

August 2007

Randall W. Brown, M.D., M.P.H.

CURRICULUM VITAE

Education

Undergraduate	University of Michigan Ann Arbor, Michigan B.S.	1977-1983
Professional	University of Michigan Ann Arbor, Michigan M.D.	1981-1985
	Harvard University Cambridge, Massachusetts M.P.H.	1991-1992

Post-Graduate Training

Internship	Pediatrics Boston City Hospital Boston University Medical School Boston, Massachusetts	1985-1986
Residency	Pediatrics Boston City Hospital Boston University Medical School Boston, Massachusetts	1986-1988
Fellowships	Pediatric Pulmonology The Children's Hospital Harvard Medical School Boston, Massachusetts	1989-1992
	Respiratory Epidemiology The Channing Laboratory Harvard Medical School Boston, Massachusetts	1989-1992

Licensure and Certification

American Board of Pediatrics General Pediatrics (certified) (Re-certification, 2003)	1991-2009
Pediatric Pulmonology (certified) (Re-certification, 2003)	1994-2009
Georgia Medical License (#054649)	2004-present
Massachusetts Medical License (#60333)	1988-1993
Michigan Medical License (#4301060315)	1992-present
Michigan Controlled Substance License	1992-present
DEA Controlled Substance License	1988-present

Honors and Awards

Top 100 Doctors in Michigan (Hour Magazine)	2001-2004
Richard Cushing National Lung Health Award. Presented by the American Lung Association. Minneapolis, Minnesota	2000
Board Member of the Year American Lung Association of Michigan	1997
Pediatric Faculty Teaching Award C.S. Mott Children's Hospital University of Michigan Medical Center	1995
Housestaff Teaching Award Boston City Hospital Boston University Medical School	1988

Academic Appointments

Clinical Staff Pediatrician Boston City Hospital Dorchester Neighborhood Health Center	1988-1989
Lecturer	1992-1995
Assistant Professor	1995-2001
Clinical Assistant Professor Department of Pediatrics Division of Pediatric Pulmonology C.S. Mott Children's Hospital University of Michigan Medical School	2001-2004
Adjunct Assistant Professor Health Behavior and Health Education School of Public Health University of Michigan	2004-present

Hospital/Practice Affiliations

Georgia Pediatric Pulmonology Associates 1100 Lake Hearn Drive, Suite 450 Atlanta, GA 30342	2004-present
Children's Healthcare of Atlanta 1001 Johnson Ferry Road NE Atlanta, GA 30342	2004-present
University of Michigan Medical Center 1500 E. Medical Center Drive Ann Arbor, MI 48109	1992-2004
Genesys Regional Medical Center University of Michigan consulting 3921 Beecher Road Flint, MI 48532	1994-2004
Oakwood Hospital University of Michigan consulting 18101 Oakwood Blvd, PO Box 2500 Dearborn, MI 48124	1995-2001

Committees and Administrative Services

Director of Research Georgia Pediatric Pulmonology Associates Atlanta, GA	2005-present
---	--------------

University of Michigan Medical Center

Medical Director Respiratory Care C.S. Mott Children's Hospital and Women's Hospital, University of Michigan	1999-2004
Medical Director Pediatric Lung Transplantation Program	1996-2001
Director Pediatric Pulmonary Function Laboratory	1993-2004

Member

Hospital and Medical School

Respiratory Care	1992-2004
Stable Ventilator Unit Joint Practice	1993-1996
Medical School Faculty Advisor	1992-1996
Charles Ross Fellowship Committee - Providing pharmacologic research experience to under-represented minority students	1994-1996

Departmental

Section of Pediatric Pulmonology	1992-2004
----------------------------------	-----------

Pediatric Bronchoscopy Service	1992-2004
Pulmonary Outreach Clinics	1994-2004
House Officer Faculty Advisor	1994-2004
Fellowship Director	2002-2004
Fellowship Training Co-director	1994-1996
Critical Care	1994-1996
Newborn Intensive Care Unit	1994-1996
House Officer Journal Club Advisor/Participant Clinical Epidemiology Lecture Series	1993-1996

Sectional

Development of Monthly Pediatric Chest Radiology Conference	1996-2004
Development of Pulmonary Outreach Clinical Program	1994-2004
Development of Pediatric Pulmonology Medical Student Education Module and Lecture Series	1993-1997

Professional Organizations and Societies

Co-Chair: Michigan Asthma Strategic Planning Initiative, Clinical Care and Professional Education. Michigan Department of Community Health.	2001-2004
Member, Board of Directors, Ronald McDonald House, Ann Arbor, Michigan	1998-2004
Member, Pediatric Asthma Intervention Advisory Committee, Institute for Health Improvement of Southeast Michigan	1997-1998
Member, Board of Directors, American Lung Assn. of Michigan Chair, Asthma Committee	1996-2004
Co-Founder, W.H.E.A.S. Coalition; Washtenaw Health Education for Asthma Sufferers	1996-2004
Chief Medical Advisor, Michigan Society for Respiratory Care	1997-2004
Fellow, American Academy of Pediatrics	1995-2004
Fellow, American Thoracic Society	1994-2004

