

CURRICULUM VITAE
University of Alabama at Birmingham
Heersink School of Medicine (HSOM)

Date March 27, 2023

PERSONAL INFORMATION

Name: Gabriela R. Oates
Citizenship: United States
Foreign languages: Bulgarian, Russian, Swedish, German
Home address: 4700 7th Ave S, Birmingham, AL 35222
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RANK/TITLE Associate Professor, Tenure Earning

Department: Pediatrics, Division of Pulmonary and Sleep Medicine
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EDUCATION

1988 B.A. Philology, Sofia University St. Kliment Ohridski
1989 M.A. Linguistics, Sofia University St. Kliment Ohridski
2015 Ph.D. Medical Sociology, University of Alabama at Birmingham

ADDITIONAL TRAINING

2015 – 2017 K12 Career Development Award (AHRQ/UAB PCOR K12 program)
2018 NHLBI/OBSSR Summer Institute on Randomized Behavioral Clinical Trials

Certifications

2019 Tobacco Treatment Specialist, Center for Tobacco Treatment Research and Training, University of Massachusetts Medical School, Worcester, MA

Professional Development

2021 Leadership Development Seminar for Women Faculty in Medicine, Association of American Medical Colleges

ACADEMIC APPOINTMENTS

Primary:

2022 – present	Associate Professor	Pulmonary and Sleep Medicine, Department of Pediatrics, University of Alabama at Birmingham
2017 – 2022	Assistant Professor	Pulmonary and Sleep Medicine, Department of Pediatrics, University of Alabama at Birmingham
2015 – 2017	Instructor	Preventive Medicine, Department of Medicine, University of Alabama at Birmingham
2010 – 2015	Research Associate	Preventive Medicine, UAB Department of Medicine, University of Alabama at Birmingham
2006 – 2010	Educational Research Consultant	Preventive Medicine, UAB Department of Medicine, University of Alabama at Birmingham

Secondary:

2022 – present	Associate Professor	Preventive Medicine, Department of Medicine, University of Alabama at Birmingham
2017 – 2022	Assistant Professor	Preventive Medicine, Department of Medicine, University of Alabama at Birmingham
2020 – present	Level II Faculty	UAB Graduate School
2020 – present	Associate Scientist	UAB Center for Clinical and Translational Science
2016 – present	Associate Scientist	UAB Cystic Fibrosis Research Center (CFRC)

2016 – present	Associate Scientist	UAB Lung Health Center
2016 – present	Associate Scientist	UAB Minority Health & Health Disparities Research Center (MHRC)
2016 – present	Scientist	UAB Center for Outcomes and Effectiveness Research and Education (COERE)

AWARDS/HONORS

2022	Nominee, UAB HSOM Dean’s Excellence Award in Research (Junior Faculty)
2021	Research Achievement Award (Junior Faculty), UAB Department of Pediatrics
2021	Best of 2020, <i>Journal of Cystic Fibrosis</i>
2020	Mentor, Best Clinical Abstract, UAB 5 th Annual Pediatric Science Day
2019	Mentor, Best Clinical Abstract, UAB 4 th Annual Pediatric Science Day
2018	Fellow, NHLBI/OBSSR Summer Institute on Randomized Behavioral Clinical Trials
2017	Research Supplement Award (3 rd place Instructor), UAB Department of Medicine
2016	Scholar, UAB K12 Patient Centered Outcomes Research (PCOR) Program
2015	Finalist, Junior Investigators Best Abstract in Clinical Research Award, 29 th North American Cystic Fibrosis Conference
2015	Nominee, Samuel B. Barker Award for Excellence in Graduate Studies
2014	Dean’s Outstanding Doctoral Student Award, UAB College of Arts and Sciences

PROFESSIONAL SOCIETIES/MEMBERSHIPS

2019 – present	Society for Pediatric Research
2019 – present	American Academy of Pediatrics, Section on Tobacco Control
2015 – present	American Thoracic Society
2016 – 2018	Society of Behavioral Medicine

PROFESSIONAL CONSULTANTSHIPS

2018 – 2021	International Biophysics Corporation
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COUNCILS AND COMMITTEES

National

NIH/NHLBI

2022	<ul style="list-style-type: none"> ○ Moderator, Current and Future Research Needs in the Era of Highly Effective Modulator Therapies for Cystic Fibrosis. Virtual Workshop, June 2-3, 2022
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NIH Rapid Acceleration of Diagnostics Underserved Populations (RADx-UP)

2023 – present	<ul style="list-style-type: none"> ○ Permanent Member, Publications and Dissemination Committee
2021 – 2022	<ul style="list-style-type: none"> ○ Chair, Social Determinants of Health Workgroup

National COVID Cohort Collaborative (N3C), NIH/NCATS

2020 – 2022	<ul style="list-style-type: none"> ○ Member, Social Determinants of Health Workgroup
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Cystic Fibrosis Foundation

2022 – 2024	<ul style="list-style-type: none"> ○ Member, Steering Committee, Success with Therapies Research Consortium
2022 – present	<ul style="list-style-type: none"> ○ Member, CF Patient Registry Research Workgroup
2022	<ul style="list-style-type: none"> ○ Member, Health Equity Team Science Workgroup
2022	<ul style="list-style-type: none"> ○ Member, Cost, Utilization and Social Factors Workgroup
2021	<ul style="list-style-type: none"> ○ Member, Telehealth and Remote Monitoring Workgroup
2020 – 2022	<ul style="list-style-type: none"> ○ Member, Racial Justice External Workgroup
2020 – 2022	<ul style="list-style-type: none"> ○ Chair, Food Insecurity Committee, Research Workgroup
2020 – 2022	<ul style="list-style-type: none"> ○ Member, mHealth Workgroup, Success with Therapies Research Consortium
2019 – 2020	<ul style="list-style-type: none"> ○ Member, Food Insecurity Committee, Research Workgroup
2017 – 2020	<ul style="list-style-type: none"> ○ Co-chair, Community Project, Success with Therapies Research Consortium
2017 – 2021	<ul style="list-style-type: none"> ○ Member, Publications & Presentations Committee, STRC

