

# Christopher J. Nemastil, BA, BS

## Curriculum Vitae

Current as of February 22, 2020

### Contact Information

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### Professional Experience

<b>12/2015 – Present</b>	<b>Nationwide Children’s Hospital</b>	Columbus, OH
11/2017 – Present	Program Manager, Cure CF Columbus Translational Core	
07/2017 – Present	Research Data Analyst, RI Pediatric Pulmonary Medicine	
05/2017 – 07/2017	Research Associate, RI Pediatric Pulmonary Medicine	
02/2016 – 05/2017	Research Assistant, RI Pediatric Pulmonary Medicine	
12/2015 – 02/2016	Volunteer Research Assistant, Gastroenterology	
<b>12/2014 – 09/2015</b>	<b>Real Estate Agent</b>	
<b>01/2014 – 12/2015</b>	<b>Freelance Graphic Designer</b>	
<b>11/2013 – 08/2014</b>	<b>Weber Company, Inc.</b>	Chesterland, OH
	Sales & Marketing Manager	
<b>06/2012 – 11/2013</b>	<b>ALDI, Inc.</b>	Hinckley, OH
03/2012 – 11/2013	District Manager, Hinckley Division	
06/2012 – 03/2013	District Manager Trainee, Hinckley Division	
<b>06/2004 – 08/2014</b>	<b>Village of Gates Mills</b>	Gates Mills, OH
06/2007 – 08/2014	Volunteer Firefighter, Gates Mills Fire Department	
06/2008 – 07/2008	Assistant Director, Gates Mills Summer Camp	
06/2004 – 06/2007	Cadet, Gates Mills Fire Department	

### Education

#### *Undergraduate education*

08/2014 – 05/2017	Columbus State Community College, Columbus OH	GPA: 3.83
	<b>Associate of Science (AS)</b> , Biology	
08/2007 – 05/2012	Miami University, Oxford, OH	GPA: 3.45
	<b>Bachelor of Science (BS)</b> , Management and Organizations	
	Minor in International Business	
	<b>Bachelor of Arts (BA)</b> , International Studies with Dual Concentration	
	International Development	
	Russian, Eastern Europe, and Central Asia Studies	
	<b>Bachelor of Arts (BA)</b> , Russian Language, History, and Culture	
08/2010 – 06/2011	Korea University, Seoul, South Korea	GPA: 3.59
	<b>Study Abroad</b> , Explore Asia Program	
	Student Ambassador	

## Honors and Awards

- 04/2019 *2018 BPI Impact Project of the Year Award*  
Business Process Improvement Department, Nationwide Children's Hospital, Columbus, OH
- 02/2019 *Impact Program Award*  
Impact Steering Committee, Nationwide Children's Hospital, Columbus, OH
- 01/2019 *2018 Outstanding RINCH Team Award*  
Nationwide Children's Hospital, Columbus, OH
- 06/2016 *Volunteer of the Month*  
Nationwide Children's Hospital, Columbus, OH

## Speaking Engagements

1. Johnson T, **Nemastil CJ**. Break-Out Group Discussions: Clinical Research. Moderator: 2019 Ohio Valley CF Consortium; Aug 27, 2019; Dublin, OH.
2. **Nemastil CJ**, McCoy KS. Overview of C3 Translational Core. Presentation: Cure CF Columbus (C3) Translational Meeting; Aug 7, 2019; Columbus, OH.
3. **Nemastil CJ**. Understanding Enrollment Metrics. Webinar presentation: TDN Coordinating Center Monthly RC Webinar; Feb 15, 2019.
4. **Nemastil CJ**. VISUAL INTERPRETATION OF IMPORTANT TDN METRICS AND SETTING SITE GOALS FOR IMPROVEMENT. Workshop presentation: The 32<sup>nd</sup> Annual North American Cystic Fibrosis Conference; Oct 18, 2018; Denver, CO.

