Bild der Wissenschaft (German science magazine) 6-03; Friendly Exchange (Farmers Insurance) 6-03; Audio Digest 10-03; Consumer Reports magazine 10-03; Wissenschaftsredaktor (Swiss science weekly) 3-04; Fitchburg Star 2-26-04; BCN Newsletter 5-04; Health Day 8-04; Health Magazine 6-04; American Medical News 11-04 & 2-7-05; Mt. Horeb Mail 5-12-05; Science News 7-05; New York Times 7-05; MSN News 10-17-05; Capitol Times 12-12-05; Wisconsin State Journal 12-05; Readers Digest 11-06; WebMD 12-06; MSN News 1-12-07; Better Homes & Gardens 2-2-07; L.A. Times 7-8-07; New York Times 7-12-07; Men's Health 7-20-07; Business Week 7-24-07; Fitness Magazine 8-9-07; Health Magazine 8-27-07; Daily Cardinal 9-18-07.
- 2002 Press coverage of the December 18 article in the *Annals of Internal Medicine* included new wires by Associated Press, United Press International and Reuters, with stories on ABC, CBS, and CNN, articles in the New York Times, Washington Post, and USA Today, as well as international coverage by Canadian Broadcast Corporation, British Broadcast Corporation and coverage throughout Canada, Europe, and Australia.

OTHER PROFESSIONAL ACTIVITIES

- 2005-07 Member, External Advisory Council, Iowa Botanical Supplements Research Center, Iowa State University. This is a substantive research program funded by the National Institute of Environmental Health Sciences and the Office of Dietary Supplements at the National Institutes of Health.
- 2005 External reviewer for a major grant submitted to The Wellcome Trust, London, England
- 2004-06 Study Section Member - National Institutes of Health, National Center for Complementary and Alternative Medicine (Center Grant)
- 1995-date Manuscript reviews for the following peer-reviewed journals or organizations: *American Botanical Council; American Family Physician; Annals of Family Medicine; Annals of Internal Medicine; Archives of Internal Medicine; British Medical Journal (BMJ); Clinical Infectious Diseases; Clinical Nutrition; Clinical Therapeutics; Cochrane Collaboration; Complementary Therapies in Medicine; Consultant; Drug Safety; Drug Safety Review; Explore:the Journal of Science and Healing; Family Medicine; Focus on Alternative and Complementary Therapies; Health and Quality of Life Outcomes; Journal of the American Medical Association (JAMA); Journal of Family Practice; Journal of Alternative and Complementary Medicine; Journal of Clinical Epidemiology; The Lancet; Medical Decision Making; Perspectives in Biology and Medicine; Respiratory Medicine; Respiriology; Social Science and Medicine; Wisconsin Medical Journal*
- 2000-date Requests for reprints and other professional correspondence from: Argentina, Austria, Australia, Belgium, Brazil, Canada, Chile, China, Columbia, Congo, Cuba, Czech Republic, Dominican Republic, Egypt, England, France, Germany, Greece, Hong Kong, Holland, Hungary, Mexico, India, Italy, Iran, Ireland, Japan, Jordan, Kuwait, Lithuania, Malaysia, Nepal, New Zealand, Pakistan, Peru, Philippines, Poland, Romania, Russia, Santo Domingo, Saudi Arabia, Scotland, Serbia, Slovakia, South Africa, South Korea, Spain, Switzerland, Taiwan, Thailand, Turkey, United Kingdom; Wales and dozens of colleges and universities within the United States
- 2003- date *Cochrane Collaboration*. Member of acute respiratory infection group, reviewing protocols and manuscripts; Co-author of systematic review of Echinacea for prevention or treatment of upper respiratory infection
- 2002- date *GRIN – General practice Respiratory Infection Network*. Member
- 2002- date International Editorial Board of *FACT, Focus on Alternative and Complementary Therapies: An Evidence-based Approach*. University of Exeter, United Kingdom
- 2002- date Advisor to Tarascon Publishing - Pocket Herbal Pharmacopoeia
- 2001- date Member, Board, *Alternative Medicine Research Review*
- 2001- date Member, Advisory Board, *American Botanical Council (ABC)*

1999-2000 Member, Medical Advisory Board, *HealthNotes: Review of Complementary and Integrative Medicine*.

COMMUNITY SERVICE

2005-07 Health Watch Wisconsin. Community service program by ABC for Health to expand access to health care for uninsured and under-insured, using individual counseling, legal services, and health care access advocacy. Role: Faculty partner.

2004-date Faculty volunteer. MEDIC, a University of Wisconsin medical student organization providing care for homeless and underserved

2004- date Wisconsin Environmental Health Steering Team

2004- date Wisconsin Environmental Health Network

2004- date Allied Drive Wellness Center – Medical Advisory Board

2000-04 President, *Madison Physicians for Social Responsibility*

2000- date Steering Committee, *Madison Physicians for Social Responsibility*

2000-03 Advisory Council, *Doctors for Global Health*

2000- date Advisory Board Member, *Medical Aid to East Timor*

1999- date National Environmental Health Committee, *Physicians for Social Responsibility*

1990- date Activist, National *Physicians for Social Responsibility*

1997- date Member, speaker, *Physicians for a National Health Plan*

1997- 99 Physician Volunteer, *Madison Community Health Center*

1994-99 Activist, *Physicians for Human Rights*

1996-97 Founder & Coordinator, *Western Wisconsin Physicians for Social Responsibility*

1995-97 Residency Coordinator. Doctor Talk, Eau Claire area physician speakers bureau, Eau Claire, Wisconsin

1994-97 Member, *National Coalition for Pesticide Law Reform*

1991-92 Board of Directors Member, *Wisconsin Coordinating Council on Nicaragua*

1988-91 Coordinator, *Medical Aid to Central America*, Madison, Wisconsin

1987-88 Steering Committee Member, *Medical Aid to Central America*, Madison, Wisconsin

1987-88 Co-President, University of Wisconsin Chapter, *American Medical Student Association*

- 1986 Summer Group leader for *Operation Crossroads* Africa, Caribbean Program, St. Vincent
- 1985-86 Volunteer, *Methodist Hospital Emergency Room*
- 1984 Volunteer tutor in math at *East High School*, Madison, Wisconsin

LANGUAGES: English (native), Spanish (conversant)