

NATIONAL JEWISH
HEALTH

Curriculum Vitae

James Tod Olin, MD

ACADEMIC HISTORY

COLLEGES AND UNIVERSITIES ATTENDED

1998	Undergraduate Rice University, Houston, Texas BA Biology
2005	Medical University of Texas Medical School at San Antonio Doctor of Medicine Degree GPA 4.0, Class Rank 1/200
2005-2006	Internship in Pediatrics The Children's Hospital, University of Colorado
2006-2008	Residency in Pediatrics The Children's Hospital, University of Colorado
2008-2011	Fellowship in Pediatric Pulmonary Medicine The Children's Hospital, University of Colorado
2011	Clinical Research Training Masters in Clinical Sciences- Clinical Investigation Track University of Colorado Denver Mentoring team: Frank Accurso, MD, Phil Zeitler, MD, Rob Roach, PhD

BOARD CERTIFICATION

2008 – present	Colorado State License #46315
2008 – present	American Board of Pediatrics (General Pediatrics)
2012 – present	American Board of Pediatrics (Pediatric Pulmonology)

PROFESSIONAL POSITIONS (INCLUDE INTERNSHIPS, RESIDENCIES, FELLOWSHIPS)

2011 – present	Assistant Professor, Department of Pediatrics, Division of Pediatric Pulmonology, National Jewish Health, University of Colorado School of Medicine
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ACADEMIC HONORS

2015	Outstanding Junior Faculty Award for Clinical Pediatrics, National Jewish Health
2012	Nominated as finalist for Outstanding Pediatric Junior Faculty Award 2012, National Jewish Health
2011-12	Outstanding Teacher of the Year Award, National Jewish Health

2010	Outstanding Student in Clinical Sciences Masters Program
2009	Outstanding First Year Fellow Poster in 2009 Pediatrics Spring Poster Session
2005	Qualified Bilingual Staff Interpreter in Spanish at The Children's Hospital Denver Alpha Omega Alpha
2003	Kline Award- awarded to the top student in the 2nd year pathology course at UTHSCSA medical school

RESEARCH GRANTS AND CONTRACTS

PAST FUNDING

2008-2010	Cystic Fibrosis Foundation 1 st and 2 nd year fellow's grant (OLIN08B0). Senior sponsor: Frank Accurso, MD
2010-2011	National Institutes of Health T32 Training Grant. Senior sponsor: Steven Abman, MD

