

Christopher J. Nemastil, BS, BA

Curriculum Vitae

Current as of July 9, 2018

Contact Information

Section of Pulmonary Medicine
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Nationwide Children's Hospital
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Columbus, OH 43205
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Professional Experience

Research

07/2017 - Present Research Data Analyst - RI Pediatric Pulmonary Medicine
Nationwide Children's Hospital - Columbus, OH

05/2017 - 07/2017 Research Associate - RI Pediatric Pulmonary Medicine
Nationwide Children's Hospital - Columbus, OH

02/2016 - 05/2017 Research Assistant - RI Pediatric Pulmonary Medicine
Nationwide Children's Hospital - Columbus, OH

12/2015 - 02/2016 Volunteer Research Assistant - Gastroenterology
Nationwide Children's Hospital - Columbus, OH

Other

11/2013 - 08/2014 Marketing & Sales Director
Weber Company, Inc. - Chesterland, OH

06/2012 - 11/2013 District Manager
ALDI, Inc. - Hinckley, OH

Education

Undergraduate education

08/2014 - 05/2017	Columbus State Community College - Columbus, OH	
	Completed Coursework:	<u>Credits</u>
	Biological Sciences I & II	4, 4
	General Chemistry I & II	5, 5
	Human Anatomy, Physiology, & Pathophysiology	4, 4, 3
	Intro to Microbiology	4
	Organic Chemistry Lecture & Lab I & II	5, 3, 5, 3
	General Biochemistry	4
08/2007 - 05/2012	Bachelors of Science (BS) , Management and Organizations Minor in International Business Miami University - Oxford, OH May 5, 2012	

- 08/2007 - 05/2012 **Bachelors of Arts (BA)**, International Studies with Dual Concentration
 i. International Development
 ii. Russian, Eastern Europe, and Central Asia Studies
 Miami University - Oxford, OH
 May 5, 2012
- 08/2007 - 05/2012 **Bachelors of Arts (BA)**, Russian Language, History, and Culture
 Miami University - Oxford, OH
 May 5, 2012
- 08/2010 - 06/2011 Study Abroad
 Student Ambassador, Explore Asia Program
 Korea University - Seoul, South Korea

Honors and Awards

06/2016 *Volunteer of the Month* Nationwide Children's Hospital - Columbus, OH

Speaking Engagements

1. VISUAL INTERPRETATION OF IMPORTANT TDN METRICS AND SETTING SITE GOALS FOR IMPROVEMENT. Workshop presentation: The 32st Annual North American Cystic Fibrosis Conference; October 18, 2018; Denver, CO.

Publications

Peer-Reviewed Journals

1. Krivchenia K, Tumin D, **Nemastil CJ**, Tobias JD, Hayes D Jr.. Timing of Spirometry May Impact Hospital Length of Stay for Cystic Fibrosis Pulmonary Exacerbation. *Lung*. 2018 Jan 18. doi: 10.1007/s00408-018-0082-1. [Epub ahead of print] PubMed PMID: 29349537.
2. Woodley FW, Moore-Clingenpeel M, Machado RS, **Nemastil CJ**, Jadcherla SR, Hayes D Jr, Kopp BT, Kaul A, Di Lorenzo C, Mousa H. Not All Children with Cystic Fibrosis Have Abnormal Esophageal Neutralization during Chemical Clearance of Acid Reflux. *Pediatr Gastroenterol Hepatol Nutr*. 2017 Sep;20(3):153-159. doi: 10.5223/pghn.2017.20.3.153. Epub 2017 Sep 26.

Abstracts

1. M.A. Azevedo, **C. Nemastil**, S.E. Kirkby. Identification of Aspergillus in Patients with Cystic Fibrosis. *American Journal of Respiratory and Critical Care Medicine* 2018;197:A6264.
2. **Nemastil CJ**, Humston L, Novak KJ, Dell ML. QTC INTERVALS IN CF PATIENTS RECEIVING SELECTIVE SEROTONIN REUPTAKE INHIBITORS. Poster presented at: The 31st Annual North American Cystic Fibrosis Conference; November 2-4, 2017; Indianapolis, IN.
3. Woodley FW, Hayes D Jr, Kopp BT, **Nemastil CJ**, He Z, Di Lorenzo C, Jadcherla S. EXHALED BREATH CONDENSATE IS NOT LIKELY A VIABLE SUBSTITUTE FOR BRONCHOALVEOLAR LAVAGE. Poster presented at: The 31st Annual North American Cystic Fibrosis Conference; November 2-4, 2017; Indianapolis, IN.
4. Paul GR, Novak KJ, **Nemastil CJ**, Brady MT, Stack-Simone SE, Leber AL, Antonara S. IDENTIFICATION OF MYCOBACTERIUM PORCINUM IN PATIENTS WITH CYSTIC FIBROSIS: PATHOGEN OR CONTAMINANT? Poster presented at: The 31st Annual North American Cystic Fibrosis Conference; November 2-4, 2017; Indianapolis, IN.
5. Hunt AL, Divoky E, Duke L, **Nemastil CJ**. UTILIZING A REGULATORY COORDINATOR TO IMPROVE SITE CLINICAL TRIAL PARTICIPATION. Poster presented at: The 31st Annual North American Cystic Fibrosis Conference; November 2-4, 2017; Indianapolis, IN.

