

March 7, 2020

**CURRICULUM VITAE
KAREN LYNNE DAIGLE, M.D.**

Hasbro Children's Hospital/Rhode Island Hospital
593 Eddy St
Providence, RI 02903
Office Phone 401-444-8059
Office Fax 401-444-2168
Kdaigle@Lifespan.org

EDUCATION

College/ Medical School	Brown University Program in Medicine 7 Year Continuum	Sep 1978-May 1985
	A.B. Biomedical Sciences	May, 1982
	M.D.	May 27, 1985

POSTGRADUATE TRAINING

Residency	SUNY Health Science Center, Syracuse, N.Y.	
	PL 1-3 in Pediatrics	Jul 1985-Jun 1988
	Assistant Chief Resident in Pediatrics	Jul 1987-Jun 1988
Fellowship	The Lung Center, Children's Hospital of Buffalo, N.Y.	
	Pediatric Pulmonology	Jul 1988-May 1989
	University of Connecticut Health Center, Farmington	
	Pediatric Pulmonology	Jun 1989-Jun 1991

POSTGRADUATE HONORS AND AWARDS

Outstanding Young Women of America, 1986
Most Valuable Player, Department of Pediatrics, Hasbro Children's Hospital, 1/2010
Top Doctors, Pulmonology, RI Monthly, 5/2018, 5/2019, 5/2020
Outstanding Partnership Award, Massachusetts/RI chapter, Cystic Fibrosis Foundation, 10/2018

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

<u>LICENSURE</u>	New York, 171466, 1987-1990
	Connecticut, 029993, 1989-2008
	Rhode Island 12506, 2007-present (expires 6/30/2020)
	Massachusetts 257460, 12/2013-present (exp 4/18/2020)

<u>BOARD CERTIFICATION</u>	National Board of Medical Examiners, 1986
	Pediatrics, 1989
	Pediatric Pulmonology, 1992; recertification 2000, 2006; meeting MOC requirements to date

ACADEMIC APPOINTMENTS

Jul 2018-	Clinical Professor of Pediatrics Alpert Medical School of Brown University Providence, RI
Jul 2009 – June 2018	Clinical Associate Professor of Pediatrics Alpert Medical School of Brown University Providence, RI

Sep 2000 – Aug 2007 Associate Professor of Pediatrics
University of Connecticut School of Medicine
Farmington, CT

Jul 1991- Sept 2000 Assistant Professor of Pediatrics
University of Connecticut School of Medicine
Farmington, CT

Sep 1995-Jun 1996 Assistant Clinical Professor, Courtesy Faculty
Yale University School of Nursing
New Haven, CT

Sep 1996- Jun 2004 Adjunct Faculty, Division of Health Professions
University of Hartford
Hartford, CT

Sep 2000- Aug 2007 Adjunct Lecturer
Trinity College
Hartford, CT

HOSPITAL APPOINTMENTS

Primary

Oct 2007 - Active staff
Department of Pediatrics
Rhode Island Hospital/Hasbro Children’s Hospital
Providence, RI

Apr 1996- Aug 2007 Active staff
Department of Pediatrics
Connecticut Children’s Medical Center
Hartford, CT

Jun 1991- Apr 1996 Attending Physician
Department of Pediatrics
John Dempsey Hospital, University of Connecticut Health Center
Farmington, CT

Other/affiliated

Sept 2014 - Courtesy staff, Department of Pediatrics
St. Anne’s Hospital
Fall River, MA

Sept 2008- Consulting staff, Department of Pediatrics
Women & Infants Hospital
Providence, RI

1998- Sep 2007 Courtesy staff, Department of Medicine
Hartford Hospital
Hartford, CT

1998- Sep 2007 Affiliated staff, Department of Pediatrics
Hospital of Central Connecticut

New Britain, CT

1997-Sep 2007 Consulting Physician, Department of Pediatrics
Hospital for Special Care
New Britain, CT

1996-Sep 2007 Affiliated Staff, Department of Pediatrics
John Dempsey Hospital, University of Connecticut Health Center
Farmington, CT

1996-Sep 2007 Courtesy staff, Department of Pediatrics
Hartford Hospital
Hartford, CT

1992-Sep 2007 Consulting Physician, Department of Pediatrics
St. Francis Hospital and Medical Center
Hartford, CT

OTHER APPOINTMENTS

Sep 2015- Nov 2015 Interim Division Director
Pediatric Asthma and Allergy
Hasbro Children's Hospital/Rhode Island Hospital
Providence, RI