BIBLIOGRAPHY

PUBLICATIONS

1. **Olin JT**, Burns K, Carson JL, Metjian H, Atkinson JJ, Davis SD, Dell SD, Ferkol TW, Milla CE, Olivier KN, Rosenfeld M, Baker B, Leigh MW, Knowles MR, Sagel SD. Diagnostic yield of nasal scrape biopsies in primary ciliary dyskinesia: A multicenter experience. *Pediatric Pulmonology* 2011; 46 (5): 483-488. PMID: 21284095
2. **Olin JT**, Dimmen AC, Subudhi AW, Roach RC. Cerebral blood flow and cerebral oxygenation at maximal exercise: The effect of clamping carbon dioxide. *Respiratory Physiology & Neurobiology* 2011; 175: 176–180. PMID: 20884383
3. **Olin JT**, Abman SH, Grady RM, Ivy DD, Lovell MA, Balasubramaniam V. A 7 year old female with pulmonary hypertension. *BMJ Case Reports* 2011; April 20, 2011: 3843. PMID 21897452
4. Subudhi AW, **Olin JT**, Dimmen AC, Polaner DM, Kayser B, Roach RC. Does cerebral oxygen delivery limit incremental exercise performance? *Journal of Applied Physiology* 2011; 111(6): 1727-1734. PMID 21921244
5. Bunik M, Federico MJ, MD1, Beaty B, Rannie M, **Olin JT**, Kempe A. Quality Improvement for asthma care within a hospital-based teaching clinic. *Academic Pediatrics* 2011; 11(1): 58-65. PMID: 21272825
6. **Olin JT**, Dimmen AC, Subudhi AW, Roach RC. A simple method to clamp end-tidal carbon dioxide during rest and exercise. *Eur J Appl Physiol.* 2012 Sep; 112(9): 3439-44. PMID: 22736248
7. **Olin JT**, Clary MS, Connors D, Abbott J, Brugman S, Deng Y, Chen X, Courey M. Glottic configuration in patients with exercise-induced stridor: A new paradigm. *The Laryngoscope.* 2014; 124(11): 2568-73. PMID: 24984601
8. Ashish N, Bamman MM, Cerny FJ, Cooper DM, D'Hemecourt P, Eisenmann JC, Ericson D, Fahey J, Falk B, Gabriel D, Kahn MG, Kemper HC, Leu SY, Liem RI, McMurray R, Nixon PA, **Olin JT**, Pianosi PT, Purucker M, Radom-Aizik S, Taylor A. The Clinical Translation Gap in Child Health Exercise Research: A Call for Disruptive Innovation. *Clin Transl Sci.* 2015 Feb;8(1)67-76. PMID: 25109386
9. **Olin JT**, Wechsler ME. The pathogenesis of asthma and novel drugs for treatment. *BMJ* 2014; 349: g5517.
10. **Olin JT**, Clary MS, Deardorff EH, Johnston K, Morris MJ, Sokoya M, Staudenmayer H, Christopher KL. Inducible laryngeal obstruction during exercise: moving beyond vocal cords with new insights. *Phys Sportsmed* 2015 Feb;43(1):13-21. PMID: 25644598
11. Bacharier LB, Guilbert TW, Mauger DT, Boehmer S, Beigelman A, Fitzpatrick AM, Jackson DJ, Baxi SN, Benson M, Burnham CA, Cabana M, Castro M, Chmiel JF, Covar R, Daines M, Gaffin JM, Gentile DA, Holguin F, Israel E, Kelly HW, Lazarus SC, Lemanske RF Jr, Ly N, Meade K, Morgan W, Moy J, **Olin T**, Peters SP, Phipatanakul W, Pongratic JA, Raissy HH, Ross K, Sheehan WJ, Sorkness C, Szeffler SJ, Teague WG, Thyne S, Martinez FD, National Heart, Lung and Blood Institute's AsthmaNet. *JAMA.* 2015 Nov 17;314(19):2034-44. doi:10.1001/jama.2015.13896. PMID: 26575060