Clinical Trials

Current: **Project Title:** Multinational, randomized, double blind, double dummy, pharmacokinetic study of telithromycin oral suspension (25 mg/kg once daily for 7-10 days), with secondary assessments of safety relative to azithromycin oral suspension (10 mg/kg once daily for 1 day followed by 5 mg/kg once daily for 4 days) in children with mild to moderate community-acquired pneumonia POP6135 [HMR3647B/3005] Telithromycin
Sponsor: Sanofi-Aventis
PI: Randall W. Brown
Effort: 25%

Project Title: A Randomized, Double-Blind, Placebo-Controlled Study of Gastroesophageal Reflux Disease Therapy (Lansoprazole; Solutab™) in the Management of Childhood Asthma; IND. No. 73,096
Sponsor: TAP Pharmaceuticals
Sub-I: Randall W. Brown
Effort: 15%

Project Title: A Pivotal Phase 3 Study of MEDI-524 (Numax™), an Enhanced Potency Humanized Respiratory Syncytial Virus (RSV) Monoclonal Antibody, for the Prophylaxis of Serious RSV Disease in High-Risk Children
Sponsor: MedImmune
Sub-I: Randall W. Brown
Effort: 5%

Project Title: A Randomized, 2-Period, Multicenter, Double-Blind, Parallel-Group Study Comparing the Effects of 2 Doses of Montelukast Granules and Placebo in the Treatment of Respiratory Symptoms Associated With Respiratory Syncytial Virus-Induced Bronchiolitis in Children Aged 3 to 24 Months
Sponsor: Merck
Sub-I: Randall W. Brown
Effort: 5%

Project Title: An Epidemiologic Study Of Xolair® (Omalizumab): Evaluating Clinical Effectiveness And Long-Term Safety In Patients With Moderate To Severe Asthma (EXCELS) Grant Support
Sponsor: Genetech, Inc.
Sub-I: Randall W. Brown
Effort: 5%

Grant Support

Current: **Project Title:** Evidence-Based Asthma Care Education for Hospitalized Asthma Families: A Novel Approach
Sponsor: Children's Healthcare of Atlanta, Friends Research Fund
Award Dates: 11/29/05 - present
Budget: \$25,000
PI: Randall W. Brown
Effort: 25%

Past: **Project Title:** Asthma Physician Education Project
Sponsor: Michigan Medicaid Managed Care Grant
University of Michigan Health Professionals Education Consortium
Award Dates: 09/01/02 - 08/31/05

Budget: \$606,837
PI: Randall W. Brown
Effort: 30%

Parent Project Title: Michigan Center For the Environment and Children's Health
Sponsor: NIEHS/EPA
Award Dates: 09/01/98 - 08/31/03
Budget: \$4,936,369
PI: Barbara Israel

Sub account Title: Community Based Intervention
Sponsor: NIEHS/EPA
Award Dates: 09/01/98 - 08/31/02
Budget: \$1,315,533 direct costs
PI: Edith Parker
Co-I: Randall W. Brown
Effort: 5%

Sub Account Title: Indoor and Outdoor Exposures and Asthma Aggravation
Sponsor: NIEHS/EPA
Award Dates: 09/01/98 - 08/31/03
Budget: \$1,168,336 direct costs
PI: Thomas Robins
Co-I: Randall W. Brown
Effort: 5%

Project Title: Controlling Asthma in School: An Intervention to Improve Management and Prevention
Sponsor: NHLBI - No1-HR-56078
Award Dates: 09/95 - 03/02
Budget: N/A
PI: Noreen M. Clark
Co-I: Randall W. Brown
Effort: 2.5%

Project Title: Asthma Control in Beijing Schools
Sponsor: Thrasher Foundation
Award Dates: 09/97 - 12/02
Budget: N/A
PI: Noreen M. Clark
Co-I: Randall W. Brown
Effort: 2.5%

Project Title: Physician Asthma Care Education: Robert Wood Johnson Foundation Grant.
PI: Noreen M. Clark
Award dates: 09/01 - 09/05
Co-I: Randall W. Brown (effort ended 9/02)
Effort: 2.5%

