

## CURRICULUM VITAE

Sande O. Okelo, MD, PhD

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### PERSONAL HISTORY

#### **Business**

Sande Okelo, MD, PhD

Division of Pediatric Pulmonology and Sleep Medicine

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#### **PROFESSIONAL EXPERIENCE:**

2015-present Associate Professor, Department of Pediatrics,

David Geffen School of Medicine at UCLA

2011-present Founding Chief, Division of Pulmonology, Department of Pediatrics,

David Geffen

School of Medicine at UCLA

2011 - 2015 Assistant Professor in Residence, Step IV, Department of Pediatrics,

David Geffen School of Medicine at UCLA

2011 - Director of the UCLA Pediatric Asthma Center

2011 - Director of Clinical Research in the Division of Pulmonology, Department of Pediatrics, David Geffen School of Medicine at UCLA

#### **EDUCATION:**

2004-2011 PhD, Clinical Investigation, JHU|Hopkins Bloomberg School of Public Health

2000 – 2003 Fellow, Pediatric Pulmonology, JHU|Johns Hopkins University School of Medicine

1997 – 2000 Pediatric Intern and Resident, Children's Hospital Oakland

1994 –1995 Student Pathology Fellowship, Case Western Reserve University School of Medicine, Cleveland, Ohio

1992 -1997 Doctor of Medicine, Case Western Reserve University School of Medicine, Cleveland, Ohio

1986– 1990 B.A., History, Stanford University, Stanford, CA

#### **LICENSURE:**

California State Medical License A68246 1998 – 2000; 2011 – present

Maryland State Medical License D0056975 2005 – 2013

#### **BOARD CERTIFICATION:**

2005 – present American Board of Pediatrics, Pediatric Pulmonology

2001 – 2007 American Board of Pediatrics-General Pediatrics

1998 USMLE, Step III

1996 USMLE, Step II

1994 USMLE, Step I



### **Programmatic Leadership Accomplishments**

1. First pediatric pulmonary division chief at UCLA.
2. Established a fully operational academic division.
3. Increased pediatric pulmonary faculty: 2 →6
4. Carried out all Division Chief responsibilities for 4 years prior to official appointment
5. Consistently exceeded RVU productivity goals
7. National ranking in US News World Report
8. Growth from CF clinic to CF Affiliate to CF Center
9. Respiratory therapists into pulmonary clinics
10. Developed multi-disciplinary clinic for home ventilator, BPD and other CCS O2 patients
11. Led a multi-disciplinary committee to establish a health system-wide acute pediatric asthma pathway
12. Supported development of standardized inpatient airway clearance pathway and orderset
13. Supported development of a home ventilator discharge protocol for inpatients
14. Improved clinical revenue division 800%
15. Developed a popular outpatient elective rotation for pediatric residents
16. Launched quarterly UCLA Pediatric Pulmonary Newsletter (The Bruin Breathes)

### **Previous Positions Held**

- 2003 – 2011 Assistant Professor of Pediatrics, Johns Hopkins University
- 2003 – 2011 Director, Pediatric Cardiopulmonary Exercise Program, Johns Hopkins Hospital
- 2007 – 2009 Director, Journal Club, Pediatric Pulmonology, Johns Hopkins Hospital

### **PROFESSIONAL ACTIVITIES:**

#### **Committee Service**

- 2016 – 2022 Review and Appraisal Committee, Department of Pediatrics, UCLA
- 2017 –2020 Search Committees, Pediatric ICU and General Pediatrics Division Chief positions
- 2013 – 2019 Pediatric Asthma Clinical Practice Guidelines Group, UCLA
- 2014 – 2018 Department of Pediatrics Group Practice (DPGP), UCLA
- 2014 – 2017 Data Safety and Monitoring Board, member, The Coordinated Healthcare Interventions for Childhood Asthma Gaps in Outcomes (CHICAGO) Trial  
Data Safety and Monitoring Board, member
- 2012 – 2016 Data Safety and Monitoring Board, chair, School-Based Telemedicine Enhanced Asthma Management, University of Rochester
- 2003 – 2004 Data Safety and Monitoring Board, committee member, Johns Hopkins University

#### **Community Service**

- 2007 – 2008 Advisor, Student National Medical Association, Johns Hopkins University
- 2005 – 2005 Pediatrics In-patient Teaching Attending, Johns Hopkins Hospital
- 2003 – 2004 Medical Advisory Board member, Amerigroup Medicaid MCO, Baltimore, Maryland.