Jan 2014- Director of Quality and Safety Program
Pediatric Pulmonary Division
Hasbro Children's Hospital/Rhode Island Hospital
Providence, RI

April 2011- Director, Cystic Fibrosis Foundation Care Center
Hasbro Children's Hospital/Rhode Island Hospital
Providence, RI

Nov 2010- Division Director
Pediatric Pulmonology
Hasbro Children's Hospital/Rhode Island Hospital
Providence, RI

Mar 2008- Oct 2010 Interim Division Director
Pediatric Pulmonology
Hasbro Children's Hospital/Rhode Island Hospital
Providence, RI

Oct 2007- Co-Director, Pediatric Pulmonary Function and
Exercise Laboratory
Hasbro Children's Hospital/Rhode Island Hospital
Providence, RI

Jan 2000- Aug 2007 Director
Pediatric Pulmonary Fellowship Training Program
University of Connecticut School of Medicine
Farmington, CT

Fall, 1996- 2004	Co-director, Pediatric Respiratory Therapy Course University of Hartford Respiratory Therapy Program Hartford, CT
Apr 1996 – Aug 2007	Director, Pediatric Pulmonary Function and Exercise Laboratory and Infant Pulmonary Function Program Director, Pediatric Pulmonary Flexible Bronchoscopy Program, Connecticut Children’s Medical Center Hartford, CT
Apr 1996- Aug 2007	Coordinator, Education Program Pediatric Pulmonary Division Connecticut Children’s Medical Center Hartford, CT
Jul and Aug 1995	Acting Chief, Pulmonary Division Department of Pediatrics University of Connecticut Health Center Farmington, CT
Dec 1994 –Mar 1996	Director, Infant Pulmonary Function Program Director, Pediatric Pulmonary Flexible Bronchoscopy Program University of Connecticut Health Center Farmington, CT
Nov 1992- Mar 1996	Director, Pediatric Pulmonary Function and Exercise Laboratory University of Connecticut Health Center Farmington, CT

HOSPITAL COMMITTEES

Oct 2011-	BIT:S Working group Women & Infants Hospital Providence, RI
Sept 2011-2013	Patient and Family Centered Care Steering Committee Hasbro Children’s Hospital Providence, RI
Feb 2010-Jan 2011	Discharge of the Medically Complex Child Planning Committee Women & Infants Hospital Providence, RI
Mar 2008 – Dec 2010	Respiratory Committee Hasbro Children’s Hospital/Rhode Island Hospital Providence, RI
Dec 2005 – Aug 2007	Clinical Care Committee Connecticut Children’s Medical Center
Nov 1997- Jun 2001	Institutional Review Board Connecticut Children’s Medical Center Hartford, CT

Sep 1997- 2000 Chair, Quality Improvement Committee
Pulmonary Division
Connecticut Children's Medical Center
Hartford, CT

1996- 2005 Medical Staff Council, Connecticut Children's Medical Center
Executive Committee, Medical Staff Council (1996-2000)

Jul- Dec 1995 CPR Committee
John Dempsey Hospital
Farmington, CT

Jun-Dec 1994 Conscious Sedation Task Force
John Dempsey Hospital
Farmington, CT

Jul 1992-Jan 1995 Chair, Ad Hoc Committee
RSV/Respiratory Virus and Ribavirin Use
John Dempsey Hospital
Farmington, CT

Apr 1992 –Apr 1996 Coordinator, Quality Assurance Program
Department of Pediatrics
University of Connecticut Health Center
Farmington, CT

UNIVERSITY COMMITTEES

Nov 2014-Jun 2015 Chair, Medicine/Pediatrics Search Committee
The Alpert Medical School of Brown University
Providence, RI

Oct 2013-Jun 2014 Pediatric Asthma/Allergy Search Committee
The Alpert Medical School of Brown University
Providence, RI

Jan 2008- Sep 2019 Residency Improvement Committee
Pediatric Residency Training Program
The Alpert Medical School of Brown University
Providence, RI

Jul 2003 – Aug 2007 Member, Program Review Working Group
(including chair of several internal program reviews)
Graduate Medical Education Committee
University of Connecticut School of Medicine
Farmington, CT

Aug 1999- Aug 2007 Residency Advisory Committee
Pediatric Residency Training Program
University of Connecticut School of Medicine
Farmington, CT

Jun 1999- Aug 2007 Medical Student Education Committee, Department of Pediatrics

University of Connecticut School of Medicine
Farmington, CT

OTHER COMMITTEES/PROFESSIONAL GROUPS

Sep 2017 - Chronic ventilation subgroup
Pediatric Acute Lung Injury and Sepsis Investigators Network