BIBLIOGRAPHY

Completed Publications in Scientific Journals

Peer-Reviewed Journals

1. Tager, I.B., Hanrahan, J.P., Tosteson, T.D., Castile, R.G., **Brown, R.W.**, Weiss, S.T., Speizer, F.E.: Lung function pre-and post-natal smoke exposure and wheezing in the first year of life. *Am Rev Respir Dis* 147:811-817, 1993.
2. Colin, A.A., Prieto, A.C.R., **Brown, R.W.**: Case report: Lung cavity in a child. *Pediatr Pulmonol* 15:266-269, 1993.
3. **Brown, R.W.**, Hanrahan, J.P., Castile, R.G., Tager, I.B.: The effect of maternal smoking during pregnancy on passive respiratory mechanics in early infancy. *Pediatr Pulmonol* 19:23-28, 1995.
4. Finkelstein, J.A., **Brown, R.W.**, Schneider, L.C., Weiss, S.T., Quintana, J.M., Goldmann, D.A., Homer, C.J.: Quality of care for preschool children with asthma: the role of social factors and practice setting. *Pediatrics* 95:389-394, 1995.
5. Hanrahan, J.P., **Brown, R.W.**, Carey, V.J., Castile, R.G., Speizer, F.E., Tager, I.B.: Passive respiratory mechanics in healthy infants: effects of growth, gender, and smoking. *Am J Respir Crit Care Med* 154:670-680, 1996.
6. Clark, N., **Brown, R.W.**, Parker, E., Robins, T., Remick, D., Philbert, G., Keeler, G., Israel, B. Childhood Asthma. *Environ Health Perspectives* 107:421-429, June 1999.
7. Nasr, S., **Brown, R.W.**, Hurwitz, M., Elghoroury, M., Rosen, D.,: Treatment of Anorexia and Weight Loss with Megestrol Acetate in Patients with Cystic Fibrosis. *Pediatric Pulmonol* 28:380-382, 1999.
8. **Brown, R.W.** Behavior and Asthma. *Pediatric Pulmonol*; supplement 21:26-30, 2001.
9. **Brown, R.W.** Behavioral issues in Asthma Management. *Allergy and Asthma Proc* 22:67-69, 2001.
10. Nasr, S. **Brown, R.W.**, Kuhn, L., Hurwitz, M., Sanders, G., Strouse, P.,: A Preliminary Study of Aerosolized Recombinant Human DNase in Cystic Fibrosis Patients Younger Than 5 years of Age. *Pediatric Pulmonol* 31:377-382, 2001.
11. Clark, N.M., **Brown, R.W.**, Joseph, C.L.M., Anderson, L., Liu, M., Valerio, M., and Gong, M. Issues in identifying asthma and estimating prevalence in an urban school population. *J. of Clinical Epidemiology*, 55(9):870-881, September 2002.
12. Cabana, M.D., Shish, K.K., **Brown, R.W.**, Clark, N.M. Pediatrician Attitudes and Practices Regarding Collaborative Asthma Education. *Clin Pediatr* 43(3):269-274; April 2004.
13. Clark, N.M., **Brown, R.**, Joseph, C.L.M., Anderson, E.W., Liu, M, Valerio, M.A. Effects of a Comprehensive School-Based Asthma Program on Symptoms, Parent Management, Grades, and Absenteeism. *Chest* 125(5): 1674-1679; May 2004.

14. Cabana, M.D., Slish, K.K., Lewis, T.C., **Brown, R.W.**, Nan, B., Lin, X., Clark, N.M. Parental Management of Asthma Triggers within a Child's Environment. *J. of Allergy Clin Immunology* 114(2): 352-357; August 2004.
15. **Brown, R.W.**, Bratton, S.L., Cabana, M.D., Kaciroti, N, Clark, N.M. Physician Asthma Education Program Improves Outcomes for Children of Low Income Families. *Chest*, 126(2): 369-374; August 2004.
16. Cabana, M.D., **Brown, R.W.**, Clark, N.M., White, D.F., Lyons, J, Bratton, S.L. Improving Physician Attendance at Educational Seminars Sponsored by Managed Care Organizations. *Managed Care*: 49-57; September 2004.
17. Joseph, C.L.M., Havstad, S., Anderson, E.W., **Brown, R.W.**, Clark, N.M. Effect of asthma intervention on children with undiagnosed asthma. *Journal of Pediatrics* 146(1): 96-104; January 2005.
18. Bratton, S.L., Cabana, M.D., **Brown R.W.**, White, D.F., Wang, Y., Lang, S.W., Clark, N.M. Asthma Educational Seminar Targeting Medicaid Providers. *Resp Care* 51(1): 49-55; January 2006.
19. Valerio, M., Cabana, M.D., White, D.F., Heidmann, D.M., **Brown, R.W.**, Bratton, S.L. Understanding of Asthma Management: Medicaid Parents' Perspectives. *Chest* 129:594-601, March 2006.
20. Cabana, M.D., Slish, K.K., Evans, D., Mellins, R.B., **Brown, R.W.**, Lin X., Kaciroti, N., Clark, N.M. Impact of physician asthma care education on patient outcomes. *Pediatrics*. 2006 Jun;117(6):2149-57.
21. Krouse, J.H., **Brown, R.W.**, Fineman, S.M., Han, J.K., Heller, A.J., Joe, S., Krouse, H.J., Pillsbury, H.C., Ryan, M.W., Veling, M.C. Asthma and the Unified Airway. *Otolaryngology-Head and Neck Surgery* 136, S75-S106. May 2007.

Non-Peer Reviewed Journals

1. **Brown, R.W.**, Weiss, S.T.: The Influence of Lower Respiratory Illness on Childhood Asthma: Defining risk and susceptibility. *Sem Resp Infec* 6:225-234, 1991.
2. Clark, N.M., **Brown, R.W.**, Parker, E., Robins, T.G., Remick, D.G., Philbert, M.A., Keeler, G.J., and Israel, B.A. Childhood asthma. *Environmental Health Perspectives*, 107 (Supplement 3):421-429, June 1999.

Abstracts, Invited Speakers, Communications, Panel Discussions, Workshops, Courses

1. **Brown, R.W.:** "Effect of Prenatal Smoking on Passive Lung Mechanics." Slide Presentation, American Thoracic Society Meetings, Anaheim, California, May 1991.
2. **Brown, R.W.:** "Prenatal Maternal Smoking and Infant Lung Function." Pediatric Grand Rounds, Michigan State University, East Lansing, Michigan, January 1992.

3. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." Family Asthma Series, American Lung Association of Michigan and the University of Michigan, Ann Arbor, Michigan, October 1992.
4. **Brown, R.W.:** "Pharmacology of Childhood Asthma." University of Michigan Medical School, Department of Pharmacology, Ann Arbor, Michigan, January 1993.
5. **Brown, R.W.:** "Current Topics in Childhood Asthma Epidemiology." Presented at Center for Growth and Human Development, University of Michigan, Ann Arbor, Michigan, April 1993.
6. **Brown, R.W.:** "Effects of Maternal Prenatal Smoking on Early Pulmonary Life." Presented at Pediatrics, Obstetrics/ Gynecology Grand Rounds, University of Michigan, Ann Arbor, August 1993.
7. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." Presented at Family Asthma Series, American Lung Association of Michigan, Ann Arbor, Michigan, October 1993.
8. **Brown, R.W.:** "Case Presentations - Treatment of Asthma." University of Michigan Medical Center School, Department of Pharmacology, Ann Arbor, Michigan, February 1994.
9. **Brown, R.W.:** "Effects of Maternal Prenatal smoking on the Young Child." Presented at Family Practice Spring Review Course, Presented at University of Michigan, Ann Arbor, Michigan, March 1994.
10. **Brown, R.W.:** "Pneumonia in Children." Presented at Pediatric Grand Rounds, Oakwood Medical Center, Dearborn, Michigan, April 1994.
11. **Brown, R.W.:** "Home Use of Bi-level Positive Airway Pressure Ventilation for Chronic Respiratory Failure in Children." Abstract presented at the Annual American Thoracic Society International Conference, Boston, Massachusetts, May 1994.
12. **Brown, R.W.:** "Chronic Cough and Pneumonia in Children." Presented at Pediatric Grand Rounds, St. Joseph Hospital, Flint, Michigan, October 1994.
13. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." Presented at Family Asthma Series, American Lung Association of Michigan and the University of Michigan, Ann Arbor, Michigan, October 1994.
14. **Brown, R.W.:** "Inflammation, Inflammation, Inflammation: The Asthma Battle Cry." Presented at Pediatric Grand Rounds, St. Joseph Hospital, Flint, Michigan, October 1994.
15. **Brown, R.W.:** "New Therapies for Cystic Fibrosis." Presented at the University of Michigan Cystic Fibrosis Family Forum. Ann Arbor, Michigan, December 1994.
16. **Brown, R.W.:** "Invasive Use of Bi-Level Positive Airway Pressure Ventilation in Children." Abstract presented at the American Assn of Respiratory Care Conference, Las Vegas, Nevada, December 1994.
17. **Brown, R.W.:** "Effects of Passive Smoking on Childhood Health." Presented at Pediatric Grand Rounds, William Beaumont Hospital, Royal Oak, Michigan, January 1995.

18. **Brown, R.W.:** "Pathogenesis and Case Presentations of Asthma." University of Michigan Medical School, Department of Pharmacology, Ann Arbor, Michigan, February 1995.
19. **Brown, R.W.:** "Cystic Fibrosis in School and at Home." Presentation to teachers and students of Lincoln District School - 5th and 6th grades. Ypsilanti, Michigan, February 1995.
20. **Brown, R.W.:** "Advances in Home Pressure Support Ventilation for Children." Abstract presented at the International Pulmonary Rehabilitation and Home Ventilation Conference, Denver, Colorado, March 1995.
21. **Brown, R.W.:** "Pulmonary Consequences of Swallowing Dysfunction and Aspiration." Department of Otolaryngology conference on Multidisciplinary approaches to Dysphagia in the pediatric population. University of Michigan Medical School, Ann Arbor, MI, March 1995.
22. **Brown, R.W.:** Keynote Address: "Home Ventilatory Support for the Child with Neuromuscular Disease." Fourth annual conference on: The Continuing Care of the Chronically Ill and Technology Dependent Child and Family. Boston, Massachusetts, April 1995.
23. **Brown, R.W.:** "Pulmonary Function Testing in Children." Michigan Society for Respiratory Care bi-annual meeting. Lansing, Michigan, May 1995.
24. Gaston B.M., **Brown, R.W.**, Haver K., et al.: "Pediatric Flexible Bronchoscopy: Elective Intubation and Morbidity." Abstract presented at the American Thoracic Society Annual International Conference, Seattle, Washington, May 1995.
25. **Brown, R.W.:** "Correlation of Tidal Breathing Parameters and Pulmonary Function in Healthy Infants." Abstract presented at the American Thoracic Society Annual International Conference, Seattle, Washington, May 1995.
26. **Brown, R.W.:** "Ibuprofen Therapy in the Treatment of Cystic Fibrosis Lung Disease." Address at the Cystic Fibrosis Foundation/Washtenaw Chapter Annual Dinner. Ann Arbor, Michigan, June 1995.
27. **Brown, R.W.:** "The Use of Steroids in Pediatric Pulmonary Disease." Presented at Pediatric Grand Rounds, Oakwood Medical Center, Dearborn, Michigan, June 1995.
28. **Brown, R.W.:** "Kids Can Beat Asthma, Too!" Presented at Camp Breezy: Children's Asthma Camp (sponsored in part by the American Lung Association/Michigan Chapter). Adrian, Michigan, July 1995.
29. **Brown, R.W.:** "Cystic Fibrosis: Pathogenesis and New Therapies." Michigan Society for Respiratory Care bi-annual meeting. Bellaire, Michigan, September 1995.
30. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." Family Asthma Series, American Lung Association of Michigan and the University of Michigan, Ann Arbor, Michigan, October 1995.
31. **Brown, R.W.:** "Outpatient Management of Asthma." Pediatric House