#### **Professional Associations and Scholarly Societies**

- 2000 – present American Thoracic Society
- 2013 – 2020 Society for Pediatric Research
- 2008 – 2020 Academic Pediatric Association

2003 – 2011 American Academy of Pediatrics  
1998 – 2010 National Medical Association  
2003 – 2005 American College of Chest Physicians

**Editorial Services**

2009 – 2020 Ad hoc reviewer: European Respiratory Journal, Pediatric Pulmonology,  
Pediatrics, Academic Pediatrics

**HONORS AND SPECIAL AWARDS:**

2009 – 2011 National Institutes of Health Loan Repayment Award, recipient.  
2001 – 2004 National Institutes of Health Loan Repayment Award, recipient.  
1994 – 1996 Summer Research Fellow, National Heart Lung and Blood Institute, Case  
Western Reserve University School of Medicine, Cleveland, OH

**RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:**

2016 – 2021 NHLBI Consultant total direct cost-\$511,377  
*Promoting Asthma Guidelines and Management Through Technology-based Intervention and Care Coordination (PRAGMATIC)*

2016 – 2019 NIBIB Consultant total direct cost-\$4,719,671  
*The Los Angeles PRISMS Center: the Biomedical Real-time Health Evaluation (BREATHE) platform*

2016 – 2017 American Thoracic Society/Breathe LA PI total direct cost-\$40,000  
*Improving Pediatric Asthma ED Care Using the PACCI-ED*

2012-2017 NIH/NINR Consultant total direct cost-\$493,387  
*The Asthma Express: Bridging Emergency to Primary Care in Underserved Children*

2013-2016 NIH/SBIR Co-PI total direct cost-\$250,000  
*Web-based Quality Improvement & Gameification for Improved Asthma Outcomes*

2011-2015 NIH/NIDCD, Consultant total direct cost \$278,706  
*Standardization of Videofluoroscopic Swallow Studies for Bottled-fed Children*

2011-2013 AHRQ PI total direct cost \$260,643  
*Interventions to Modify Health Care Provider Adherence to Asthma Guidelines: A Systematic Review*

2009-2010 Thomas Wilson Sanitarium PI total direct cost - \$20,000  
*Comparison of objective and subjective measures of responsiveness to treatment among inner-city children with asthma*

2008-2013 NIH/NHLBI PI total direct cost-\$662,258  
K23 Career Development Award  
*Development of a Pediatric Asthma Control and Communication Instrument*

2007-2009 Thrasher Research Fund Co-PI  
*The role of human metapneumovirus (hMPV) infection in asthmatic exacerbations in pediatric patients*

2006-2008 NIH/NHLBI PI  
Minority Investigator Research Supplement  
*Improving Asthma Care for Minority Children*

2002-2003 NIH/NIEHS PI  
Minority Postdoctoral Supplement.