Jul 2016- Faculty Incentive Compensation Task Force
Department of Pediatrics
Lifespan Physician Group

Jan 2015-Dec 2016 Board of Directors
Ronald McDonald House
Providence, RI

Sep 2010- Mar 2016 Leadership Board
Rhode Island Chapter, American Lung Association of New England
Vice Chair, 9/2011-11/2013
Chair, 12/2013- 6/2015
Member, Policy Subcommittee, 1/2015-3/2016

Oct 2009- Dec 2015 Rhode Island Asthma Control Coalition
Rhode Island Department of Health, Asthma Control Program
Chair 12/2010-12/2012
Subcommittees: Bylaws 12/09; Asthma Reimbursement 1/10; Public
Education, 12/10

May 1997- 1999 Statewide Asthma Committee
American Lung Association of Connecticut

May 1997- 1999 Inner City Asthma Group
Pediatric Assembly, American Thoracic Society

Jul 1997- 1998 Inner City Asthma Committee
Hartford Public Health Department
Hartford, CT

Dec 1996-Jul 1997 Asthma Education Standards Task Force
American Lung Association

MEMBERSHIP IN SOCIETIES

2008- Member, Rhode Island Thoracic Society
1992- 2007 Member, Connecticut Thoracic Society
1991- 2007 Fellow, American Academy of Pediatrics
1990- Member, American Thoracic Society
Member: Chronic Ventilation Working Group, 2010- 2016
1988-1989 American College of Chest Physicians, Affiliate
1985 Brown University Medical Association

PUBLICATIONS

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Hakonarson, H., Moskovitz, J., Daigle, K.L., Cassidy, S.B., and Cloutier, M.M.

Pulmonary function abnormalities in Prader-Willi Syndrome (PWS). *J. Pediatr.* 126(4):565-70, 1995.

2. Nair SJ, Daigle KL, DeCuir P, Lapin CD and Schramm CM. The influence of pulmonary function testing on the management of asthma in children. *J Pediatr*, 2005; 147:797-801.

3. Hagadorn JI, Sanders MR, Staves C, Herson VC, Daigle K. Diuretics For Very Low Birth Weight Infants In The First 28 Days: A Survey of the US Neonatologists. *J Perinatology*, 2011, 31(10):677-81. doi: 10.1038/jp.2011.11. Epub 2011 Mar 10

4. Sterni LM , Collaco JM, Baker CD, Carroll JL, Sharma GD, Brozek JL, Finder JD, Ackerman VL, Arens R, Boroughs DS, Carter J, Daigle KL, Dougherty J, Gozal D, Kevill K , Kravitz RM, Kriseman T, MacLusky I, Rivera-Spoljaric K, Tori AJ, Ferkol T, Halbower AC. An Official American Thoracic Society Clinical Practice Guideline: Pediatric Chronic Home Invasive Ventilation. *Am J Resp Crit Care Med*, 2016; 193(8):e16-e35.

BOOKS AND BOOK CHAPTERS

1. Daigle, K.L. and Cloutier, M.M.: Bronchitis. In: Loughlin G.M., Eigen, H. (eds.), *Respiratory Disease in Children, Diagnosis and Management*. Baltimore, Maryland: Williams and Wilkins; 1994: 301-305.

2. Daigle, K. L., Pulmonary Diseases. In: Dworkin P.H, Algranati P. S. (eds), *NMS Pediatrics*. Baltimore, Maryland: Lippincott Williams & Wilkins; 2009:297-315.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Daigle, K. and Cloutier, M. Office management of bronchopulmonary dysplasia. *Comprehensive Therapy*, 23(10):656-62, 1997.

2. Daigle, K. and Cloutier, M. Evaluation and management of chronic cough in children. *Clinical Pulmonary Medicine*, 7(3):135-139, 2000.

3. McKinney RL, Shukla K; Daigle K; Zeigler J; Muller, Martin M, Keszler, M. The BIT:S(Bronchopulmonary Dysplasia Interdisciplinary Team: Severe) Initiative at Women and Infants Hospital of Rhode Island. *RI Med J*, 102(3):22-25, 2019.

MULTICENTER TRIALS

1. Rosenfeld M, Emerson J, McNamara S, Thompson V, Ramsey BW, Morgan W, Gibson RL; EPIC Study Group. Risk factors for age at initial Pseudomonas acquisition in the cystic fibrosis epic observational cohort. *J Cyst Fibrosis*, 11(5):446-53, 2012
Role: Site principal investigator

ABSTRACTS

1. Daigle, K.L., Brody, A.S., Nathanson, I.T.: Effect of surfactant on radiographic respiratory distress syndrome (RDS) and bronchopulmonary dysplasia (BPD). *Am.Rev.Resp.Dis.* 139(4):A565, 1989.