Officer Noon Conference Presentation, University of Michigan, Ann Arbor, Michigan, October 1995.

32. **Brown, R.W.:** "Long-Term Pulmonary Outcomes of Neonatal Respiratory Failure." Postgraduate Neonatology Course, University of Michigan Medical Center, Ann Arbor, Michigan, October 1995.
33. **Brown, R.W.:** "Childhood Respiratory Effects of Environmental Tobacco Exposure." Pediatric Grand Rounds, Henry Ford Hospital, Detroit, Michigan, October 1995.
34. **Brown, R.W.:** "Management of Bronchiolitis: A Clinical Update." Pediatric Grand Rounds, Oakwood Medical Center, Dearborn, Michigan, November 1995.
35. **Brown, R.W.:** "New Trends in Pediatric Pulmonary Medicine." Presented to the Executive Council of the Ronald MacDonald House, University of Michigan, Ann Arbor, Michigan, November 1995.
36. **Brown, R.W.:** "Childhood Asthma Management in the 21st Century." Family Practice Grand Rounds, Genesys Regional Medical Center, Flint, Michigan, November 1995.
37. **Brown, R.W.:** "New Therapies for Cystic Fibrosis." Presented at the University of Michigan Cystic Fibrosis Family Forum. Ann Arbor, Michigan, January 1996.
38. **Brown, R.W.:** Martin Luther King, Jr. Day Diversity Colloquium Participant, Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan, January 1996.
39. **Brown, R.W.:** "Pathogenesis and Case Presentations of Asthma." University of Michigan Medical School, Department of Pharmacology, Ann Arbor, Michigan, February 1996.
40. **Brown, R.W.:** "The Ribavirin Wars: Bronchiolitis in the 1990's." Family Practice Grand Rounds, Genesys Regional Medical Center, Flint, Michigan, March 1996.
41. **Brown, R.W.:** "Childhood Allergies" Family Practice Grand Rounds, Genesys Regional Medical Center, Flint, Michigan, March 1996
42. **Brown, R.W.:** "Epidemiology of Early Childhood Asthma." Pediatric Grand Rounds, University of Michigan, Ann Arbor, Michigan, March 1996.
43. **Brown, R.W.:** "Pediatric Asthma Management" Video News Release, University of Michigan Medical Center, Ann Arbor, Michigan, March 1996.
44. **Brown, R.W.:** "A Model for Respiratory Care Provider Management of Inpatient Pediatric Asthma." First-authored abstract presentation at annual International Lung Conference/American Thoracic Society Meetings, New Orleans, Louisiana, May 1996.
45. **Brown, R.W.:** "Pediatric Bronchoscopy" Michigan Society for Respiratory Care bi-annual meeting. Dearborn, Michigan, May 1996.
46. **Brown, R.W.:** "Pediatric Obstructive Lung Disease." Pediatric Surgery Clinical Lecture Series. University of Michigan, Ann Arbor, MI, May

1996.

47. **Brown, R.W.:** "Managed Care and Pediatric Asthma Management" Invited speaker, Selectcare Heath Systems, Royal Oak, MI, May 1996.
48. **Brown, R.W.:** "Exercise Induced Asthma" Pediatric Cardiology Clinical Research Conference. University of Michigan, Ann Arbor, MI, June 1996.
49. **Brown, R.W. et al.:** "Tuberculosis in Childhood" Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, MI, June 1996.
50. **Brown, R.W.:** "Pediatric Pulmonary Function Testing" Pediatric Cardiology Clinical Research Conference. University of Michigan, Ann Arbor, MI, June 1996.
51. **Brown, R.W.:** "Lung Transplantation: More Than Exchanging Body Parts" Address at the Cystic Fibrosis Foundation/Washtenaw Chapter Annual Dinner. Ann Arbor, Michigan, June 1996.
52. **Brown, R.W.:** "Inhalers, Spacers, and Other Asthma Paraphernalia" Invited speaker, Genesys Home Care Agency. Flint, MI, July 1996.
53. **Brown, R.W.:** "Pediatric Respiratory Failure" Family Practice Clinical Rounds. Genesys Regional Medical Center. Flint, Michigan, July 1996.
54. **Brown, R.W.:** "What's the 411 on Asthma? Managing Asthma in Urban, African-American Teenagers", Video Education Program, Detroit, MI, July 1996.
55. **Brown, R.W.:** "What's New in the Management of Pediatric Asthma" Michigan Society for Respiratory Care; Fall Statewide meeting. Traverse City, Michigan, September 1996.
56. **Brown, R.W.:** "T-Bird: A New Ventilator Evaluation" Michigan Society for Respiratory Care; Fall Statewide meeting. Traverse City, Michigan, September 1996.
57. **Brown, R.W.:** "Adolescents, Sports, and Asthma" Third Annual Conference on Office Practice of Adolescent Medicine. Flint, Michigan, September 1996.
58. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." Family Asthma Series, American Lung Association of Michigan and the University of Michigan, Ann Arbor, Michigan, October 1996.
59. **Brown, R.W.:** "Inhalers, Spacers, and Other Asthma Paraphernalia" Invited speaker, Oakwood Pediatric Nursing and Respiratory Therapy Rounds. Dearborn, Michigan, October 1996.
60. **Brown, R.W.:** "Childhood Asthma: What Every Parent Needs to Know" Family Asthma Series, American Lung Association of Michigan and the Genesys Regional Medical Center, Flint, Michigan, October 1996.
61. **Brown, R.W.:** "Pneumonia in Children." Presented at Pediatric Grand Rounds, Hurley Medical Center, Flint, Michigan, October 1996.
62. **Brown, R.W.:** "Childhood Asthma: What Every Parent Needs to Know" Family Asthma Series, Oakwood Hospital, Dearborn, Michigan, November