## LECTURES AND PRESENTATIONS:

1. *Asthma Medications for Children*, School Nurses of Maryland, Columbia, Maryland, June, 2005
2. *“Pulmonary Function Testing for General Pediatricians”*, Johns Hopkins Community Physicians (JHCP), Baltimore, MD, October, 2005
3. *Titration Asthma Therapy in Children*. TRENDS in Pediatrics, Johns Hopkins University, Baltimore, MD, April, 2006
4. *Career Opportunities in the Medical Field*. Health Careers Opportunity Program (HCOP), Morgan State University, Baltimore, MD, July, 2006
5. *Titration Asthma Therapy in Children*. Grand Rounds, St. Agnes Hospital, Baltimore, MD, November, 2006
6. *Keeping Kids Active: Evaluation and Management of Exercise Limitation* TRENDS in Pediatrics, Johns Hopkins University, Baltimore, MD, April, 2007
7. *Asthma Update: the 2007 NIH Asthma Guidelines* Pediatrics Grand Rounds, Johns Hopkins Bayview Medical Center, Baltimore, MD, October, 2007
8. *Disparities in Asthma Care: Causes and Potential Solutions* Pediatrics Grand Rounds, Johns Hopkins University, Baltimore, MD, March, 2008
9. *The Contribution of Physician Characteristics and Treatment Behaviors to the Quality of Asthma Care of Minority Patients* Grand Rounds, University of California San Francisco, June 11, 2008
10. *Utilizing Clinical Research Methodologies to Improve Asthma Outcomes in Children*, Grand Rounds Department of Otolaryngology Johns Hopkins University, March 2, 2009
11. *Global Initiative for Asthma (GINA) Guideline Recommendations for the Diagnosis and Management of Asthma*, Hospital Panama Pacifica, May 23, 2009
12. *Acute and Recurrent Bronchitis in Children*, Hospital Panama Pacifica, May 23, 2009
13. *The roles of adherence and quality of life in asthma*, Mexico City, July 15, 2009
14. *Practical Strategies to Identify & Address Suboptimal Medication Adherence in Patients with Asthma*, Pediatrics for the Practitioners, Baltimore, MD, September 24, 2010
15. *Applying the PACE Program to Underserved Communities*, Oakland & San Francisco, CA, October 1, 2010
16. *Asthma in the Inner-City*, Johns Hopkins University CME Program on Respiratory Disease, Asthma and Allergy Center, Baltimore, MD, February 14, 2011
17. *Top 5 Reasons for Poorly Controlled Asthma*, Pediatric TRENDS, Johns Hopkins University, Baltimore, MD, April 15, 2011
18. *Medication Adherence: from “Bench” to Bedside*, Pediatric Academic Society Symposium, Denver, CO, May 3, 2011
19. *Pediatric Asthma*, Pediatric Nurses Conference, Santa Monica-UCLA Hospital, Santa Monica, CA, February 7, 2012
20. *Clinical Tools for Reducing Asthma Disparities*, Research-to-Practice Asthma Summit, UCSF, San Francisco, CA, December 5, 2012
21. *Top 5 Reasons for Uncontrolled Asthma in Children*, Miller Children’s Hospital, Long Beach Memorial Medical Center, Long Beach, CA, April 23, 2012
22. *Pediatric Airway Emergencies*, Orientation for 2<sup>nd</sup> Year Pediatrics Residents, UCLA, Los Angeles, CA, July 10, 2012
23. *The Pediatric Asthma Control and Communication Instrument: a clinical tool for practitioners to translate guidelines into practice*, Grand Rounds, Department of Pediatrics, UCLA, Los Angeles, CA, December 21, 2013

24. *The role of standardized assessment in the acute care of pediatric asthma* Regional Respiratory Care Conference, Torrance Memorial Medical Center, Torrance, CA, March 15, 2013
25. *Asthma Diagnosis and Management*, UCLA Pediatric Nurses, Level 1 Respiratory Class, April 11, 2013
26. *Updated on Pediatric Asthma Diagnosis, Assessment and Cultural Competency*, Long Beach Asthma Coalition, Long Beach, CA, April 24, 2013
27. *Development of a pediatric asthma questionnaire for use in the clinic, the ED and the hospital*. Vanderbilt Asthma Conference, Nashville, TN, May 13, 2013
28. *Poor medication adherence—and other Top 5 reasons for poor outcomes in children with asthma*. Vanderbilt Asthma Conference, Nashville, TN, May 13, 2013
29. *Interventions to Improve Health Care Providers' Adherence to Guidelines: AHRQ Report*, 15th Annual ACCP Community Asthma Coalition Symposium, Chicago, IL. October 27, 2013
30. *Practical Strategies in the Diagnosis and Treatment of Mild – Moderate Asthma for the General Pediatrician*. Grand Rounds, St. Johns Hospital, Santa Monica, CA, December 12, 2013
31. *Practical Strategies for Health Care Providers in the Diagnosis and Treatment of Pediatric Asthma*, Healthcare Partners, Mission Hills, CA, January 15, 2014
32. *Practical Elements of Asthma Management*, Pediatrics Noon Conference, Department of Pediatrics, UCLA, Los Angeles, CA, January 30, 2014
33. *Considerations of Asthma from the Patient Perspective*, Public Health and Ambulatory Basics and Beyond, UCLA Fielding School of Public Health, Los Angeles, CA, February 13, 2014
34. *Efficacy of Albuterol by Nebulizer versus MDI+VHC in Acute Asthma—what does the evidence show?* California Society for Respiratory Care Spring Symposium, Good Samaritan Hospital, Los Angeles, CA, February 20, 2014
35. *Pediatric Asthma Assessment & Management Considerations*, Grand Rounds, Department of Family Medicine, UCLA-Santa Monica Hospital, Santa Monica, California, February 26, 2014
36. *Asthma in the Pediatric Intensive Care Unit*, Mattel Children's Hospital, Ronald Regan Medical Center, Los Angeles, CA, March 18, 2014
37. *Office Asthma Care: Practical Elements of Asthma Management*, Pri-Med West Annual Conference, Anaheim, CA, March 29, 2014
38. *Update on Pediatric Asthma*, UCLA Level 1 Respiratory Class, Los Angeles, CA, April 23, 2014
39. *Asthma Update*, Asthma Coalition of Los Angeles County, Los Angeles, CA April 28, 2014
40. *Update on the Care of Hospitalized Pediatric Asthma Patients*, Pediatric Hospitalist Conference Mattel Children's Hospital, Ronald Regan Medical Center, Los Angeles, CA. April 30, 2014
41. *Asthma Webinar: Does my child have asthma and how should it be treated?* UCLA, Los Angeles, CA. September 3, 2014. [Does my Child Have Asthma and How Should it be Treated? - Sande Okelo, MD, PhD | UCLAMDChat - YouTube](#)
42. *The Biology of Chronic Disease*, The Department of Psychology, UCLA, Los Angeles, CA. June 5, 2014
43. *Home Visits as Means of Understanding the Patient Perspective and Social Determinants of Health* Public Health and Ambulatory Basics and Beyond: Environmental Health, Mattel Children's Hospital, UCLA Ronald Regan Medical Center, B-120, Los Angeles, CA January 20, 2015