2. Brody, A.S., Daigle, K.L., Mueller, D.L., Kuhn, J.P.: Can the chest radiograph predict BPD development in surfactant treated infants? *Radiology*, 173(2 Supp):36, 1989.

3. Daigle, K.L., O'Donnell, J.K., Nathanson, I.T.: Clinical findings and polysomnographic results in pediatric patients evaluated for obstructive apnea syndrome (OSAS). *Am. Rev.Resp.Dis.* 141(4):A807, 1990. Poster presentation, International Conference, American Thoracic Society, Boston, MA, 5/1990
4. Daigle, K.L. and Cloutier, M.M.: The spectrum of chronic cough in children. *Am. Rev. Resp. Dis.* 145(4):A555, 1992. Poster presentation, International Conference, American Thoracic Society, Miami, FL, 5/1992
5. Schaeffer, D.A., Cloutier, M.C., Daigle, K.L., Sidman, J.D.: Vocal cord dysfunction in infants with severe bronchopulmonary dysplasia. *Am. Rev. Resp. Dis.* 145(4):A343, 1992.
6. Hakon Hakonarson, Jay Moskovitz, Karen L. Daigle, Suzanne Cassidy and Michelle M. Cloutier: Pulmonary function abnormalities in patients with Prader-Willi Syndrome. *Am. Rev. Resp. Dis.* 147(4):A584, 1993.
7. Cloutier, M.M., Hall, C.B., Rowe, T., Bailit, H., Daigle, K.L., Lapin, C.D., Quirk, C.A., Carlisle, P.S. Easy Breathing an asthma management program for inner city children. *Amer J Respir Critical Care Med*, 161:A621, 2000.
8. Santini, M.R, Marciniak, P., Caddick-Dowty,S. Swartz, K., Daigle, K. A structured, targeted approach to CF education by a multidisciplinary team. *Pediatr Pulmonol*, Suppl 38;454: A645, 2014
9. Santini, M.R, Marciniak, P., Caddick-Dowty,S. Swartz, K., Daigle, K. Impact of a targeted education program on patient and caregiver CF knowledge. *Pediatric Pulmonol*, Suppl 45; 481:A756, 2016.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

NON-PEER REVIEWED

Tracheostomy and Ventilator Teaching Program

Hasbro Children's Hospital

Role: Content expert, editor

November 2012

https://www.lifespan.org/uploadedFiles/HASBRO/Content/Centers_and_Services/Pulmonary/Tracheostomy_Care_hand_outs_updatewithpictures.pdf

https://www.lifespan.org/uploadedFiles/HASBRO/Content/Centers_and_Services/Pulmonary/Learning_list_for_the_care_of_child_with_a_tracheostomy_final.pdf

<https://www.lifespan.org/sites/default/files/lifespan-files/documents/centers/ventilator-integration-program/Understanding-Your-Childs-ventilator.pdf>

https://www.lifespan.org/uploadedFiles/HASBRO/Content/Centers_and_Services/Pulmonary/Learning_List_vent.pdf

INVITED PRESENTATIONS

International

1. Learn about pediatric lung disease: American Lung Association symposium
International Conference, American Thoracic Society, Chicago, IL, 4/1998

National

1. The spectrum of chronic cough in children (poster presentation)
Pediatric Pulmonary Fellows Program,
American Academy of Pediatrics, New Orleans, LA 11/1991

2. Indirect calorimetry in Prader-Willi Syndrome (slide presentation)
Annual Prader- Willi Syndrome Scientific Conference, Philadelphia, PA, 7/1992

3. Cough: of causes and cures, Seminar
Annual meeting, American Academy of Pediatrics, San Francisco, CA, 10/1998

4. Cough, cough, cough: chronic cough in children;
Pulmonary Cases: My child won't stop coughing
35th Annual Problems in Pediatrics Conference
Colby College, Waterville, ME, 7/6-7/10/2009

Regional or Local

1. Effect of 12-phorbol 13-myristate (PMA) on protein phosphorylation in bovine tracheal epithelium (slide presentation)
Connecticut Thoracic Society Annual Lung Research Conference, New Haven, CT, 4/1991