1996.

63. **Brown, R.W.:** "Lung Transplant 101: What's Old and What's New for Children" Pediatric Pulmonary Lecture Series - Noon Conference. University of Michigan Medical Center, Ann Arbor, Michigan, December 1996.
64. **Brown, R.W.:** "Oxygenation is NOT Ventilation: Inpatient Management of Pediatric Respiratory Distress" Family Practice Clinical Rounds. Genesys Regional Medical Center. Flint, Michigan, January 1997.
65. **Brown, R.W.:** "Airway-Airway-Airway: Outpatient Management of Pediatric Respiratory Distress" Family Practice Clinical Rounds. Genesys Regional Medical Center. Flint, Michigan, January 1997.
66. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." WHEAS (Washtenaw Health Education for Asthma Sufferers) Coalition Lecture. Ypsilanti, Michigan, January 1997.
67. **Brown, R.W.:** "Childhood Asthma: What Health Care Providers Must Know". Invited Speaker, St.Vincent Hospital Asthma Forum. Toledo, Ohio, February 1997.
68. **Brown, R.W.:** "Pathophysiology and Pharmacotherapy of Asthma." University of Michigan Medical School, Department of Pharmacology, Ann Arbor, Michigan, February 1997.
69. **Brown, R.W.:** "Tuberculosis in Childhood" Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, Michigan, February 1997.
70. **Brown, R.W.:** "Ribavirin, RespiGam, and RSV: The Bronchiolitis Soap Opera" Invited Speaker, Family Practice Grand Rounds, Genesys Regional Medical Center, Flint, Michigan, March 1997.
71. **Brown, R.W.:** "Lung Transplantation and Organ Donation." Presentation to teachers and students of Lincoln District Middle School - 6th and 7th grades. Ypsilanti, Michigan, April 1997.
72. **Brown, R.W.:** "Childhood Asthma Empowerment, Bringing Your Doctor Along". Invited Speaker, Lakeview Community Wellness Center, Kelsey Memorial Hospital; Lakeview, Michigan, April 1997.
73. **Brown, R.W.:** Ypsilanti Asthma Fair--Participant. Sponsored in part by the American Lung Association of Michigan. Adams Elementary School; Ypsilanti, Michigan, April 1997.
74. **Brown, R.W.:** "Childhood Asthma: What Every Parent Needs to Know" Family Asthma Series, American Lung Association of Michigan and the Genesys Regional Medical Center, Flint, Michigan, May 1997.
75. **Brown, R.W.:** "NIH Guidelines for Asthma: Update and New Medications for the Treatment of Asthma" Invited Speaker, Benton Harbor-St. Joseph Area Medical Lecture Series. St. Joseph, Michigan, May 1997.
76. Judge, L.S., **Brown, R.W.**, Schork, M.A., Wagner, L., Park, D.H., Bartlett, R.H.: "Long-term Pulmonary Outcomes of Meconium Aspiration Syndrome". Abstract presentation at Annual International Lung Conference/American Thoracic Society Meetings, San Francisco, California, May 1997.