44. *Update on Pediatric Asthma Diagnosis, Assessment and Cultural Competency*, Queenscare and L.A. Care, Los Angeles, CA February 4, 2015
45. *Asthma and Pediatric Pulmonology at Mattel Children's Hospital*, Mattel Children's Hospital Board of Directors, Ronald Regan Medical Center, Los Angeles, CA March 3, 2015
46. *Update on Pediatric Asthma*, UCLA Level 1 Respiratory Class, Los Angeles, CA, March 23, 2015
47. *ATS/NHLBI Workshop: Addressing Respiratory Health Equality in the United States: Trainee Perspective*, American Thoracic Society International Meeting, Denver, CO, May 16, 2015
48. *Best Asthma Practices*, Asthma Coalition of Kern County, Bakersfield, CA, May 27, 2015
49. *Titration Treatment Based on Asthma Control Assessment-The Case of LK*, Pediatric Resident Case Conference, UCLA, Los Angeles, CA November 19, 2015
50. *Asthma Update*, Pri-Med Conference, Anaheim, CA April 29, 2016
51. *Pediatric Asthma in Primary Care*, LA Care Children's Health Conference, Almansor Court, Alhambra, CA May 21, 2016
52. *Pediatric Asthma*, California Society for Respiratory Care, Palm Springs, CA Tue Jun 7, 2016
53. *Pediatric Asthma Update: Practical Strategies for the Clinician*. UCLA Pediatrics Grand Rounds. Los Angeles, CA. July 8, 2016. [Pediatric Asthma Treatment - Sande Okelo, MD | Pediatric Grand Rounds - YouTube](#)
54. *Pulmonology and Asthma*, UCLA Pediatric Board Review Course, Marriott Hotel at 4100 Admiralty Way Marina del Rey, CA September 10, 2016
55. *Differential Diagnosis of Acute-on-Chronic Cough in a Hospital Admission* Pediatric Resident Case Conference, RPMC, UCLA, Los Angeles, CA November 14, 2016
56. *Asthma Control Measurements as a Quality Metric* Community Physicians Network Administrative Meeting UCLA-Santa Monica Hospital, February 1, 2017
57. *Home Visits as a Means of Providing Asthma Care* Public Health and Ambulatory Basics and Beyond: Environmental Health, Beverly Hills Room, CHS 17-187, UCLA, Los Angeles, CA January 17, 2017
58. *Practical strategies in the diagnosis and management of pediatric asthma for the clinician*. Family Medicine Grand Rounds, UCLA-Santa Monica Hospital, Santa Monica, CA April 26, 2017
59. *Asthma Management Case-based Learning* Family Medicine Grand Rounds, UCLA-Santa Monica Hospital, Santa Monica, CA April 26, 2017
60. *Practical Strategies in the Assessment and Treatment of Asthma in Children*, The Doval Lectureship, UC Davis Health System Grand Rounds, Sacramento, CA June 9, 2017
61. *Best Practices of Acute Asthma Management*, Resident Noon Conference, Ronald Regan Medical Center, UCLA, Westwood, CA August 25, 2017
62. *Pediatric Pulmonology*, UCLA Pediatric Board Review Course, Westwood, CA. September 8, 2017
63. *Pediatric Asthma Diagnosis, Assessment & Cultural Competency*, LA Care Asthma, Glendale, CA Sept. 27, 2017
64. *Biology of Chronic Disease: Asthma* Department of Psychology, UCLA, Los Angeles, CA November 30, 2017