- 2019 **North American Cystic Fibrosis Conference**
 ○ Chair, Health Policy and Social Determinants of Health
- 2021 – present **The COPDGene Study**
 2017 – 2020 ○ Member, Race, Spirometry, and Census Data Workgroup
 ○ Member, Social and Behavioral Sciences Workgroup
- 2021 – present **Multicenter AIDS Cohort Study/Women's Interagency HIV Study**
 ○ Member, UAB-UMMC Workgroup on Social Determinants of Health

Local

- 2019 – present Member, Children's of Alabama Tobacco-Free Task Force
 2009 – 2017 Member, UAB Pediatric Pulmonary Center Parent Advisory Board
 2007 – 2015 Member, UAB/Children's of Alabama CF Center Parent Advisory Board

UNIVERSITY ACTIVITIES

- 2022 – present Member, Health Equity Task Force, HSOM Research Strategic Plan 2022-2027
 2022 – present Panelist, Grant Writing Intensive (GRIT) monthly sessions, UAB COERE
 2022 Moderator, Health Disparities Research Education Program: Career Roadmaps
 2021 – present Facilitator, UAB Graduate Medical Education Health Disparities Academy
 2021 – 2023 Member, Strategic Planning Committee, Pediatric Pulmonary Division
 2021 – 2022 Panelist, UAB School of Medicine Undergraduate Medical Education
 Diversity in Healthcare Forum: Health Disparities Panel
 2021 – 2022 Leader, UAB Social Informatics Workgroup
 2020 – 2022 Leader, Department of Pediatrics Research Works in Progress Forum
 2019 – 2021 Co-Leader, Department of Pediatrics Health Disparities Research Group
 2018 – present Leader, Social Determinants of Health Core, UAB Minority Health &
 Health Equity Research Center
 2017 – 2018 Member, Adherence Working Group, UAB Center for AIDS Research
 2020 – present Panelist on 20 grant review panels, UAB Center for Clinical and Translational Science
 2020 – present Grant reviewer, Deep South Research Center for Minority Aging Research
 2020 – present Grant reviewer, Kaul Pediatric Research Institute (KRPI) awards
 2018 – present Grant reviewer, UAB Health Disparities Research Training Program
 2015 – 2016 Grant consultant, UAB SOM Office of Diversity and Multicultural Affairs
 2015 – 2016 Abstract reviewer, UAB Health Disparities Research Symposium
 2019 Poster judge, Cystic Fibrosis Trainee-Mentor Research Day
 2017 – 2019 Poster judge, UAB Health Disparities Research Symposium
 2010 – 2018 Poster judge, MHRC Summer Enrichment Program
 2017 Poster judge, Center for Healthy African American Men through Partnerships
 2010 – 2017 Director of Research, UAB Minority Health & Health Disparities Research Center

SCIENTIFIC REVIEW ACTIVITIES

- Grants:** NIH Common Fund, Community Partnerships to Advance Science for Society (ComPASS) Health Equity Structural Intervention (CHESI) 2023
 NIH Special Emphasis Panel/Scientific Review Group 2023/05 ZRG1 CTH-F (71) 2023
 NIH Special Emphasis Panel/Scientific Review Group 2022/08 ZRG1 IFCN-R (51) 2022
 UK Medical Research Council/Economic and Social Research Council/Australian National Health and Medical Research Council 2019
 Cystic Fibrosis Foundation 2018, 2023
 Centers for Disease Control and Prevention 2009 – 2011

Abstracts: North American Cystic Fibrosis Conference

2019

Journals: Reviewer, *American Journal of Preventive Medicine*
Reviewer, *American Journal of Respiratory and Critical Care Medicine*
Reviewer, *Annals of the American Thoracic Society*
Reviewer, *Australian and New Zealand Journal of Public Health*
Reviewer, *BMC Health Services Research*
Reviewer, *BMC Pulmonary Medicine*
Reviewer, *BMJ Open*
Reviewer, *Cancer*
Reviewer, *Chest*
Reviewer, *COPD: Journal of Chronic Obstructive Pulmonary Disease*
Reviewer, *ERJ Open Research*
Reviewer, *Ethnicity and Disease*
Reviewer, *Expert Review of Respiratory Medicine*
Reviewer, *Frontiers in Public Health*
Reviewer, *JAMA Pediatrics*
Reviewer, *Journal of Cystic Fibrosis*
Reviewer, *Journal of Medical Internet Research*
Reviewer, *Journal of Pediatrics*
Reviewer, *Journal of Social Science Research*
Reviewer, *The Lancet Regional Health – Americas*
Reviewer, *Medical Care*
Reviewer, *New England Journal of Medicine*
Reviewer, *Nicotine & Tobacco Research*
Reviewer, *Pediatric Infectious Disease Journal*
Reviewer, *Pediatric Pulmonology*
Reviewer, *PLOS One*
Reviewer, *Preventive Medicine*
Reviewer, *Respiratory Care*
Reviewer, *Respiratory Medicine*
Reviewer, *Seminars in Arthritis and Rheumatism*
Reviewer, *Sociology of Race and Ethnicity*
Reviewer, *Tobacco Control*
Reviewer, *Translational Behavioral Medicine*
Reviewer, *Women's Health Issues*

Special issue coordinator, *American Journal of Preventive Medicine*: "Social Determinants of Health: Research, Practice, Policy." *Am J Prev Med.* 2017 Jan;52(1S1)