2. CFTR: What is it?
Lung Cell Biology Club
University of Connecticut Health Center, Farmington, CT, 10/1991

3. Who Needs Home Apnea Monitoring? - Panel discussion
Recent Advances in Pediatrics for the Practitioner
Yale University, New Haven, CT, 12/1991

4. Respiratory Assessment and Respiratory Failure
Pediatric/PICU Nursing Course
John Dempsey Hospital, Farmington, CT, 5/1992

5. The Pediatric Respiratory System: A Perspective for the Non- Pediatrician
Pulmonary Fellows Conference, Department of Medicine
University of Connecticut Health Center, Farmington, CT, 8/1992

6. Respiratory Assessment and Respiratory Failure, Blood Gases
Pediatric/PICU Nursing Course,
John Dempsey Hospital, Farmington, CT, 9/1992

7. Bronchopulmonary Dysplasia
Pediatric/PICU Nursing Course
John Dempsey Hospital, Farmington, CT, 9/1992

8. EGF-dependent tyrosine phosphorylation in airway epithelial cells
Lung Cell Biology Club
University of Connecticut Health Center, Farmington, CT, 11/1992

9. Respiratory Assessment and Respiratory Failure, Bronchopulmonary Dysplasia
Pediatric/PICU Nursing Course
John Dempsey Hospital, Farmington, CT, 4/1993

10. Asthma and the Adolescent
Pediatric Pulmonary Conference: The Child with Chronic Lung Disease in Your Community,
University of Connecticut Health Center, Farmington, CT, 10/1993

11. Bronchopulmonary Dysplasia

- Advanced Neonatal Nursing Course
John Dempsey Hospital, Farmington, CT, 10/1994
12. Managing Chronic Asthma
Pediatric Pulmonary Conference: Childhood Asthma and the Primary Care Physician
University of Connecticut Health Center, Farmington, CT, 10/1994
13. Bronchopulmonary Dysplasia
Advanced Neonatal Nursing Course
John Dempsey Hospital, Farmington, CT, 3/1996
14. Asthma
Pulmonary Medicine Workshop, Pediatric Clinical Update Symposium
Connecticut Children's Medical Center, Hartford, CT, 6/1996
15. Understanding Asthma
Family Asthma Seminar
Veterans Memorial Medical Center, Meriden, CT, 9/1996
16. Bronchopulmonary dysplasia: Into the 21st century
Connecticut Association of Neonatal Nurses, Farmington, CT, 11/1997
17. Chronic asthma management: how to make it work:
Asthma: the new NHLBI Standards
Connecticut Children's Medical Center, Hartford, CT, 12/1997
18. Childhood Asthma
Asthma Management in the Primary Care Setting
American Thoracic Society/New Jersey Thoracic Society, Princeton, NJ, 12/1997
19. The NHLBI Guidelines: What they are and how to use them
Treating the Asthmatic Patient
Key Pharmaceuticals, Cromwell, CT, 5/1998
20. Management of Pediatric Asthma
National Association of Pediatric Nurse Associates and Practitioners, Cromwell, CT, 9/1998
21. Childhood Asthma and New Therapies
Pediatric Pulmonary Seminar
New Jersey Thoracic Society, Newark, NJ, 11/1998
22. Childhood Asthma
Asthma Management in the Primary Care Setting
Connecticut Thoracic Society, Mystic, CT, 11/1998
23. Cystic fibrosis: what's happening in the 90s?
Perinatal Conference
Hartford Hospital, Hartford, CT, 4/1999
24. Asthma management in the school aged child,
21st Annual School Health Conference
American Academy of Pediatrics, CT Chapter, Waterbury, CT, 5/1999