65. *Best Practices of Outpatient Asthma Management*, Resident Noon Case Conference, UCLA, Los Angeles, CA December 1, 2017.
66. *Using text messaging to assess and deliver asthma care to children discharged from the hospital*, Kaiser Permanente Department of Research and Evaluation, Pasadena, CA, January 10, 2018
67. *Best Practices of Acute Asthma Management* Resident Noon Case Conference, UCLA, Los Angeles, CA January 11, 2018.
68. *Home Visits as Means of Providing Asthma Care* Public Health and Ambulatory Basics and Beyond: Environmental Health, Beverly Hills Room, CHS 17-187, UCLA, Los Angeles, CA January 30, 2018.
69. *Pediatric Asthma Management Strategies* UCLA Family Medicine Faculty Meeting, March 18, 2018.
70. *Asthma Review* Level 1 Nurses Respiratory Course, UCLA, Los Angeles, March 20, 2018.
71. *Can an Algorithm Improve Chronic Asthma Care in the ED?* Pediatric Allergy-Immunology Conference, UCLA, Los Angeles, CA April 13, 2018
72. *Family Medicine Asthma Cases & Use of PACCI to Manage Asthma*, UCLA Dept. of Family Medicine Resident Conference, Santa Monica, CA August 29, 2018
73. *Can an Algorithm Improve Chronic Asthma Care in the ED?* Grand Rounds, Department of Pediatrics, Olive View-UCLA Medical Center, Sylmar, CA 91342, June 27, 2018
74. *Asthma Management and Case-based Learning*, Family Medicine Resident Conference, Department of Family Medicine, UCLA, Santa Monica, CA July 11, 2018
75. *Update in Pediatric Asthma*, UCLA Family Medicine Staff Meeting, July 20, 2018 Santa Monica, CA
76. *Pediatric Asthma Diagnosis, Assessment & Cultural Competency*, LA Care Health Plan, Glendale, CA, August 29, 2018
77. *Asthma or Bronchiolitis?* Pediatrics Resident Case Conference, UCLA, Los Angeles, CA. December 4, 2019
78. *Home Visits as Means of Providing Asthma Care* Public Health and Ambulatory Basics and Beyond: Environmental Health. CHS 17-256 Sunset Room, UCLA, Los Angeles, CA. January 31, 2020
79. *Update on Pediatric Asthma Management* Children's Health Conference hosted by L.A. Care Health Plan, Marriott Torrance Redondo Beach Hotel, Torrance, CA. February 23, 2019
80. *Pediatric Asthma Diagnosis, Assessment & Cultural Competency*, LA Care Health Plan. Glendale, CA. January 29, 2020
81. *Pediatric Asthma Diagnosis, Assessment & Treatment*. Pediatric Nurse Practitioner Program, UCLA School of Nursing, Factor Building, 4<sup>th</sup> floor, room 4-145. February 12, 2020
82. *Home Visits as Means of Providing Asthma Care* Public Health and Ambulatory Basics and Beyond: Environmental Health, Zoom Conference, UCLA, Los Angeles, CA December 17, 2020
83. *Pediatric Asthma Management Talk* - Pediatric Nurse Practitioner Course, UCLA, Los Angeles, CA. March 3, 2021