Chief manuscript reviewer, The Coronary Artery Risk Development in Young Adults (CARDIA) Study

MAJOR RESEARCH INTERESTS

- Social determinants of health and health disparities
- Patient-centered outcomes and health services research
- Mobile health, adherence, and self-management of chronic respiratory diseases

TEACHING EXPERIENCE

Didactic coursework

2022	EPI 706 Cardiovascular Epidemiology: Social Determinants of Cardiovascular Disease, UAB School of Public Health
2021 – 2023	Graduate Medical Education Health Disparities Academy: Place and Health (asynchronous content and synchronous monthly sessions)
2021	GRD 717 Principles of Scientific Ethics: Responsible Conduct of Research Training Workshop

2018 – 2020	Research Faculty, Pediatric Pulmonary Center
2020	PhD Program Summer Intensive, UAB School of Nursing
2018	Stressful Life Events and Diet in Adolescence: Intensive Course in Pediatric Nutrition, UAB School of Medicine
2017 – 2019	EPI 602 Chronic Disease Epidemiology, UAB School of Public Health
2016	SOC 786 Health Disparities, UAB Department of Sociology
2016	Understanding the Social Determinants of Health: Patient, Physician, and Society for Medical Students, UAB School of Medicine
2015	Introduction to Health Disparities: Health Disparities for Medical Students, UAB School of Medicine
2014	SOC 410/601 Social Statistics, UAB Department of Sociology
2009 – 2015	Course Master, Scientific Writing I: MHRC Summer Enrichment Program

Mentoring and scholarship oversight

Name, degree, position	Mentorship type	Period	Current position
Undergraduate students			
Makayla Drew, Virginia State University	NIDDK/UAB Short-Term Research Experience for Under-represented Persons (STEP-UP)	2021	Student, Virginia State University
Cassidy Stoddart, UAB Sociology	Research in Aging through Mentorship & Practice (RAMP-UP)	2021-2024	Student, UAB
Ritika Samant, UAB EMSAP	Public Health Applied Practice Experience (APEX)	2022	Student, UAB
Abigail Holland, Neuroscience, Haverford College	Summer research experience	2022	Student, Haverford College
Graduate and medical students			
Andria Cimino, MPH, UAB CAS, Medical Sociology	Member of Dissertation Committee	2022-2023	UAB CAS, Sociology, PhD Student
Seabrook Jeffcoat, BS, UAB SOPH	Member of Thesis Committee	2022-2024	UAB SOPH, MSPH Epidemiology student
June Wolford, BS, MS1, UAB HSOM	Research internship	2021	MS2, UAB HSOM
William Freeman, BS, MS2, UAB HSOM	Mentor of Scholarly Activity	2021	MS3, UAB HSOM
Tiffany Tucker, BA, UAB CAS, Psychology	Member of Thesis Committee	2020-2021	UAB CAS, PhD student
Jane Hampton, BS, MS2-3, UAB HSOM	Research internship	2019-2021	PGY1, UAB, Pediatrics
Annabelle Friedman, BA, MS2-3, UAB HSOM	Research internship	2019-2021	PGY1, Emory University, Pediatrics
Suranjana Dey, MD, MS3-4, UAB HSOM	Research internship	2018-2019	PGY3, Ohio State University, Med-Peds
Post-docs and Fellows			
Lece Viva Webb, MD, Fellow, Pediatric Critical Care, UAB HSOM	Mentor, Chu Family Educational Scholarship	2021-2022	Assistant Professor, Pediatric Critical Care, UAB HSOM
Kyle Bliton, MD, Fellow, Pediatric Pulmonology, UAB HSOM	Primary mentor, Scholarly Oversight Committee	2020-2022	Fellow, Pediatric Pulmonology, UAB HSOM
Claire Keith, MD, Fellow, Pediatric Gastroenterology, UAB HSOM	Member, Scholarly Oversight Committee	2020-2022	Fellow, Pediatric Gastroenterology, UAB HSOM
Mohini Gunnett, MD, Fellow, Pediatric Pulmonology, UAB HSOM	Member, Scholarly Oversight Committee	2020-2022	Fellow, Pediatric Pulmonology, UAB HSOM
Faculty			
Samantha Martin, PhD, Postdoctoral Fellow, Department of OB/GYN, UAB HSOM	Co-Mentor, K01 resubmission	2022-2023	Postdoctoral Fellow, Department of OB/GYN, UAB HSOM

Lece Viva Webb, MD, Assistant Professor, Pediatric Critical Care, UAB HSOM	Mentor, Health Disparities Research Education Program	2022-2023	Assistant Professor, Pediatric Critical Care, UAB HSOM
Jenni Wise, PhD, MSN, RN, Assistant Professor, UAB SON	Co-Mentor, K12 Career Development Award; Co-Mentor, K23 submission	2020-2022	Assistant Professor, UAB SON
Sara Davis, PhD, RN, PCNS-BC, Assistant Professor, USA Nursing	Co-Mentor, KL2 Career Development Award	2020-2022	Assistant Professor, USA College of Nursing
Vanessa Cardenas-Soto, MD, Assistant Professor, Pediatric Gastroenterology, UAB HSOM	Mentor, Health Disparities Research Education Program	2019-2020	Assistant Professor, Pediatric Gastroenterology, UAB HSOM
Emily Smitherman, MD, Assistant Professor, Pediatric Rheumatology, UAB HSOM	Mentor, Health Disparities Research Education Program	2019-2020	Assistant Professor, Pediatric Rheumatology, UAB SOM

Community teaching experiences and presentations

1. Where Health Disparities Begin. Impact America, Inc., Oct 16, 2015, Birmingham, AL.
2. Grant Writing for Health Disparities: Community Workshop. June 8-9, 2016, New Orleans, LA.
3. Race and Social Vulnerability: Lessons from the COVID-19 Pandemic. Invited presentation at the Albert Schweitzer Fellowship Chapters, Jul 22, 2021 (virtual due to COVID-19).
4. Social Determinants of Health: Meanings, Misunderstandings, and Opportunities. Invited presentation at Blue Cross Blue Shield of Alabama, Jul 26, 2022.