6. Minor M, **Nemastil CJ**, Gemma S, Rice A, Shaikhkhalil A. DIGESTIVE ENZYME CARTRIDGE (RELIZORBTM) DURING CONTINUOUS ENTERAL FEEDS AMONG INDIVIDUALS WITH CYSTIC FIBROSIS. Poster presented at: The 31st Annual North American Cystic Fibrosis Conference; November 2-4, 2017; Indianapolis, IN.
7. Hayes D Jr, Tumin D, Aggarwal R, Lallier S, Hill C, Kopp BT, **Nemastil CJ**, Reynolds SD. Cell Therapy for Cystic Fibrosis: Is there an optimal source of basal progenitor cells? 2017 American Thoracic Society International Conference.
8. Li SS, Tumin D, **Nemastil C**, Krivchenia K, Hayes D. The Ohio Medicaid Expansion Was Not Associated with Increase Health Insurance Coverage or Adherence to Routine Care in Adults with Cystic Fibrosis. 2017 American Thoracic Society International Conference.
9. Dell ML, Smith W, **Nemastil CJ** (2016). 6.24 DEXMEDETOMIDINE USE BY PEDIATRIC CONSULTATION SERVICE FOR SEVERE ANXIETY, AGITATION, AND DELIRIUM. [Abstract]. *Journal of the American Academy of Child & Adolescent Psychiatry*, 55, S211-S212. doi: 10.1016/j.jaac.2016.09.344
10. Woodley FW, Machado RS, Kaul A, **Nemastil CJ**, Jadcherla SR, Williams KC, Di Lorenzo C, Mousa H. Prolonged Chemical Clearance in Children with Cystic Fibrosis Compared to Symptomatic Age-Matched Non-CF Children is not pH-Dependent. *JPGN- Volume 63, Supplement 2, S381, October 2016.*