25. Steroids/neonatal lung disease
Neonatal Fellows Conference
University of Connecticut Health Center, Farmington, CT, 12/1999
26. Clinical Approaches to Pediatric Asthma Management
Dinner meeting supported by Merck & Co., Inc., Hartford, CT, 10/2001
27. Pulmonary Hypoplasia
Perinatal Conference
Connecticut Children's Medical Center, Hartford, CT, 4/2003
28. Medications/Delivery Devices
Asthma Educator Institute
American Lung Association of CT, New Britain, CT, 10/25/2005
29. Asthma: Update in Pediatric Pulmonology Mini-review
Respiratory Care Department
Connecticut Children's Medical Center, Hartford, CT, 7/2006
30. Medications/Delivery Devices; Patient and Family Assessment: Objective Measures
Asthma Educator Institute
American Lung Association of CT, New Britain, CT, 11/2006
31. Medications/Delivery Devices; Patient and Family Assessment: Objective Measures
Asthma Educator Institute
American Lung Association of CT, Mystic, CT, 4/25/2008
32. Medications/Delivery Devices; Patient and Family Assessment: Objective Measures
Asthma Educator Institute
American Lung Association, Providence, RI, 4/24/2009
33. Spirometry: Technique and Interpretation
St. Joseph's Hospital, Providence, RI, 8/25/2009
34. Managing Pediatric Asthma
RI Chronic Care Collaborative 2010 Congress, Warwick, RI, 3/24/2010
35. Management of Pediatric Asthma
Coastal Medical Practice Transformation and Redesign Part 2, Warwick, RI, 4/7/2010
36. The Medical Complex Pediatric Patient: A Multidisciplinary Approach
Ventilator Integration Program group presentation
RI Society for Respiratory Care, Annual Conference, Newport, RI, 4/1/2010
37. Asthma Management: Pharmacological Therapy
Asthma Educator Institute
American Lung Association, Mystic, CT, 4/16/2010
38. Spirometry: Technique and Interpretation
Review Course
RI Association of Certified Asthma Educators, 6/1/2010
39. Spirometry: Technique and Interpretation

Tritown Health Center, Johnston, RI 8/27/2010

40. Asthma Management: Pharmacological Therapy; Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Mystic, CT, 4/14/2011

41. Spirometry: Technique and Interpretation
Review Course
RI Association of Certified Asthma Educators, 5/4/2011

42. Spirometry: Technique and Interpretation
Thundermist Health Center, West Warwick, RI, 1/27/2012

43. Asthma Management: Pharmacological Therapy; Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Mystic, CT, 5/17/2012

44. Spirometry: Technique and Interpretation
Review Course
RI Association of Certified Asthma Educators, 5/22/2012

45. Asthma Pathophysiology; Asthma Management: Pharmacological Therapy; Factors
Contributing to Asthma Exacerbations
Chronic Care Management
Blue Cross Blue Shield of Massachusetts, Quincy, MA, 10/22/012

46. Asthma Management: Pharmacological Therapy; Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Mystic, CT, 5/23/2013

47. Spirometry and Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Providence, RI, 10/25/2013

48. Spirometry: Technique and Interpretation
Review Course
RI Association of Certified Asthma Educators, 11/6/2013

49. Asthma Management: Pharmacological Therapy; Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Mystic, CT, 5/15/2014

50. Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Providence, RI, 2/6/2015

51. Case Studies Using Spirometry
Asthma Educator Institute
American Lung Association, Providence, RI, 10/23/2015

52. CF Care Center Update
1st Annual Rhode Island Dinner
Cystic Fibrosis Foundation Mass-RI Chapter, Warwick, RI, 11/10/2015

53. Cystic Fibrosis
Cumberland School Nurses
Garvin School, Cumberland, RI, 2/16/2016
54. Current Strategies in Pediatric Asthma Care: Beyond the NAEPP Guidelines
Lung Force Expo
American Lung Association, Providence, RI, 4/7/2016
55. Spirometry: Technique and Interpretation
Review Course
RI Association of Certified Asthma Educators, 11/15/2016
56. CFF Care Center Update
Cystic Fibrosis Foundation MA-RI Chapter 2st Annual Dinner
Warwick, RI, 11/16/2016
57. CFF Care Center Update
Cystic Fibrosis Foundation MA-RI Chapter 2st Annual Dinner
Warwick, RI, 11/28/2017
58. CFF Care Center Update
Cystic Fibrosis Foundation MA-RI Chapter 2st Annual Dinner
Warwick, RI, 11/14/2018

Grand Rounds

1. Cystic Fibrosis: Challenges for the '90's
John Dempsey Hospital, Farmington, CT, 6/1990
2. Apparent Life-Threatening Events
Hartford Hospital, Hartford, CT, 5/1992
3. Bronchopulmonary Dysplasia for the General Practitioner-group presentation
St. Francis Hospital, Hartford, CT, 12/ 1992
4. Anti-inflammatory therapy and chronic lung disease
John Dempsey Hospital, Farmington, CT, 6/1993
5. Cystic Fibrosis - Clinical Issues & Update, Panel Presentation
Nursing Grand Rounds, John Dempsey Hospital Farmington, CT, 10/1993
6. Cystic Fibrosis: Beyond the Year 2000
Medicine Grand Rounds, Rockville General Hospital, Rockville, CT, 7/1995
7. Cystic Fibrosis: Beyond the Year 2000
Medicine Grand Rounds, Charlotte Hungerford Hospital, Torrington, CT, 11/1995
8. Cystic fibrosis and the primary care provider
Backus Hospital, Norwich, CT, 11/1996
9. Chronic cough in children
Berkshire Medical Center, Pittsfield, MA, 6/1998