GRANT SUPPORT

Active Grants:

A. Extramural

1U54CA280770 (Pisu/Fouad)

04/01/2023 – 03/31/2028

NIH/NCI

\$11,137,500 total

UAB Center for Cancer Control in Persistent Poverty Areas (C3P2)

The C3P2 will develop a research program and capacity in synergy with persistent poverty (PP) communities in Alabama, to address knowledge gaps regarding (1) changes to the living environments that are effective for reducing cancer incidence and mortality risk factors; (2) adapting and implementing individual-level interventions in PP areas in conjunction with changes to the living environments; and (3) the longer-term effects of living environment changes on social structure in PP areas.

Roles: MPI, Research Project 1; PI, Research and Methods Core; Investigator, Developmental Core

1U1IMC45814-01-00 (Cohen)

09/01/2022 – 08/31/2026

HRSA/Children's National Research Institute

\$29,150,000 total

Regional Pediatric Pandemic Network (PPN)

The objective of the PPN program is to improve the coordination of Children's Hospitals in providing leadership within their communities, states, and regions to improve pediatric readiness across the continuum of pediatric care in preparing for and responding to global health threats with an emphasis on addressing disparities experienced by underserved populations. Role: Co-Lead, Health Equity

1U01MD017432-01 (Oates)

12/01/21 – 11/30/23

NIH/NIMHD

\$1,187,991 total

Reducing Ethical and Social Prejudicial Effects of COVID-19 Testing in Underserved Populations (RESPECT-UP)

This project will assess and address the social, ethical, and behavioral implications of COVID-19 testing in vulnerable urban and rural racially diverse populations in Alabama, and develop RESPECT-UP toolkits to improve the equity, access, and uptake of current and future COVID-19 testing. Role: PI

ADPH GC-23-080 (Oates) 10/1/2022 – 09/30/2023
Alabama Department of Public Health \$79,049 total
Healthy Communities for a Tobacco-Free Future
This project delivers e-cigarette prevention curriculum to middle- and high-school students in the Birmingham Metro area to reduce adolescents' intent to use e-cigarettes. Role: PI

OATES20A0-I (Oates) 01/01/2021 – 12/31/2022
Cystic Fibrosis Foundation \$179,200 total
Clinical Effort Against Smoke Exposure in Cystic Fibrosis (CEASE-CF)
This project tests the feasibility, acceptability, and preliminary efficacy of a multi-component smoking cessation intervention tailored to the needs of CF caregivers and delivered in clinical settings as part of routine CF care. Role: PI

OATES18PE0 (Oates, Site PI) 08/01/2018 – 07/31/2023
Cystic Fibrosis Foundation \$164,663 total
Success with Therapies Research Consortium
The goal of this Consortium is to identify and test interventions that enhance successful adherence to therapies and self-management of cystic fibrosis. Role: Site PI

CFF (Oates) 01/01/2022 – 12/31/2022
Cystic Fibrosis Foundation \$5,000 total
Food Insecurity Screening in Cystic Fibrosis Programs: A Qualitative Investigation
This project aims to understand factors surrounding food insecurity and related challenges among people with CF and their caregivers. Role: PI

U54MD000502-17S1 (Fouad; Oates, Project PI) 09/01/2019 – 07/31/2023
NIH/NIMHD \$1,053,156 total
Obesity Health Disparities Research Center (OHDRC) Regional Expansion
This supplement regionalizes the OHDRC to impact health disparities in obesity and chronic diseases. The full project, Common Data Elements, links area-level social determinants of health to clinical data to develop risk stratification tools for major chronic diseases. Role: Project PI

U54MD000502-19S1 (Fouad) 11/13/2020 – 07/31/22
NIH/NIMHD \$1,576,328 total
Obesity Health Disparities Research Center (OHDRC): COVID-19 Testing Model among Vulnerable Populations: From Community Engagement to Follow-Up
This RADx-UP project will implement a mobile community-based COVID-19 testing model and evaluate its impact for improved access, acceptance, uptake, and follow-up to testing. Role: Co-Investigator

UL1 TR003096 (Kimberly) 05/2019 – 04/2024
NIH/NCATS \$47,062,941 total
Center for Clinical and Translational Science (CCTS)
The CCTS aims to reduce health disparities in diseases disproportionately represented in the Deep South. A robust Partner Network spanning Alabama, Mississippi and Louisiana maximizes the collaborative synergies in translational research to advance fundamental and clinical discovery to application to human health and healthcare delivery. Role: Investigator

OT2HL158257 (Fouad) 09/09/2020 – 03/31/2023
NIH/NHLBI \$2,288,001 total
Alabama Community-Engagement Research Alliance Against COVID-19 (Alabama CEAL)
This project helps increase enrollment in COVID-related clinical trials among disproportionately affected populations. Role: Co-Investigator

B. Intramural

KPRI 3123287 (Oates) 04/01/2021 – 03/31/2023
Kaul Pediatric Research Institute \$75,000 total
Mobile health platform for management of cystic fibrosis: a pragmatic trial

This project will test Genia, a patient support system with a patient-facing app, in real-world clinical settings with patients and providers at the UAB/COA pediatric CF Center. Role: PI

GC A Healthier AL (Fouad) 07/01/2019 – 06/30/2024
University of Alabama at Birmingham \$2,700,000 total
Grand Challenge: Healthy Alabama 2030