Active IRB Studies

Approved

1. IRB18-00198: Pediatric Asthma Clinical Care database [PI: Sheikh]
2. IRB17-01105: Brain N-acetylaspartate and Depression in Patients with Cystic Fibrosis [PI: Hayes]
3. IRB17-01085: Chronic opioid use and clinical outcomes in lung transplant recipients [PI: Hayes]
4. IRB17-01009: Stem/Progenitor Cell failure in Genetic and Congenital Lung Disease [PI: Hayes]
5. IRB17-00798: A retrospective study of cannabis use in patients with cystic fibrosis (CF) [PI: Kirkby]
6. IRB17-00793: Prospective, Randomized, Placebo Controlled Trial of the Efficacy and Safety of Inhaled Nitric Oxide (NO) in Cystic Fibrosis (CF) Patients [PI: McCoy]
7. IRB17-00783: Prospective Study of Mycobacterium porcinum in Hospitalized CF Patients [PI: Paul]
8. IRB17-00570: A Retrospective Multicenter Study to Determine Clinical Outcomes in Subjects Previously Enrolled in the CTOTC-03 Study (CTOTC-14) [PI: Hayes]
9. IRB17-00486: Cystic Fibrosis Patients Test Positive for Mycobacterium porcinum [PI: Paul]
10. IRB17-00411: Urine Sodium Results in Patients with Cystic Fibrosis [PI: Holtzlander]
11. IRB17-00371: Practitioner Due Diligence: Real-World Orkambi use [PI: McCoy]
12. IRB17-00226: Impact of Regular Physical Activity, Participation in Organized Sports, and Nutritional Status on Lung Function in Adolescents with Cystic Fibrosis [PI: Sakellaris]
13. IRB17-00124: Evaluation of clinical utility of fungal polymerase chain reaction and galactomannan enzyme immunoassay tests in the detection of Aspergillus fumigatus in bronchoalveolar lavage fluid [PI: Kirkby]
14. IRB17-00117: Efficacy of the enzyme cartridge (RELIZORB TM) during continuous enteral feeds for patients with Cystic Fibrosis [PI: Minor]
15. IRB16-01252: Diabetes and Its Effect on Mental Health in the Cystic Fibrosis Population [PI: Hjelm]
16. IRB16-00919: Sleep Disordered Breathing and Cardiovascular Manifestations in Children with Sickle Cell Disease [PI: Pinto]
17. IRB16-00808: A retrospective review of respiratory cultures collected from cystic fibrosis patients treated with Orkambi (lumacaftor-ivacaftor) [PI: Kopp]
18. IRB16-00730: Nationwide Children's Hospital Cystic Fibrosis Biorepository (CFB) [PI: McCoy]
19. IRB16-00447: Normal/Reference values for the swallow-induced peristaltic wave (PSPW) index and baseline impedance [PI: Woodley]
20. IRB16-00386: Impact of pulmonary exacerbation on body weight in adult CF patients [PI: Heintz]
21. IRB16-00357: Substance Use and/or Abuse in Cystic Fibrosis Patients [PI: Dell]
22. IRB16-00355: Dexmedetomidine in Patients Referred for Psychiatric Consultation [PI: Dell]
23. IRB16-00296: Perfluorocarbons as a mucolytic for cystic fibrosis sputum [PI: Hayes]
24. IRB15-01099: Utility of spirometry in the assessment of an acute cystic fibrosis exacerbation [PI: Hayes]
25. IRB15-01060: Examination of the monoclonal antibody effect on bacterial biofilms in the sputum of patients with Cystic Fibrosis [PI: Minor]

26. IRB15-00832: Progenitor/Stem Cells and the Lung Microbiome in Lung Transplantation [PI: Hayes]
27. IRB15-00800: Progenitor/Stem Cells and the Lung Microbiome in Cystic Fibrosis [PI: Hayes]
28. IRB15-00797: Comparative analysis of CO2 monitoring methods in patients with CF undergoing general anesthesia [PI: May]
29. IRB15-00702: QTc Intervals in Cystic Fibrosis Patients Receiving Selective Serotonin Reuptake Inhibitors [PI: Dell]
30. IRB14-00890: A metabolomics approach to the study of pulmonary exacerbation in cystic fibrosis patients [PI: Hayes]
31. IRB14-00296: Review of sleep in adults with cystic fibrosis [PI: May]
32. IRB14-00217: Evaluation of pulmonary rehabilitation outcomes and exacerbation admission rates for patients with a diagnosis cystic fibrosis [PI: Patel]
33. IRB13-00492: Use of exhaled breath condensates to assess the composition of airway lining fluids of cystic fibrosis patients [PI: Woodley]
34. IRB10-00523: Evaluation of clinical utility of bronchoalveolar lavage performed during sinus surgery in patients with cystic fibrosis [PI: Kirkby]
35. IRB08-00247: Assessing the impact of aging on gastroesophageal reflux (and swallowing) in patients with cystic fibrosis [PI: Woodley]
36. IRB08-00195: Assessing gastroesophageal reflux in children with cystic fibrosis using combined esophageal pH monitoring and multichannel intraluminal impedance monitoring [PI: Woodley]

Pre Submission

37. IRB18-00594: Palliative Care in the Pediatric Pulmonary Population [PI: Gushue]
38. IRB18-00433: Cystic Fibrosis Pain in patients age 20 years and older [PI: Heintz]
39. IRB17-01362: Nebulized tobramycin for tracheobronchitis prophylaxis [PI: Krivchenia]
40. IRB17-01267: CF Live Cell Core [PI: Peeples]
41. IRB17-01236: Evaluation of educational issues in transitional pulmonary care [PI: Kirkby]
42. IRB17-00715: Kalydeco and Psychosocial Variables Research Project [PI: Dell]

Active QI Projects

Division of Pediatric Pulmonary Medicine

1. CF Depression and Anxiety Screening - CF [PI: Hjelm]
2. Hemoglobin A1C QIE - CF [PI: Patel]
3. CF Immunization Records [PI: Middleton]

Professional Memberships

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| 06/2016 - Present | American Association for the Advancement of Science |
| 07/2016 - Present | American Society for Microbiology |