12. Sheehan WJ, Mauger DT, Paul IM, Moy JN, Boehmer SJ, Szeffler SJ, Fitzpatrick AM, Jackson DJ, Bacharier LB, Cabana MD, Covar R, Holguin F, Lemanske RF Jr, Martinez FD, Pongracic JA, Beigelman A, Baxi SN, Benson M, Blake K, Chmiel JF, Daines CL, Daines MO, Gaffin JM, Gentile DA, Gower WA, Israel E, Kumar HV, Lang JE, Lazarus SC, Lima JJ, Ly N, Marbin J, Morgan WJ, Myers RE, **Olin JT**, Peters SP, Raissy HH, Robison RG, Ross K, Sorkness CA, Thyne SM, Wechsler ME, and Phipatanakul W for the NIH/NHLBI AsthmaNet*. Acetaminophen versus Ibuprofen in Young Children with Mild Persistent Asthma. *N Engl J Med*. 2016 Aug 18;375(7):619-630. PMID: 27532828
13. **Olin JT**, Clary MS, Fan EM, Johnston KL, State CM, Strand M, Christopher KL. Continuous laryngoscopy quantitates laryngeal behavior in exercise and recovery. *Eur Respir J*. 2016 Oct;48(4):1192-1200. doi: 10.1183/13993003.00160-2016. PMID: 27418554
14. **Olin JT**, Deardorff EH, Fan EM, Johnston KL, Keever VL, Moore CM, Bender BG. Therapeutic Laryngoscopy During Exercise: A Novel Non-Surgical Therapy for Refractory EILO. *Pediatr Pulmonol*. 2016 Oct 31. doi: 10.1002/ppul.23634. PMID: 27797458
15. Hargrove AE, Hargrove MB, **Olin JT**. Therapeutic Laryngoscopy during Exercise for Treatment of Refractory Exercise-induced Laryngeal Obstruction: A Personal Experience. *Ann Am Thorac Soc*. 2016 Dec 28. doi:10.1513/AnnalsATS.201612-948OR. PMID: 28029805
16. Fitzpatrick AM, Jackson DJ, Mauger DT, Boehmer SJ, Phipatanakul W, Sheehan WJ, Moy JN, Paul IM, Bacharier LB, Cabana MD, Covar R, Holguin F, Lemanske RF Jr, Martinez FD, Pongracic JA, Beigelman A, Baxi SN, Benson M, Blake K, Chmiel JF, Daines CL, Daines MO, Gaffin JM, Gentile DA, Gower WA, Israel E, Kumar HV, Lang JE, Lazarus SC, Lima JJ, Ly N, Marbin J, Morgan W, Myers RE, **Olin JT**, Peters SP, Raissy HH, Robison RG, Ross K, Sorkness CA, Thyne SM, Szeffler SJ; National Institutes of Health/National Heart, Lung, and Blood Institute AsthmaNet. Individualized therapy for persistent asthma in young children. *J Allergy Clin Immunol*. 2016 Dec;138(6):1608-1618.e12. doi: 10.1016/j.jaci.2016.09.028. PMID: 27777180

POSTERS

Olin JT, Leigh M, Knowles MR, Carson J, Metjian H, Burns K, Sagel SD. Diagnostic yield of nasal scrape biopsies in primary ciliary dyskinesia- presented at the American Thoracic Society 2009 meeting.

Olin JT, Balasubramaniam V. An Unusual Cause of Pulmonary Hypertension. presented at the American Thoracic Society 2009 meeting.

Olin JT, Dimmen AC, Subudhi AW, Roach RC. Cerebral Oxygenation and Blood Flow Velocity at Maximal Exercise: The Effect of Clamping Carbon Dioxide- presented at the American College of Sports Medicine 2010 meeting.

Olin JT, Subudhi AW, Dimmen AC, Roach RC. A Simple Method to Clamp Carbon Dioxide During Exercise- presented at the American College of Sports Medicine 2011 meeting.

Olin JT, Subudhi AW, Dimmen AC, Kayser B, Roach RC. Ventilatory Responses to Elevated Carbon Dioxide During Maximal Exercise in Normobaric and Hypobaric Conditions - presented at the American Thoracic Society 2011 meeting.

Subudhi AW, **Olin JT**, Dimmen AC, Polaner DM, Kayser B, Roach RC. Effect of Hypercapnic Cerebral Vasodilation on Maximal Aerobic Power - presented at the American College of Sports Medicine 2011 meeting.

Olin JT, Clary M, Faino A. Clinical Significance of Observed Upper Airway Obstruction with Continuous Laryngoscopy During Exercise. Am J Respir Crit Care Med 191;2015:A2121.

ABSTRACTS

Olin JT, Leigh M, Knowles MR, Carson J, Metjian H, Burns K, Sagel SD. Diagnostic yield of nasal scrape biopsies in primary ciliary dyskinesia- presented at the American Thoracic Society 2009 meeting.

Olin JT, Balasubramaniam V. An Unusual Cause of Pulmonary Hypertension. presented at the American Thoracic Society 2009 meeting.