This project will make targeted policy, system, and environment changes to facilitate physical activity, nutrition, and wellness, leading to improved chronic disease outcomes. Role: Co-PI

Pending Grants:

1 U2C DK137138-01 (Lemack) 07/01/2023 – 06/30/2028
NIH/NIDDK \$1,437,349 total
Stakeholder Engagement Innovation Center for Health Equity: Advancing Health Equity in Type 2 Diabetes Research

This project will focus on community-engaged research efforts to enhance the number of community-engaged NIDDK proposals. Role: Associate Director, Research Consultation Services Core

Completed Grants:

A. Extramural

ADPH GC-21-132 (Oates) 10/1/2021 – 09/30/2022
Alabama Department of Public Health \$76,000 total
Healthy Communities for a Tobacco-Free Future

This project delivers e-cigarette prevention curriculum to middle- and high-school students in the Birmingham Metro area to reduce adolescents' intent to use e-cigarettes. Role: PI

CFF GUTIER18QI1 (Gutierrez) 07/01/2018 – 06/30/2022
Cystic Fibrosis Foundation \$1,276,807 total
Cystic Fibrosis Training Network: Latin America

This project will implement a sustainable training program for CF Centers in Latin America to improve quality of care, clinical outcomes, and life expectancy of CF patients in Latin America. Role: Co-PI

3P30 DK072482-13S1 (Rowe) 09/01/2019 – 02/28/2022
NIH/NIDDK \$294,941 total
Cystic Fibrosis Research Center (CFRC) Supplement

This project aimed to investigate whether ivacaftor can augment CFTR activity in individuals with COPD and chronic bronchitis, improving lung function and respiratory symptoms. Role: Co-PI

3P30 DK072482 (Rowe) 05/01/2019 – 04/30/2022
NIH/NIDDK \$150,000 total
Impact of Second-hand Smoke on Response to CFTR Correction in CF Patients

This project defined the consequences of second-hand smoke exposure on CFTR modulator response and CF respiratory decline using both self-reported and objective measures of exposure.

Role: Pilot project PI

<p>C10114065 (Oates) Alabama Department of Public Health <i>Healthy Birmingham Metro Communities for a Tobacco-Free Future</i> This project delivered e-cigarette prevention curriculum to middle- and high-school students in the Birmingham Metro area to reduce adolescents' intent to use e-cigarettes. <u>Role: PI</u></p>	<p>10/1/2020 – 09/30/2021 \$99,700 total</p>
<p>ACS-65221 (Oates) American Cancer Society <i>UAB Tobacco-Free Generation Campus Initiative</i> This project supported education, outreach, and awareness activities to reduce the use of tobacco, including e-cigarettes, on the university campus. <u>Role: PI</u></p>	<p>11/1/2019 – 10/31/2021 \$20,000 total</p>
<p>2021271 (Phan; Oates, Site PI) Cystic Fibrosis Foundation/Boston Children's Hospital <i>Feasibility of a Mobile Medication Plan Application in CF Patient Care</i> This project tested the feasibility of a mobile app for medication self-management and adherence in CF care. <u>Role: Site PI</u></p>	<p>05/29/2019 – 06/30/2021 \$17,785 total</p>
<p>CFF GUTIER18QI0 (Gutierrez) Cystic Fibrosis Foundation <i>Optimization of the Alabama CF Newborn Screening Program</i> This project improved the participation of primary care pediatricians in screening, work with local health departments to help families overcome barriers to sweat testing, and improve the family experience by streamlined communication of screening results. <u>Role: Co-PI</u></p>	<p>08/01/2018 – 07/31/2020 \$86,400 total</p>
<p>2 U01 HG007301-05 (Korf/Cooper) NIH/NHGRI <i>Clinical sequencing across communities in the Deep South</i> This project tested an alternative modality for communication of results to allow expansion of genomic testing into community settings. An RTC aimed to demonstrate that community-based genetic counseling is non-inferior to counseling by genetic counsellors. <u>Role: Investigator</u></p>	<p>08/01/2017 – 10/01/2018 \$2,368,825/year</p>
<p>U54MD008602 (Benjamin/Pisu) NIH/NIMHD <i>Gulf States Collaborative Center for Health Policy Research</i> This center sought to reduce the burden of chronic disease in vulnerable populations and increase community resilience through policy change and health system improvement. <u>Role: Program Director</u></p>	<p>07/01/2013 – 06/30/2018 \$3,500,000/year</p>
<p>U54MD008620 (Vickers) NIH/NIMHD <i>National Transdisciplinary Collaborative Center for African American Men's Health</i> This center addressed disparities affecting African American men, including disparities in unintentional and violence-related injuries and chronic diseases across the life course. <u>Role: Program Director</u></p>	<p>07/01/2013 – 06/30/2018 \$3,500,000/year</p>
<p>U54MD008176 (Fouad) NIH/NIMHD <i>Mid-South Transdisciplinary Collaborative Center for Health Disparities Research</i> This center sought to reduce disparities in chronic disease burden experienced by African Americans in six Mid-South states by addressing the social determinants of health. <u>Role: Program Director</u></p>	<p>09/26/2012 – 07/31/2017 \$3,500,000/year</p>
<p>2P60MD000502-10 (Fouad/Scarinci) NIH/NIMHD <i>Comprehensive Minority and Health Disparities Research Center (MHDRC) – Phase III</i></p>	<p>09/20/2012 – 03/31/2017 \$808,351/year</p>

This center generated new knowledge on minority health and health disparities in the areas of cancer prevention and control, cardiovascular disease, and their risk factors in African American and Hispanic populations. Role: Program Director