84. *Allyship in the fight against systemic racism: What can our colleagues in academia do to help?* American Thoracic Society Session D12, Addressing Systemic Racism In Academia And The Impact On Trainees And Junior Faculty. Wednesday May 19, 2021 3:30 PM - 5:00 PM (Eastern Time)
85. *Pediatric and Adult Asthma Diagnosis and Treatments*. LA Care, Los Angeles, CA. September 23, 2021.
86. *Update on Asthma Diagnosis and Treatment: the 2020 NIH Asthma Guidelines*. Cedars-Sinai Pediatric Grand Rounds, November 4, 2021.
87. *Pediatric Asthma and Bronchiolitis (RSV)*. 36th Annual EDAP (Emergency Department Approved for Pediatrics) Conference, Los Angeles, CA. November 19, 2021.
88. *Asthma Lecture Public Health and Ambulatory Basics and Beyond: Environmental Health*, Zoom Conference, UCLA, Los Angeles, CA January 13, 2022
89. *NIH Asthma Guideline Updates*. California Respiratory Care Society, June, 2022
90. *Asthma Management in the Primary Care Setting*. LA Care, Los Angeles, CA. August 25, 2022.
91. *Update on Asthma Diagnosis and Treatment: the 2020 NIH Asthma Guidelines*. CSRC Conference, Temecula, CA. June 8, 2022
92. *Update on Asthma Diagnosis and Treatment: the 2020 NIH Asthma Guidelines*. Rady's RT Week, San Diego, CA. October 25, 2022.
93. *Can Asthma Guidelines Offer a Path to Equitable Care?* Pediatric Grand Rounds, Yale School of Medicine. December 7, 2022.  
<https://yale.box.com/s/0rw2572782jlnjvfc39o3wnzqlihwpgd>
94. *Pediatric Asthma Diagnosis, Assessment & Treatment*. Pediatric Nurse Practitioner Program, UCLA School of Nursing, Factor Building, 4<sup>th</sup> floor, room 4-145. February 8, 2023
95. *Selecting and applying quantitative methods in equity research*, The American Thoracic Society postgraduate course "Towards Dismantling Structural Injustice in Pulmonary and Critical Care Medicine – A Primer on Health Equity Research." Saturday, May 20, 2023
96. *Racial Inequities in Asthma Care- History, Findings and Opportunities for Solutions*. Regional Asthma Management & Prevention (RAMP) Community Health Worker Meeting. July 19, 2023
97. *78th Brenneman Lecture: Update on Asthma Diagnosis and Treatment: the 2020 NIH Asthma Guidelines*. Los Angeles Pediatric Society. Disneyland Hotel Anaheim, CA. September 8 – 10, 2023
98. *78th Brenneman Lecture: Distinguishing Asthma from Bronchiolitis*. Los Angeles Pediatric Society. Disneyland Hotel Anaheim, CA. September 8 – 10, 2023
99. *78th Brenneman Lecture: Chronic Cough*. Los Angeles Pediatric Society. Disneyland Hotel Anaheim, CA. September 8 – 10, 2023
100. *Update on Asthma Diagnosis and Treatment: the 2020 NIH Asthma Guidelines*. Providence Medical Associates, Torrance, CA. March 13, 2024
101. *Selecting and applying quantitative methods in equity research*, The American Thoracic Society postgraduate course "Towards Dismantling Structural

- Injustice in Pulmonary and Critical Care Medicine – A Primer on Health Equity Research.” Saturday, May 17, 2024.
102. *Update on Asthma Management: the 2020 NIH Asthma Guidelines.* Private Medical Pediatric Group: webinar. January 21, 2025.
  103. *Asthma and Environmental Triggers.* Public Health and Ambulatory Basics and Beyond: Environmental Health, Geffen Hall 207, UCLA, 885 Tiverton Dr, Los Angeles, CA 90024. February 5, 2025
  104. *Asthma and managing the social and psychological components of asthma management.* ACEs-LA Network of Care: ACEs-LA Lunch and Learn Webinar. March 19, 2025