77. **Brown, R.W.:** "Childhood Asthma - Nothing to Wheeze At". Invited Speaker, St. Mary's Grand Rapids Family Practice Residency 17th Annual Alumni Conference. Grand Rapids, Michigan, June 1997.
78. **Brown, R.W.:** "Tuberculosis in Childhood" Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, MI, June 1997.
79. **Brown, R.W.:** "1997 NIH Asthma Guidelines: What Every Pediatrician Needs to Know" Pediatric Grand Rounds, University of Michigan. Ann Arbor, Michigan, July 1997.
80. **Brown, R.W.:** "Inpatient Management of Asthma" Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, MI, July 1997.
81. **Brown, R.W.:** "Pending Respiratory Failure in Children" Family Practice Clinical Rounds. Genesys Regional Medical Center. Flint, Michigan, August 1997.
82. **Brown, R.W.:** "Asthma Care in the 21st Century: What Every Clinician Should Know" Invited Speaker, Mercy Hospital Lecture Series. Cadillac, Michigan, August 1997.
83. **Brown, R.W.:** "NIH Guidelines for Asthma: New Strategies for Children and Adults" Invited Speaker, Kalamazoo Area Medical Lecture Series. Kalamazoo, Michigan, August 1997.
84. **Brown, R.W.:** "Outpatient Management of Asthma" Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, Michigan, September 1997.
85. **Brown, R.W.:** "1997 NIH Asthma Guidelines: What Every Pediatrician Needs to Know" Pediatric Grand Rounds, St. Joseph Mercy Hospital. Ypsilanti, Michigan, September 1997.
86. **Brown, R.W.:** "Differential Diagnosis in Pediatric Respiratory Disease" University of Michigan Pediatric Board Review Course. Ypsilanti, Michigan, September 1997.
87. **Brown, R.W.:** "Pediatric Lung Transplantation 101" Pediatric Grand Rounds, University of Michigan, Ann Arbor, Michigan, September 1997.
88. **Brown, R.W.:** "1997 NIH Asthma Guidelines: Everything You Need to Know" Congdon Lecture Series--"Update Pediatrics", Genesys Regional Medical Center-Health Park; Grand Blanc, Michigan, September 1997.
89. **Brown, R.W.:** "Asthma: What's New, What's Important!" Pediatric Grand Rounds, Oakwood Medical Center, Dearborn, Michigan, September 1997.
90. **Brown, R.W.:** "The Leukotrienes and Epidemiologic Perspectives on Asthma"; Michigan-Indiana Asthma Specialist Forum; sponsored by Merck Pharmaceuticals, October 1997.
91. **Brown, R.W.:** "Asthma Medications: Everything You Want to Know and More." Family Asthma Series, American Lung Association of Michigan and the University of Michigan, Ypsilanti, Michigan, October 1997.
92. **Brown, R.W.:** "New Trends in Asthma Therapy", 1997 Ohio Family

Practice Society Conference, Maumee, Ohio, October 1997.

93. **Brown, R.W.:** Invited Speaker, Prince of Wales Hospital Pediatric Grand Rounds. "Global Perspectives on Childhood Wheeze and Asthma". Hong Kong, November 1997.
94. **Brown, R.W.:** "RAD, RSV, or TLC, What's Next for Little Wheezers?" Postgraduate Neonatology Course, University of Michigan Medical Center, Ann Arbor, Michigan, November 1997.
95. **Brown, R.W.:** "Asthma Essentials", Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, MI, January 1998.
96. **Brown, R.W.:** "RSV and Steroids?", Pediatric Housestaff Clinical Lecture Series. University of Michigan, Ann Arbor, MI, January 1998.
97. **Brown, R.W.:** "Pathophysiology and Pharmacotherapy of Asthma." University of Michigan Medical School, Department of Pharmacology, Ann Arbor, Michigan, February 1998.
98. **Brown, R.W.:** "Differential Diagnosis in Pediatric Respiratory Disease." Family Practice Grand Rounds. Genesys Regional Medical Center. Grand Blanc, Michigan, February 1998.
99. **Brown, R.W.:** "NIH Guidelines for Asthma: New Strategies for Children and Adults". Lincoln Center Lecture, Bay Medical Education Grand Rounds, Bay City, Michigan, March 1998.
100. **Brown, R.W.:** "Asthma: What's New, What Works?" Grace Hospital Family Practice Grand Rounds, Detroit, Michigan, March 1998.
101. **Brown, R.W.:** "The Three R's of Bronchiolitis?: RSV, Ribavirin, and Respigam"; Michigan Society for Respiratory Care Annual Conference, April 1998.
102. **Brown, R.W.:** "NIH Guidelines for Asthma: New Strategies for Children and Adults". Michigan Society for Respiratory Care Annual Conference, April 1998.
103. **Brown, R.W., Clark, NM, Joseph, CLM:** "Antiinflammatory Medication Use in Urban Schoolchildren" Abstract presentation at Annual International Lung Conference/American Thoracic Society Meetings, Chicago, Illinois, April 1998.
104. **Brown, R.W.:** "Pulmonary Function Testing: What Every Cardiologist Ought to Know". Pediatric Cardiology Clinical Research Conference. University of Michigan, Ann Arbor, MI, May 1998.
105. **Brown, R.W.:** "Asthma Update for the Cardiologist". Pediatric Cardiology Clinical Research Conference. University of Michigan, Ann Arbor, MI, June 1998.
106. **Brown, R.W.:** Invited Speaker, Beijing Anzhen Hospital Grand Rounds. "Global Asthma Perspectives and Trends"; Beijing, China, June 1998.
107. **Brown, R.W.:** Invited Speaker, National Medical Association Annual Scientific Assembly. Anti-Leukotriene Therapy in the Management of Patients with Asthma". New Orleans, LA, August 1998.
108. **Brown, R.W.:** Invited Participant, Ypsilanti Health Fair, "Asthma:

What you need to know and more". Ypsilanti, MI. August 1998.