B. Intramural

GL # Not Assigned (Oates) 08/01/2020 – 1/31/2021
UAB Urgent High-Impact COVID19 Research V 2.0 \$45,000 total
Individual- and area-level risk factors for COVID-19 disparities in the Deep South

This project defined the contributions of race, comorbidities, and social determinants of health to COVID-19 diagnosis-based incidence, progression to high-acuity disease, and death in Alabama, Mississippi, and Louisiana. Role: PI

KPRI 000522124 (Oates) 02/01/2019 – 01/31/2021
Kaul Pediatric Research Institute \$70,000 total

Technology-enabled Patient Support System for Self-Management of Pediatric Cystic Fibrosis

This project refined and pilot-tested a technology-enabled patient support system as a self-management tool for children with CF and their caregivers. Role: PI

K12HS023009 (Saag; Oates, K12 Scholar) 08/01/2016 – 07/31/2018
AHRQ/UAB K12 PCOR \$284,000 total

Social Determinants of Adherence to Pulmonary Rehabilitation in COPD

This career development award used a mixed methods approach to assess social determinants of adherence to pulmonary rehabilitation among patients with COPD. Role: PI

U54MD008176 (Fouad; Oates, Pilot project PI) 11/01/2016 – 07/31/2017
NIH/NIMHD \$15,000 total

Psychosocial Determinants of Medication Adherence in the REGARDS Cohort

This study used data from the Reason for Geographic and Racial Differences in Stroke (REGARDS) cohort to investigate the relationship between social determinants of health, health behaviors, and medication adherence in four chronic diseases. Role: Pilot project PI

U54MD008176 (Fouad; Oates, Pilot project PI) 08/01/2016 – 07/31/2017
NIH/NIMHD \$100,000 total

Bikeshare for Low-Income Urban Communities: A Mixed Methods Feasibility Study

This study linked three types of data – bikeshare utilization, socio-demographic, and environmental – and followed up on the quantitative findings with a qualitative research to explore the feasibility of bikeshare programs in low-income urban neighborhoods. Role: Pilot project PI

GL # NOT ASSIGNED (Oates) 3/10/2014 – 3/9/2015
UAB Cystic Fibrosis Research Center \$1,200 total

Vest Therapy Adherence and Cystic Fibrosis Outcomes

This project investigated the association between socioeconomic status and adherence to airway clearance therapy in CF and explored the role of adherence for pediatric CF outcomes. Role: PI

BIBLIOGRAPHY

ORCID: 0000-0003-4052-1524

PEER-REVIEWED MANUSCRIPTS

* *Mentored student or fellow*

1. **Oates GR**, Stepanikova I, Gamble S, Gutierrez HH, Harris WT. Adherence to Airway Clearance Therapy in Pediatric Cystic Fibrosis: Socioeconomic Factors and Respiratory Outcomes. *Pediatr Pulmonol*. Oct 2015; 50(12):1244-52. PMID: PMC487169.
2. Stepanikova I and **Oates GR**. Dimensions of Racial Identity and Perceived Discrimination in Health Care. *Ethn Dis*. 2016;26(4):501-512. PMID: PMC5072479.
3. Stepanikova I, **Oates GR**, and Bateman LB. Does One Size Fit All? The Role of Body Mass Index and Waist Circumference for Systemic Inflammation in Midlife by Race and Gender. *Ethn Health*. 2016 Apr;22(2):169-183. PMID: PMC5495111.
4. Jackson BD, **Oates GR**, Singh KP, Shikany JM, Fouad MN, Partridge EE, Bae S. Disparities in Chronic Medical Conditions in the Mid-South. *Ethn Health*. 2016 Apr;22(2):196-208. PMID: PMC5396537.
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29. Martin R, Shan L, Geldmacher D, Pilonieta G, Kennedy R, **Oates GR**, Pisu M. Social Determinants of Alzheimer's Disease and Related Dementias: Racial and Regional Variations, *Innovation in Aging*, Vol 5, Suppl_1, 2021, p. 101.
30. Pisu M, Martin R, Shan L, Pilonieta G, Kennedy R, **Oates GR**, Geldmacher D. Health Care Utilization in Diverse Older Adults in the Deep South and the Rest of the United States, *Innovation in Aging*, Vol 5, Suppl_1, 2021, pp. 100-101.
31. Crivelli J, Redden D, Maalouf N, Wood K, Assimos D, **Oates GR**. Associations of Food Access and Neighborhood Walkability with Urinary Risk Factors for Kidney Stone Disease. *J Urology* 207 (S5), 2022, e445.
32. Parekh TM, Kim Y-I, Ramachandran R, Nassel A, Pasquale CB, Yates J, McCreary G, Dransfield MT, **Oates GR**. The Role of Neighborhood Factors in Emergency Department Utilization Among People with Chronic Obstructive Pulmonary Disease in the COPD Foundation's Patient-Powered Research Network. *Am J Respir Crit Care Med* 2022;205:A1012.
33. Regan EA, Lowe ME, Curtis JL, Wilson C, Casaburi R, Baldomero AK, Balasubramanian A, McCormack MC, Young KA, Kinney GL, **Oates GR**, Hoth KF, Diaz AA, Chen QG, Kim V, Make BJ, O'Brien JK, Crooks J, Westney GE, Lowe K, Hanania NA, Watts S, Conrad DJ, Amaza H, Bhatt SP, Fortis S, Marmay AJ, Putcha N, Foreman MG, Dransfield MT, Hansel NN, Demeo DL, Silverman EK, Crapo JD, Wise RA, COPD Gene Investigators. Race-Based Spirometry Under-Diagnoses COPD in African-American Smokers. *Am J Respir Crit Care Med* 2022;205:A1011.
34. Rowe SM, **Oates GR**, Baker E, Raju SV, Harris WT. ePS6. 08 Second-hand smoke exposure reduces the clinical efficacy of ivacaftor in G551D: results from the GOAL study. *J Cystic Fibros* 21(S2), June 2022, S60.