Olin JT, Dimmen AC, Subudhi AW, Roach RC. Cerebral Oxygenation and Blood Flow Velocity at Maximal Exercise: The Effect of Clamping Carbon Dioxide- presented at the American College of Sports Medicine 2010 meeting

Olin JT, Subudhi AW, Dimmen AC, Roach RC. A Simple Method to Clamp Carbon Dioxide During Exercise- accepted at the American College of Sports Medicine 2011 meeting

Olin JT, Subudhi AW, Dimmen AC, Kayser B, Roach RC. Ventilatory Responses to Elevated Carbon Dioxide During Maximal Exercise in Normobaric and Hypobaric Conditions - accepted at the American Thoracic Society 2011 meeting

Subudhi AW, **Olin JT**, Dimmen AC, Polaner DM, Kayser B, Roach RC. Effect of Hypercapnic Cerebral Vasodilation on Maximal Aerobic Power - accepted at the American College of Sports Medicine 2011 meeting

PRESENTATIONS

Extramural presentations:

Colorado Thoracic Society. An Unusual Cause of Pulmonary Hypertension. June 3, 2009.

Presentation for the Rock Mountain Chapter of the American College of Sports Medicine. The Children's Hospital Denver Cerebral oxygenation and blood flow velocity at maximal exercise: the effect of clamping carbon dioxide. February 27, 2010.

University of California Irvine Clinical Translational Science Institute. Cerebral oxygenation and blood flow velocity at maximal exercise: the effect of clamping carbon dioxide. February 18, 2011.

American Laryngology Association. Glottic configuration in patients with exercise-induced stridor: a new paradigm. May 15, 2014.

Western medical research meeting. Therapeutic laryngoscopy during exercise: a novel, nonsurgical therapy for refractory exercise-induced laryngeal obstruction. June 28, 2017.

Intramural presentations:

Case Conference for Pulmonary Division, The Children's Hospital Denver. An Unusual Cause of Pulmonary Hypertension. December 3, 2008.

Case Conference for Pulmonary Division, The Children's Hospital Denver. Bronchiolitis Obliterans. March 4, 2009.

Cotton Club-Pulmonary Division, The Children's Hospital Denver. An Unusual Cause of Pulmonary Hypertension. April 4, 2009.

Research in Progress for Pulmonary Division, The Children's Hospital Denver. Medical Treatment for High Altitude Pulmonary Edema. June 17, 2009.

Case Conference for Pulmonary Division, The Children's Hospital Denver. Pancreatic Insufficiency and Bronchiectasis. July 1, 2009.

Case Conference for Pulmonary Division, The Children's Hospital Denver. Pulmonary Manifestations in Aspergillus-related Diseases. November 25, 2009.

Research in Progress-Pulmonary Division, The Children's Hospital Denver. Cerebral oxygenation and blood flow velocity at maximal exercise: the effect of clamping carbon dioxide. January 20, 2010.

Cotton Club-Pulmonary Division, The Children's Hospital Denver Cerebral oxygenation and blood flow velocity at maximal exercise: the effect of clamping carbon dioxide. February 25, 2010.

Morbidity and Mortality Conference for The Pulmonary Division, The Children's Hospital Denver. September 22, 2010.

Master's of Science in Clinical Sciences Defense, University of Colorado: A Novel Method for Clamping End-tidal Carbon Dioxide During Rest and Exercise, The Children's Hospital. April 19, 2011.

Case Conference for Pulmonary Division, The Children's Hospital Denver. Histiocytic Disorders of the Lung. May 10, 2011.

Cotton Club-Pulmonary Division, The Children's Hospital Denver. Cerebral Oxygenation and Exercise Performance at High Altitude. April 8, 2011.

Quality Improvement/Patient Safety projects or presentations

Bunik M, Federico MJ, MD1, Beaty B, Rannie M, **Olin JT**, Kempe A. Quality Improvement for asthma care within a hospital-based teaching clinic (Academic Pediatrics 2011; 11(1) 58-65).

Morbidity and Mortality Conference for The Pulmonary Division, The Children's Hospital Denver. September 22, 2010.