10. Chronic cough in children
Medicine Grand Rounds, Rockville General Hospital, Rockville, CT, 8/1998

11. Childhood asthma: what's a provider to do?
Backus Hospital, Norwich, CT, 1/1999

12. Inhaled therapy: fact or fiction?
Hospital for Special Care, New Britain, CT, 5/1999

13. RSV Prophylaxis: Who, What, Why
Connecticut Children's Med Center, Hartford, CT, 11/1999

14. Pediatric asthma: what's a provider to do?
Middlesex Hospital, Middletown, CT, 1/2000

15. Respiratory Therapy for the Pediatric Provider
Charlotte Hungerford Hospital, Torrington, CT, 2/2001

16. CF Survivor: The New Reality Show
Manchester Hospital, Manchester, CT, 1/2004

17. Community-Acquired Pneumonia
Day Kimball Hospital, Putnam, CT, 10/2005

18. Cough, cough, cough: Chronic cough in children
ENT Grand Rounds, Rhode Island Hospital, Providence, RI, 4/5/2008

19. Cough, cough, cough: Chronic cough in children
Hasbro Children's Hospital, Providence, RI, 7/25/2008

20. Asthma Management: The Menu of Medications
Sturdy Memorial Hospital, Attleboro, MA, 2/17/2010

21. Cystic Fibrosis: Therapy in a Class All Its' Own
Hasbro Children's Hospital, Providence, RI, 3/30/2012

22. BIT:S and Pieces About a New Consultative Service
Group presentation
Hasbro Children's Hospital, Providence, RI, 12/20/2013

23. Managing Pediatric Asthma: Let's Be Practical
Saint Anne's Hospital, Fall River, MA, 3/11/016

24. BIT:S and Pieces: The Puzzle Comes Together
Group presentation
Hasbro Children's Hospital, Providence, RI, 12/15/2017

PERIODIC LECTURES/PRESENTATIONS

Perinatal Conference, Women & Infants Hospital, Providence, RI

CPC: Cough and Hypoxemia/Interstitial Lung Disease, 6/18/2008

Bronchopulmonary Dysplasia and Chronic Lung Disease After Preterm Birth, 10/8/2008

Cystic Fibrosis: Therapy in a Class All Its' Own, 5/22/2013

Chronic Lung Disease After Preterm Birth: Long Term Management, Panel presentation:
Acute and Long Term Care of BPD, 6/29/2011
CPC: A neonate who needed ECMO, 4/2/2014
CPC: Pulmonary hemorrhage, 9/2/2015
CPC: Hypoxemia/Interstitial Lung Disease, 9/7/2016

Fellows Conference, Women & Infants Hospital, Providence, RI
Chronic Lung Disease After Preterm Birth: Management, 12/4/2014

GRANTS

1. Research Training Fellowship
American Lung Association of Connecticut
\$19,000; 7/90-6/91
2. Protein phosphorylation in airway epithelial cells
Faculty Development Research Grant, University of Connecticut Research Foundation
\$10,000; 11/1/91-10/31/92
3. Epidemiologic Study of Cystic Fibrosis: A multicenter, longitudinal follow-up of patients with cystic fibrosis for monitoring pulmonary function, pulmonary exacerbations and the safety of long-term treatment with Pulmozyme (dornase alfa)
Genentech, Inc.; \$98,925; 3/31/94- 3/12/02
Site Principal Investigator
4. A study of three dose levels of once-a-day Budesonide (Pulmicort) nebulizing suspension and placebo in asthmatic children aged eight years and younger
ASTRA; \$81,490; 8/1/94-8/31/96
Co- Principal Investigator, 8/94-7/95
Site principal Investigator, 7/95- 8/96
5. Prevalence of Human rhinovirus in pediatric asthma patients with acute upper respiratory illness
Miles, Inc.; \$2,750; 11/1/94-12/94
Site principal Investigator
6. Public-Private Alliance for Prevention: Project II: Hartford Childhood Asthma Intervention Program:
Donaghue Foundation; \$952,797; 3/1/97-2/29/02
Co-Investigator
7. Bronchoscopy teaching tape for medical students
Kaiser Permanente Committee; \$200, 8/1/98
8. Cystic Fibrosis Foundation Center Grant
Cystic Fibrosis Foundation; awarded annually 4/2011-; current year \$59, 505
Principal Investigator
9. The EPIC Observational Study: Longitudinal Assessment of Risk Factors For and Impact of *Pseudomonas aeruginosa* Acquisition and Early Anti-Pseudomonal Treatment in Children with Cystic Fibrosis
Seattle Children's Research and Medical Center, ~\$5,000/year; 4/2011- 12/2013
Site principal investigator, multicenter study