## Publications

### **Peer-Reviewed Journal Articles**

1. Hjelm M, Tumin D, **Nemastil CJ**, Salvator AE, Hayes D Jr. Influence of Cystic Fibrosis Related Diabetes on Mental Health: A Single-Center Study. *J Cyst Fibros*. (Invited to Resubmit)
2. Sheikh S, Ryan-Wenger NA, Pitts J, **Nemastil CJ**, Palacios S. Impact of Asthma Severity on Long Term Asthma Control. *J Asthma*. (Invited to Resubmit)
3. Stephan EM, **Nemastil CJ**, Salvator A, Gemma S, Dilaveris CJ, Rice A, Sakellaris KT, Novak KJ, McCoy KS. Practitioner Due Diligence: Real-World Lumacaftor/Ivacaftor Use. *J Pediatr Pharmacol Ther*. (Accepted)
4. Paul GR, Leber A, **Nemastil CJ**, Novak KJ, Brady M, Stack-Simone S, Greninger AL, Antonara S. Identification of Mycobacterium porcinum in patients with cystic Fibrosis: Pathogen or contaminant? *J Cyst Fibros*. 2020 Jan 22:S1569-1993(20)30028-X. doi: 10.1016/j.jcf.2020.01.004. Epub ahead of print. PMID: 31982335.
5. May A, Humston C, Rice J, **Nemastil CJ**, Salvator A, Tobias J. Non-invasive carbon dioxide monitoring in patients with cystic fibrosis during general anesthesia: end-tidal versus transcutaneous techniques. *J Anesth*. 2020 Feb;34(1):66-71. doi: 10.1007/s00540-019-02706-5. Epub 2019 Nov 7. PMID: 31701307.
6. Woodley FW, Hayes D Jr, Kopp BT, Moore-Clingenpeel M, Machado RS, **Nemastil CJ**, Jadcherla S, Di Lorenzo C, Kaul A, Mousa H. Gastroesophageal reflux in cystic fibrosis across the age spectrum. *Transl Gastroenterol Hepatol*. 2019 Sep 16;4:69. doi: 10.21037/tgh.2019.08.11. PMID: 31620651; PMCID: PMC6789305.
7. 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 Apr;196(2):207-211. doi: 10.1007/s00408-018-0082-1. Epub 2018 Jan 18. PMID: 29349537.
8. 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. PMID: 29026731; PMCID: PMC5636931.

### **Abstracts**

1. Woodley FW, Williams K, Hayes D Jr, Kopp B, **Nemastil CJ**, Kaul A, Di Lorenzo C, Mousa H. PROLONGED NEUTRALIZATION OF ACID GASTROESOPHAGEAL REFLUX DURING CHEMICAL CLEARANCE IN CHILDREN