35. Baker EH, Gutierrez HH, Gamble S, **Oates GR**. Effect of an oscillatory positive expiratory pressure device on lung function change in children with cystic fibrosis. *J Cyst Fibros*, 21(S162), 2022.
36. **Oates GR**, Baker EH, Raju SV, Harris WT, Rowe SM. Tobacco smoke exposure reduces the clinical efficacy of ivacaftor: Results from the G551D Observational Trial *J Cyst Fibros*, 21(S81), 2022.
37. Bliton K, **Oates GR**. Vaping and vaping exposure in children, adolescents, and young adults with cystic fibrosis: Prevalence and outcomes. *J Cyst Fibros*, 21(S34-S35), 2022.
38. McWilliams E, Yablon D, Kesim R, Ge R, Donkoh A, Abdelnour M, George C, Muther E, **Oates GR**, Riekert K, Sathe M, Sawicki G, Snell C, Phillips M, Eaton C. A systematic review of behavioral change techniques in mobile health interventions for adherence or self-management: application to people with cystic fibrosis. *J Cyst Fibros*, 21(S179), 2022.

POSTER EXHIBITS

* *Mentored student or fellow*

1. **Oates GR**, Stepanikova I, Britton LJ, Gamble S, Harris WT. Socioeconomic Status, Adherence to Airway Clearance Therapy, and Respiratory Outcomes in Pediatric Patients with Cystic Fibrosis. Basic and Translational Research Symposium of the 2015 UAB Pulmonary and Critical Care Update, Apr 10, 2015.
2. Fouad MN, Acemgil A, Bae S, Forero A, Martin MY, **Oates GR**, Partridge EE, Vickers SM. Patient Navigation as a Model to Increase Minority Participation in Cancer Clinical Trials. American Society of Clinical Oncology Annual Meeting, May 29-Jun 2, 2015, Chicago, IL.
3. **Oates GR**, Stepanikova I, Gamble S, Gutierrez HH, Harris WT. Adherence to Airway Clearance Therapy: Socioeconomic Factors and Respiratory Outcomes. 29th Annual North American Cystic Fibrosis Conference, Oct 8-10, 2015, Phoenix, AZ.
4. **Oates GR**, Britton LJ, Gamble S, Mims C, Oster RA, Gutierrez HH, Harris WT. Impact of Socio-Environmental Factors on Initial Pulmonary Function Test in Pediatric Patients with Cystic Fibrosis. 11th Annual Health Disparities Research Symposium, Apr 21, 2016, Birmingham, AL.
5. Jackson BE, **Oates GR**, Singh KP, Shikany J, Fouad MN, Partridge EE, Bae S. Disparities in Chronic Medical Conditions in the Mid-South: a Socio-Demographic Approach. 11th Annual Health Disparities Research Symposium, Apr 21, 2016, Birmingham, AL.
6. **Oates GR**, Britton LJ, Gamble S, Mims C, Oster RA, Gutierrez HH, Harris WT. Impact of Socio-Environmental Factors on Initial Pulmonary Function Test in Pediatric Patients with Cystic Fibrosis. American Thoracic Society 2016 International Conference, May 13-18, 2016, San Francisco, CA.
7. Bateman LB, Eady S, **Oates GR**, Schoenberger Y, Bae S, Fouad M. Assessing the Effectiveness of a Six-Week After School Intervention for Healthy Eating and Physical Activity. American Public Health Association 2016 Annual Meeting & Expo, Oct 29–Nov 2, 2016, Denver, CO.
8. **Oates GR**, Hamby BW, Stepanikova I, Knight SJ, Bhatt SP, Hitchcock J, Schumann C, Dransfield MT. Social Determinants of Adherence to Pulmonary Rehabilitation. Basic and Translational Research Symposium of the 2017 Pulmonary and Critical Care Update, Apr 28, 2017, Birmingham, AL.
9. **Oates GR**, Hamby BW, Norena MC, Hart HO, Fouad MN. Individual and Neighborhood Determinants of Bikeshare Use in Urban Communities. UAB Health Disparities Research Symposium, May 3, 2017, Birmingham, AL.
10. **Oates GR**, Hamby BW, Stepanikova I, Knight SJ, Bhatt SP, Hitchcock J, Schumann C, Dransfield MT. Individual and Neighborhood Determinants of Adherence to Pulmonary Rehabilitation in Chronic Obstructive Pulmonary Disease. COPD10USA Conference, Jul 28-29, 2017, Chicago, IL.