10. A Long-term Prospective Observational Safety Study of the Incidence of and Risk Factors for Fibrosing Colonopathy in US Patients with Cystic Fibrosis Treated with Pancreatic Enzyme Replacement Therapy: A Harmonized Protocol across Sponsors Seattle Children's Research and Medical Center, ~\$40,000/10 years; 2/2013-Site principal investigator, multicenter study
11. Development of an in vitro immunization protocol with human lymphocytes for pre-clinical testing of vaccines and therapeutics
Epivax, Inc., \$5,000; 2013
Principal clinical investigator
12. An Ocular Safety Study of Ivacaftor-Treated Pediatric Patients 11 Years of Age or Younger with Cystic Fibrosis
Vertex Pharmaceuticals Inc, \$7,875/2 years; 5/2014-/2016
Site principal investigator, multicenter study
13. Implementation of the Depression and Anxiety Guidelines:
Award for a Mental Health Coordinator
Cystic Fibrosis Foundation, \$152,342, 1/2016-12/2018; bridge funding \$40,500, 1/2019-12/2019
Principal Investigator

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

The Alpert Medical School, Brown University, Pediatric Residency Program (including fellowships):

Member of Curriculum Committee: 1/2008-

Resident advisor: T. Campbell (7/2008-12/2008), K. Scott (7/2009-2/2010), J McIntyre (2015-2016)

Member NICU fellow Scholarship Oversight Committee:

O. DeSimone (12/2008-6/2009),

K. Shukla (1/2014-6/2016)

"So You Want to Be a Doctor", summer studies course: 2008, 2009, 2010, 2013, 2014, 2015, 2018

University of Connecticut School of Medicine Pediatric Residency Program (including fellowships):

Director, Pediatric Pulmonary Fellowship Training Program: 1/2000-8/2007, 2 fellows

Director, Pulmonary elective: 4/1996-8/2007

Member of Resident Advisory Committee: 8/1999-8/2007

Resident advisor: S. Hogan

Member of NICU fellow Scholarship Oversight Committee: C. Staves (2006-2007)

Member, Program Review Working Group (including chair of several internal program reviews), Graduate Medical Education Committee: 7/2003-8/2007

University of Connecticut School of Medicine, Department of Pediatrics:

Lead Specialist for MAX Pediatrics: 4/96-8/07

Coordinator of teaching activities for 3rd year medical students

Conducted Group Learning Sessions (12-13 students),

Member of department's Undergraduate Medical Education Committee 6/1999-8/2007

Director, 4th year student Pulmonary elective: 4/1996-8/2007

HOSPITAL TEACHING, ADVISING and MENTORING ROLES

Hasbro Children's Hospital: 10/2007-

Supervisor/preceptor for clinical care in the inpatient settings for patients on the Pulmonary service and those seen in consultation, PL1-3 and medical students, 26-52 wks/yr
Preceptor for clinical care in the Pulmonary clinic for residents on elective, 3-7/year
Periodic didactic presentations on various topics, 30-40 learners/session, 2 sessions/year
Preceptor for 3rd year medical students during specialty clinic experience, ~15-20 sessions/year
Preceptor for 3rd year medical students during inpatient rotation: variable with patients on the Pulmonary inpatient service

Connecticut Children's Medical Center: 4/1996-8/2007

Supervisor/preceptor for clinical care in the inpatient settings for patients on the Pulmonary service and those seen in consultation, PL1-3, 9-15 residents/block, total 12-18 wks/yr
Supervisor/preceptor for clinical care in the Pulmonary Clinic for residents on elective, PL1-3, 4-8 residents/year
Periodic didactic presentations on various topics, 12-30 residents/session, 1-2 time/year
Periodic didactic presentations to subspecialty fellows (i.e., neonatal)
Preceptor for 3rd year medical students attending the Pulmonary clinic (½ day sessions for 6 week block 6 times/year, 1-2 students/wk)
Health Fellows, Trinity College, Hartford, CT:
Coordinator of elective experience in the Pulmonary division; supervisor of clinical encounters and fellow required research project; 3 fellows 2000-2007

OTHER MENTORING/TEACHING ROLES

Cystic Fibrosis Care Center: As director of the center, I mentor new providers (physicians, nurse practitioners) in both the pediatric and adult programs, in clinical care and program administration.