- WITH CYSTIC FIBROSIS IS NOT LIKELY DUE TO REDUCED EFFICIENCY IN SALIVA TRANSPORT THROUGH THE ESOPHAGEAL LUMEN. *Pediatr Pulmonol.* 2019;54(S2):257-258. doi: 10.1002/ppul.22495.
2. Hunt AL, Hooper C, Skaggs B, **Nemastil CJ**. EMPLOYING INSTITUTIONAL COLLABORATIVE STRATEGIES TO IMPROVE STUDY START-UP METRICS. *Pediatr Pulmonol.* 2019;54(S2):434-435. doi: 10.1002/ppul.22495.
  3. Gillespie M, **Nemastil CJ**, Krivchenia K. MENTAL HEALTH HISTORY AND SOCIAL BARRIERS IMPACTING CAREGIVERS OF INFANTS WITH CYSTIC FIBROSIS. *Pediatr Pulmonol.* 2019;54(S2):411. doi: 10.1002/ppul.22495.
  4. Hjelm M, Buck M, Jackson C, **Nemastil CJ**. CYSTIC FIBROSIS CAREGIVERS' PERCEPTION OF MENTAL HEALTH AND SELF-SCREENING IMPLEMENTATION: A QUALITY IMPROVEMENT PROJECT. *Pediatr Pulmonol.* 2019;54(S2):435. doi: 10.1002/ppul.22495.
  5. May A, Humston C, Rice J, **Nemastil CJ**, Salvator A, Tobias J. Non-invasive carbon dioxide monitoring in patients with cystic fibrosis during general anesthesia: end-tidal versus transcutaneous techniques. Society for Pediatric Anesthesia 33<sup>rd</sup> Annual Meeting; Oct 18, 2019; Orlando, FL.
  6. **Nemastil CJ**, Johnson T, Olson P, Raterman L, Hunt AL. VISUAL INTERPRETATION OF IMPORTANT TDN METRICS AND SETTING SITE GOALS FOR IMPROVEMENT. *Pediatr Pulmonol.* 2018;53(S2):362-363. doi: 10.1002/ppul.24152.
  7. Hjelm M, **Nemastil CJ**, Salvator A, Hayes D Jr, Tumin D. INFLUENCE OF CYSTIC FIBROSIS RELATED DIABETES ON MENTAL HEALTH: A SINGLE CENTER STUDY. *Pediatr Pulmonol.* 2018;53(S2):408. doi: 10.1002/ppul.24152.
  8. Gilmore D, Hooper C, **Nemastil CJ**, Dell ML, McCoy KS, Kirkby S. EFFECTS OF SELF-REPORTED MARIJUANA USE ON ADHERENCE AND MENTAL HEALTH DISEASE IN CYSTIC FIBROSIS. *Pediatr Pulmonol.* 2018;53(S2):424. doi: 10.1002/ppul.24152.
  9. Woodley FW, Moore-Clingenpeel M, **Nemastil CJ**, Machado R, Hayes D Jr, Kopp BT, Kaul A, Di Lorenzo C, Mousa H, Jadcherla SR. CHILDREN WITH CYSTIC FIBROSIS AND GERD HAVE SIGNIFICANTLY LOWER PROXIMAL BASELINE IMPEDANCE WHEN COMPARED TO SYMPTOMATIC CHILDREN WITHOUT CYSTIC FIBROSIS. *Pediatr Pulmonol.* 2018;53(S2):384-385. doi: 10.1002/ppul.24152.
  10. Dell ML, **Nemastil CJ**. DEXMEDETOMIDINE, PSYCHIATRY, AND CYSTIC FIBROSIS ACUTE CARE. *Pediatr Pulmonol.* 2018;53(S2):427. doi: 10.1002/ppul.24152.
  11. Sheikh S, Pitts J, Salvator A, **Nemastil C**, Pinto S. IMPACT OF ENVIRONMENTAL EXPOSURES (SECOND HAND SMOKING AND/OR PETS) ON LONG-TERM ASTHMA CONTROL IN CHILDREN. *Chest.* 2018;154(4):738A.
  12. Sheikh S, Pitts J, Salvator A, **Nemastil C**, Hayes D Jr. IMPACT OF GENETIC FACTORS (FAMILY HISTORY OF ASTHMA) ON LONG-TERM ASTHMA CONTROL IN CHILDREN. *Chest.* 2018;154(4):806A.
  13. Sheikh S, Pitts J, Salvator A, **Nemastil C**, Palacios S, Thompson R. IMPACT OF SEVERITY OF ASTHMA ON LONG-TERM ASTHMA CONTROL IN CHILDREN. *Chest.* 2018;154(4):807A.
  14. Sheikh S, Pitts J, Salvator A, **Nemastil C**, Ulrich L, May A, McCoy K. IMPACT OF RACE ON LONG-TERM ASTHMA CONTROL IN CHILDREN. *Chest.* 2018;154(4):808A.
  15. Azevedo MA, **Nemastil C**, Kirkby SE. Identification of Aspergillus in Patients with Cystic Fibrosis. *Am J Respir Crit Care Med.* 2018;197:A6264.
  16. **Nemastil CJ**, Humston L, Novak KJ, Dell ML. QTC INTERVALS IN CF PATIENTS RECEIVING SELECTIVE SEROTONIN REUPTAKE INHIBITORS. *Pediatr Pulmonol.* 2017;52(S47):327-328. doi:
  17. 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. *Pediatr Pulmonol.* 2017;52(S47):259. doi: 10.1002/ppul.23840.
  18. 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? *Pediatr Pulmonol.* 2017;52(S47):361. doi: 10.1002/ppul.23840.
  19. Hunt AL, Divoky E, Duke L, **Nemastil CJ**. UTILIZING A REGULATORY COORDINATOR TO IMPROVE SITE CLINICAL TRIAL PARTICIPATION. *Pediatr Pulmonol.* 2017;52(S47):417-418. doi: 10.1002/ppul.23840.
  20. Minor M, **Nemastil CJ**, Gemma S, Rice A, Shaikhkhalil A. DIGESTIVE ENZYME CARTRIDGE (RELIZORBTM) DURING CONTINUOUS ENTERAL FEEDS AMONG INDIVIDUALS WITH CYSTIC FIBROSIS. *Pediatr Pulmonol.* 2017;52(S47):459. doi: 10.1002/ppul.23840.

21. 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. *Am J Respir Crit Care Med*. 2017;195:A4858.
22. 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. *Am J Respir Crit Care Med*. 2017;195:A5340.
23. Dell ML, Smith W, **Nemastil CJ**. DEXMEDETOMIDINE USE BY PEDIATRIC CONSULTATION SERVICE FOR SEVERE ANXIETY, AGITATION, AND DELIRIUM. *J Am Acad Child Adolesc Psychiatry*. 2016;55:S211-S212. doi: 10.1016/j.jaac.2016.09.344.
24. 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*. 2016;63(S2)S381.