## GRAND ROUNDS PRESENTATIONS

1. *Titrating Asthma Therapy in Children.* Grand Rounds, St. Agnes Hospital, Baltimore, MD, November, 2006.
2. *Asthma Update: the 2007 NIH Asthma Guidelines* Pediatrics Grand Rounds, Johns Hopkins Bayview Medical Center, Baltimore, MD, October, 2007
3. *Disparities in Asthma Care: Causes and Potential Solutions* Pediatrics Grand Rounds, Johns Hopkins University, Baltimore, MD, March, 2008
4. *The Contribution of Physician Characteristics and Treatment Behaviors to the Quality of Asthma Care of Minority Patients* Grand Rounds, University of California San Francisco, June 11, 2008
5. *Utilizing Clinical Research Methodologies to Improve Asthma Outcomes in Children,* Grand Rounds Department of Otolaryngology Johns Hopkins University, March 2, 2009
6. *The Pediatric Asthma Control and Communication Instrument: a clinical tool for practitioners to translate guidelines into practice,* Grand Rounds, Department of Pediatrics, UCLA, Los Angeles, CA, December 21, 2013
7. *Practical Strategies in the Diagnosis and Treatment of Mild – Moderate Asthma for the General Pediatrician.* Grand Rounds, St. Johns Hospital, Santa Monica, CA, December 12, 2013
8. *Pediatric Asthma Assessment & Management Considerations,* Grand Rounds, Department of Family Medicine, UCLA-Santa Monica Hospital, Santa Monica, California, February 26, 2014
9. *Pediatric Asthma Update: Practical Strategies for the Clinician.* UCLA Pediatrics Grand Rounds. Los Angeles, CA. July 8, 2016. [Pediatric Asthma Treatment - Sande Okelo, MD | Pediatric Grand Rounds - YouTube](#)
10. *Practical strategies in the diagnosis and management of pediatric asthma for the clinician.* Family Medicine Grand Rounds, UCLA-Santa Monica Hospital, Santa Monica, CA April 26, 2017
11. *Asthma Management Case-based Learning* Family Medicine Grand Rounds, UCLA-Santa Monica Hospital, Santa Monica, CA April 26, 2017
12. *Practical Strategies in the Assessment and Treatment of Asthma in Children,* The Doval Lectureship, UC Davis Health System Grand Rounds, Sacramento, CA June 9, 2017
13. *Can an Algorithm Improve Chronic Asthma Care in the ED?* Grand Rounds, Department of Pediatrics, Olive View-UCLA Medical Center, Sylmar, CA 91342, June 27, 2018
14. *Update on Asthma Diagnosis and Treatment: the 2020 NIH Asthma Guidelines.* Cedars-Sinai Pediatric Grand Rounds, November 4, 2021

15. *Can Asthma Guidelines Offer a Path to Equitable Care?* Pediatric Grand Rounds, Yale School of Medicine. December 7, 2022.  
<https://yale.box.com/s/0rw2572782jlnjvfc39o3wnzq1ihwpgd>

### **Interviews/Appearances**

1. Canadian Television (CTV) July 7, 2008  
<http://watch.ctv.ca/news/health/lifetime-with-monica-matys/#clip65097>
2. WJZ Baltimore “Some Children May be Overmedicated for Asthma”, August 12, 2008. <http://wjz.com/health/asthma.2.793656.html>
3. The Joe Madison Show, Sirius XM 128, “Do asthma morbidity disparities exist between black and white children referred to asthma specialist care?”, June 9, 2011
4. Mom’s Clean Air Force.org, June 27, 2011  
<http://www.momscleanairforce.org/2011/06/30/air-pollution-is-making-us-sick/>  
<http://www.blogtalkradio.com/momscleanairforce/2011/06/27/asthma-among-african-american-kids-what-moms-can-do>
5. UCLA Health – Vital Signs (Summer 2014). June 1, 2014. Quoted expert on budesonide for Asthma care feature in magazine article.  
<https://www.uclahealth.org/sites/default/files/documents/VitalSignsSummer2014.pdf>
6. KGET (NBC) 5/27/2015 11:08:17 PM. Keynote speaker for symposium on raising asthma awareness.  
<http://mediacenter.tveyes.com/downloadgateway.aspx?UserID=298090&MDID=4891140&MDSeed=2305&Type=Media> May 27, 2015 11:08:17 PM
7. KBAK (CBS)  
<http://mediacenter.tveyes.com/downloadgateway.aspx?UserID=298090&MDID=4891134&MDSeed=3831&Type=Media> May 27, 2015 11:15:09 PM
8. KNX-AM (Radio)  
<http://mediacenter.tveyes.com/downloadgateway.aspx?UserID=298090&MDID=4929823&MDSeed=8326&Type=Media> June 10, 2015 2:30:45 PM
9. UCLA Health – Vital Signs (Winter 2016). *Is It Possible to Be Too Clean? (hygiene hypothesis)*. Quoted expert. Jan., 2016.  
[https://www.uclahealth.org/Workfiles/vitalsigns/VitalSigns\\_W16.pdf](https://www.uclahealth.org/Workfiles/vitalsigns/VitalSigns_W16.pdf)
10. UCLA Health News & Insights. *Answers for Asthma*. Featured expert.  
<https://www.uclahealth.org/news/article/answers-for-asthma>

Breathe Easy Podcast: Addressing Systemic Racism in Academic Medicine, Episode 2: Developing a research career that confronts health disparities. January 26, 2021. <https://www.thoracic.org/about/ats-podcasts/addressing-systemic-racism-in-academic-medicine-episode-2-developing-a-research-career-that-confronts-health-disparities.php>