109. **Brown, R.W.:** Moderator, Pediatric Respiratory Specialists Meeting, sponsored by Merck. Santa Barbara, CA. September 1998.
110. **Brown, R.W.:** "Asthma: What's New for Childhood Therapy?" Henry Ford Hospital Grand Rounds, Detroit, Michigan, September 1998.
111. **Brown, R.W.:** "Differential Diagnosis in Pediatric Respiratory Disease." University of Michigan Pediatric Board Review Course. Ann Arbor, MI, September 1998.
112. **Brown, R.W.:** "Asthma Emergencies". Emergency Medicine Grand Rounds. Garden City Hospital, Garden City MI, November 1998.
113. **Brown, R.W.:** "Airway Noise and Respiratory Distress in the Child". Emergency Medicine Grand Rounds. Garden City Hospital, Garden City MI, November 1998.
114. **Brown, R.W.:** "Asthma: Newest Trends for the New Century." Annapolis Hospital Pediatric Grand Rounds. Wayne MI, November 1998.
115. **Brown, R.W.:** "Asthma Medications: A Closer Look." Toledo Hospital Grand Rounds. Toledo OH, January 1999.
116. **Brown, R.W.:** "Anti-Leukotriene Therapy in Asthma." University of Michigan Family Practice Board Review Course. Ann Arbor MI, March 1999.
117. **Brown, R.W.:** "Asthma Emergencies." Old Dominion Medical Society. Virginia Beach VA, June 1999.
118. **Brown, R.W.:** "Medical management of Asthma." PriMed South Family Practice Conference. Ft. Lauderdale, FL, January 2000.
119. **Brown, R.W.:** "Asthma therapy in toddlers." Pediatric Grand Rounds, Sparrow Hospital. Lansing MI, January 2000.
120. **Brown, R.W.:** "Differential Diagnosis in Pediatric Respiratory Disease." St. Joseph Hospital Emergency Medicine Grand Rounds. Ann Arbor MI, February 2000.
121. **Brown, R.W.:** "Asthma in Schools." American Association of Asthma, Allergy, and Immunology. San Diego CA, March 2000.
122. **Brown, R.W.:** "America's Asthma Epidemic: State of the State." Pediatric/Family Practice Grand Rounds. Munson Medical Center. Traverse City MI, March 2000.
123. **Brown, R.W.:** "Physician Behavior and Asthma Care in America: A Long Look in the Mirror." 13th Annual Dr. Richard Cushing Memorial Lecture. Minneapolis MN, April 2000.
124. **Brown, R.W.:** "Behavioral Aspects of Pediatric Asthma" Eastern Allergy Society Annual Conference. Ft. Lauderdale FL, May 2000.
125. **Brown, R.W.:** "Asthma 2000: What Every Pediatrician Must Know." Pediatric grand rounds. University of Michigan. Ann Arbor MI, May 2000.

126. **Brown, R.W.:** "Asthma in Urban America." Pediatric grand rounds. Scottish Rite Children's Hospital. Atlanta GA, September 2000.
127. **Brown, R.W.:** "Asthma Care 101." Nursing rounds. Genesys Health Park. Grand Blanc MI, September 2000.
128. **Brown, R.W.:** "Asthma in America's Schools." Pediatric grand rounds. University of Texas Medical School (UTMB), Galveston TX, September 2000.
129. **Brown, R.W.:** "Behavioral Issues in Asthma." Pediatric grand rounds. Children's Hospital of the King's Daughter. Norfolk VA, October 2000.
130. **Brown, R.W.:** "Asthma in Schools: What's New?" Pediatric grand rounds. St. John's Children's Hospital. Detroit MI, November 2000.
131. **Brown, R.W.:** "Cough and Wheeze in Children: What does it mean?" Resident/Medical Student Rounds. University of Michigan. Ann Arbor MI, 2000.
132. Participant: NHLBI Disparities in Asthma Workshop. Bethesda MD, January 2001.
133. **Brown, R.W.:** "Pathophysiology and Pharmacotherapy of Asthma." University of Michigan Medical School, Department of Pharmacology, Ann Arbor, Michigan, February 2001.
134. **Brown, R.W.:** "Asthma Update 2001" Michigan Society of Physician Assistants. Mt. Pleasant MI, September 2001.
135. **Brown, R.W.:** "New Issues in Pediatric Asthma." Pediatric Grand Rounds. Boston University Medical Center. Boston MA, October 2001.
136. **Brown, R.W.:** Keynote Address - Boston's Annual Citywide Asthma Forum: "Our Asthma Epidemic...What Can You Do?" Boston MA, October 2001.
137. **Brown, R.W.:** "Asthma Management in Children." Michigan Family Practice Colloquium. Lansing MI, January 2002.
138. **Brown, R.W.:** "Epidemiologic Issues in Asthma." Michigan Allergy Society. Novi MI, February 2002.
139. **Brown, R.W.:** "Asthma Clinical Update 2002." Robert Wood Johnson National Allies Against Asthma meeting. Phoenix AZ, March 2002.
140. **Brown, R.W.:** Kendig Annual Lecture. American College of Chest Physicians Pediatric Pulmonology Seminar. Orlando FL, March 2002.

List truncated at 140 entries--complete listing pending and available upon request.