## Posters

1. Woodley FW, Williams K, Hayes D Jr, Kopp B, **Nemastil CJ**, Kaul A, Di Lorenzo C, Mousa H. PROLONGED NEUTRALIZATION OF ACID GASTROESOPHAGEAL REFLUX DURING CHEMICAL CLEARANCE IN CHILDREN WITH CYSTIC FIBROSIS IS NOT LIKELY DUE TO REDUCED EFFICIENCY IN SALIVA TRANSPORT THROUGH THE ESOPHAGEAL LUMEN. Poster presented at: The 33<sup>rd</sup> Annual North American Cystic Fibrosis Conference; Oct 31 – Nov 2, 2019; Nashville, TN.
2. Hunt AL, Hooper C, Skaggs B, **Nemastil CJ**. EMPLOYING INSTITUTIONAL COLLABORATIVE STRATEGIES TO IMPROVE STUDY START-UP METRICS. Poster presented at: The 33<sup>rd</sup> Annual North American Cystic Fibrosis Conference; Oct 31 – Nov 2, 2019; Nashville, TN.
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9. Woodley FW, Moore-Clingenpeel M, **Nemastil CJ**, Machado R, Hayes D Jr, Kopp BT, Kaul A, Di Lorenzo C, Mousa H, Jadcherla SR. CHILDREN WITH CYSTIC FIBROSIS AND GERD HAVE SIGNIFICANTLY LOWER PROXIMAL BASELINE IMPEDANCE WHEN COMPARED TO SYMPTOMATIC CHILDREN WITHOUT CYSTIC FIBROSIS. Poster presented at: The 32<sup>nd</sup> Annual North American Cystic Fibrosis Conference; Oct 18-20, 2018; Denver, CO.
10. Dell ML, **Nemastil CJ**. DEXMEDETOMIDINE, PSYCHIATRY, AND CYSTIC FIBROSIS ACUTE CARE. Poster presented at: The 32<sup>nd</sup> Annual North American Cystic Fibrosis Conference; Oct 18-20, 2018; Denver, CO. 2018; Denver, CO.
11. **Nemastil CJ**, Humston L, Novak KJ, Dell ML. QTC INTERVALS IN CF PATIENTS RECEIVING SELECTIVE SEROTONIN REUPTAKE INHIBITORS. Poster presented at: The 31<sup>st</sup> Annual North American Cystic Fibrosis Conference; Nov 2-4, 2017; Indianapolis, IN.

12. 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 31<sup>st</sup> Annual North American Cystic Fibrosis Conference; Nov 2-4, 2017; Indianapolis, IN.
13. 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 31<sup>st</sup> Annual North American Cystic Fibrosis Conference; Nov 2-4, 2017; Indianapolis, IN.
14. Hunt AL, Divoky E, Duke L, **Nemastil CJ**. UTILIZING A REGULATORY COORDINATOR TO IMPROVE SITE CLINICAL TRIAL PARTICIPATION. Poster presented at: The 31<sup>st</sup> Annual North American Cystic Fibrosis Conference; Nov 2-4, 2017; Indianapolis, IN.
15. 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 31<sup>st</sup> Annual North American Cystic Fibrosis Conference; Nov 2-4, 2017; Indianapolis, IN.

### **Other Publications**

1. Hunt AL, **Nemastil CJ**. RC Perspective: Using a Regulatory Coordinator to Increase Site Clinical Trial Participation. *The TDN Times*. 2018 Feb 26;9(1):8-12.
2. Hunt AL, Divoky E, Duke L, **Nemastil CJ**. Thinking About Hiring a Regulatory Coordinator? *The TDN Times*. 2017 Jul 7;8(2):9.

### **Professional Activities**

#### **Nationwide Children's Hospital**

- 01/2019 – Present Member | Information Services Early Adopters (EA) Group
- 08/2018 – Present Member | Leadership, Engagement, and Development (LEAD) Professionals

#### **Collaboratives**

- 07/2019 – Present Member | Ohio Valley CF Consortium
- 11/2017 – Present Member | Cure CF Columbus (C3)

### **Training & Certificates**

- 12/2019 Georgia Institute of Technology | CS1301xIII: Computing in Python II: Data Structures
- 11/2019 Georgia Institute of Technology | CS1301xII: Computing in Python II: Control Structures
- 09/2019 Georgia Institute of Technology | CS1301xI: Computing in Python I: Fundamentals and Procedural Programming
- 09/2019 – 09/2021 Smartsheet | Product Certified User
- 08/2019 PHIS | Intro to Report Writing
- 12/2018 – 12/2021 CITI Program | Human Subjects Protection - Social & Behavioral
- 05/2018 Nationwide Children's Hospital | Certificate of Clinical Research Competency
- 03/2018 – 03/2022 CITI Program | Conflicts of Interest
- 12/2015 – 12/2021 CITI Program | Human Subjects Protection - Biomedical
- 12/2015 – 12/2021 CITI Program | Effective Clinical Research Management
- 12/2015 – 12/2021 CITI Program | Good Clinical Practice Course
- 03/2016 – 03/2019 CITI Program | Training for Investigators, Staff, and Students Handling Biohazards
- 02/2016 – 02/2019 CITI Program | Special Laboratory Hazards
- 12/2015 CITI Program | Social and Behavioral Responsible Conduct of Research Course
- 12/2015 CITI Program | Biomedical Responsible Conduct of Research