11. KCRW Panelist. *Wildfire health questions: Air quality, clean up risks and more.* Jan. 16, 2025  
<https://www.kcrw.com/shows/kcrw-features/stories/wildfire-health-panel>.
12. Wall Street Journal. *Smoke and Fire Are Sickening L.A.'s Children.* Quoted expert. January 17, 2025.  
<https://www.wsj.com/us-news/smoke-and-fire-are-sickening-l-a-s-children-fe3827b0>
13. The New York Times. *There Is No Way to Retreat From the Risk of Wildfires.* Quoted expert. January 21, 2025.  
<https://newsroom.ucla.edu/in-the-news/ucla-in-the-news-january-21-2025>

## PUBLICATION/BIBLIOGRAPHY

### RESEARCH PAPERS

#### RESEARCH PAPERS (PEER REVIEWED)

##### A. RESEARCH PAPERS-PEER REVIEWED

1. *Race and the decision to refer for coronary revascularization: the effect of physician awareness of patient ethnicity.* **Okelo S**, Taylor AL, Wright JT Jr, Gordon N, Mohan G, Lesnefsky E. *J Am Coll Cardiol.* 2001 Sep;38(3):698-704
2. *Emotional Quality of Life and Asthma Outcomes in Adolescents with Asthma* **Okelo SO**, Wu AW, Krishnan JA, Rand CS, Skinner EA, Diette GB. *J Peds* 2004 Oct;145(4):523-9
3. *Influence of Caregiver's Health Beliefs and Experiences on their Use of Environmental Control Practices in Homes of Pre-School Children with Asthma* NN Hansel, CS Rand, JA Krishnan, **S Okelo**, PN Breysse, PA Eggleston, Elizabeth Matsui, J Curtin-Brosnan, GB Diette *Ped Asthma, Allergy Imm* September, 2006
4. *Are Physician Estimates of Asthma Severity Less Accurate in Black than in White Patients?* **Okelo SO**, Wu AW, Krishnan JA, Diette GB *Journal of General Internal Medicine J Gen Intern Med.* 2007 Jul;22(7):976-81.
5. *Patient Factors that Physicians Use to Assign Asthma Treatment* G Diette, C Patino, B Merriman, L Paulin, K Riekert, **S Okelo**, K Thompson, J Krishnan, R Quartey, Deanna Perez-Williams, C Rand. *Annals of Internal Medicine* Jul 9, 2007;167(13):1360-6.
6. *Use of Asthma Specialist Care in High-Risk Inner-City Black Children* **Okelo SO**, Eggleston PA, Hansel NN, Krishnan JA, Patino CM, Rand CS, Diette GB *Pediatric Asthma, Allergy & Immunology.* December, 2007, 20(4): 255-262
7. *Patient Factors that Pediatricians Use to Assign Asthma Treatment* **SO Okelo**, A Bilderback, GB Diette, B Merriman, CM Patino, RI Quartey, CS Rand, KA Riekert, K Thompson, J Thompson. *Pediatrics.* 2008 Jul;122(1):e195-201
8. *The Asthma Control and Communication Instrument: a clinical tool developed for ethnically diverse populations.* CM Patino, **SO Okelo**, CS Rand, KA Riekert, JA Krishnan, K Thompson, RI Quartey, D Perez-Williams, A Bilderback, B Merriman, L Paulin, NN Hansel, GB Diette. *Journal of Allergy and Clinical Immunology* 2008;122: 936-43
9. *Does higher body mass index contribute to worse asthma control in an urban population?* Clerisme-Beaty EM, Karam S, Rand CS, Patino CM, Bilderback A, Riekert KA, **Okelo SO**, Diette GB. *J Allergy Clin Immunol.* 2009 Aug;124(2):207-12
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**C. RESEARCH PAPERS-PEER REVIEWED (SUBMITTED):** None.

**RESEARCH PAPERS (NON-PEER REVIEWED):** None.

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**BOOK CHAPTERS:**

- { 1. Section Editor, *Disorders of the Respiratory System*, Rudolph's Pediatrics, 24th Edition, edited by Mark W. Kline et al., McGraw Hill, 2025

**LETTERS TO THE EDITOR:** None.

**REVIEWS:**

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1. *Caregiver Preference on Initiating Telemedicine Asthma Specialist Follow-up Care During a Pediatric Emergency Department (ED) Encounter.* Hall JE, Delgado-Martinez R, Ravandi B, Chang TP, Ramires-Sanchez E, **Okelo SO.**
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