11. **Oates GR**, Baker E, Zhu A, Stepanikova I, Britton LJ, Gamble S, Harris WT. Impact of Socio-Environmental Factors on Lung Function in Pediatric Cystic Fibrosis. UAB School of Medicine Research Roundtable, Mar 13, 2018.
12. **Oates GR**, Stepanikova I, Thon V. Perinatal Maternal Stress and Susceptibility to Common Infections in Later Childhood. UAB School of Medicine Research Roundtable, Mar 13, 2018, Birmingham, AL.
13. Bateman LB, **Oates GR**, Schoenberger YM, Eady S, Bae S, Osborne T, Fouad MN. A Mixed-Methods Examination of a Short-term After School Nutrition and Physical Activity Intervention Aimed at Low Income, African American Elementary Students. 13th Annual UAB Health Disparities Research Symposium, Mar 19, 2018, Birmingham, AL.
14. Zhu A, Harris WT, Stepanikova I, Britton LJ, Gamble S, **Oates GR**. Impact of Tobacco Smoke Exposure on Pulmonary Function in Pediatric Cystic Fibrosis. 13th Annual UAB Health Disparities Research Symposium, Mar 19, 2018, Birmingham, AL.
15. **Oates GR**, Baker E, Stepanikova I, Vasku J, Klanova J, Svancara J. Stressful Life Events Predict Increased Consumption of Sweets in Adolescence: Longitudinal Analysis of a Prospective Cohort. Society of Behavioral Medicine 39th Annual Meeting, Apr 12, 2018, New Orleans, LA.
16. Zhu A, Stepanikova I, Baker E, Vasku J, Thon V, **Oates GR**. Perinatal Maternal Stress and Susceptibility to Infections in Later Childhood: An Early Life Programming Perspective. Society of Behavioral Medicine 39th Annual Meeting, Apr 12, 2018, New Orleans, LA.
17. Baker E, Stepanikova I, **Oates GR**, Vasku J, Klanova J. Stress and Diet in Adolescence: Longitudinal Study of a Prospective Birth Cohort. Population Association of America 2018 Annual Meeting, Apr 26–28, 2018, Denver, CO.
18. Bateman LB, **Oates GR**, Simoni Z, Fouad MN. Using Photovoice to Explore Social Determinants of Obesity in Two Underserved Communities in the Southeast. American Sociological Association Annual Meeting, Medical Sociology Roundtable Session, Aug 11-14, 2018, Philadelphia, PA.
19. Mims C, Gamble S, Hines L, Villari K, Hoover W, Thomas L, **Oates GR**. Increasing Documentation of Reliable PFT. North American CF Conference, Oct 18-20, 2018, Denver, CO.
20. Zhu A, Gamble S, Harris WT, **Oates GR**. Adherence to Airway Clearance with High Frequency Chest Wall Oscillation and Change in Lung Function Three Years Later. North American CF Conference, Oct 18-20, 2018, Denver, CO.
21. **Oates GR**, Gamble S, Gutierrez HH, Rowe SM, Harris WT. Self-reported vs Objective Adherence to Airway Clearance Therapy in Pediatric CF. North American CF Conference, Oct 18-20, 2018, Denver, CO.
22. **Oates GR**, Baker E, Zhu A, Rowe SM, Gutierrez HH, Thomas LJ, Harris WT. Tobacco Smoke Exposure and Income as Independent Predictors of Pulmonary Decline in Pediatric CF. North American CF Conference, Oct 18-20, 2018, Denver, CO.
23. Tarn V, Self S, Anderson V, **Oates GR**, Gutierrez H. Improving Nutritional Outcomes of Patients with CF by Home Delivery of Snack Boxes. North American CF Conference, Oct 18-20, 2018, Denver, CO.
24. Zhu A, Harris WT, Gutierrez HH, Gamble S, **Oates GR**. Adherence to Airway Clearance Therapy and Change in Lung Function in Pediatric CF. 4th Annual Pediatric Science Day, Mar 21, 2019, Birmingham, AL.
25. Dey S,* Zhu A, Harris WT, Gutierrez HH, **Oates GR**. Socioeconomic Risk Factors for Methicillin Resistant Staphylococcus Aureus (MRSA) Infection in Pediatric Patients with Cystic Fibrosis. 4th Annual Pediatric Science Day, Mar 21, 2019, Birmingham, AL.
26. Dey S,* Zhu A, Harris WT, Gutierrez HH, **Oates GR**. Socioeconomic Risk Factors for Methicillin Resistant Staphylococcus Aureus (MRSA) Infection in Pediatric Patients with Cystic Fibrosis. UAB Health Disparities Research Symposium, Apr 18, 2019, Birmingham, AL.

27. Lock L,* Eddy M,* Richey C,* Gaston L,* Moulin J,* Zhu A, Tarn V, **Oates GR**. Association between Unmet Social Needs and Child's Pulmonary Health Outcomes. UAB Health Disparities Research Symposium, Apr 18, 2019, Birmingham, AL.
28. **Oates GR**, Molina AL, Molina Y, Zhu A, Wu CL, Walley SC. Residential instability and neighborhood deprivation as risk factors for pediatric asthma outcomes. ATS International Conference, May 20, 2019, Dallas, TX.
29. **Oates GR**, Stepanikova I, Baker E, Regan EA, Lowe KE, Putcha N, DeMeo DL, Parekh T, Dransfield MT; the COPDGene investigators. Association between Socioeconomic Position and Health-Related Quality of Life in Chronic Obstructive Pulmonary Disease. ATS International Conference, May 22, 2019, Dallas, TX.
30. **Oates GR**, Harris WT, Baker E, Gutierrez HH, Schechter MS, Morgan WJ, Rowe SM. Association of Tobacco Smoke Exposure and Household Income with Lung Function in Pediatric Cystic Fibrosis: A Longitudinal Analysis. North American CF Conference, Oct 31–Nov 2, 2019, Nashville, TN.
31. **Oates GR**, Dunn KM, Frederick CA, Hall S, Maggs J, Niranjana S. Managing Daily Life with Cystic Fibrosis: Exploration of Patient and Parent Perspectives. North American CF Conference, Oct 31–Nov 2, 2019, Nashville, TN.
32. Gutierrez HH, Gamble S, Rutland S, **Oates GR**. Effect of Aerobika®, an Oscillatory Positive Expiratory Pressure Device, on Lung Function in Pediatric Cystic Fibrosis Patients: A Longitudinal Analysis. North American CF Conference, Oct 31–Nov 2, 2019, Nashville, TN.
33. Gutierrez HH, **Oates GR**, Harris WT, Hoover WC, Rowe SM. Area Deprivation as a Risk Factor for Methicillin-resistant *Staphylococcus Aureus* Infection in Pediatric Cystic Fibrosis. North American CF Conference, Oct 31–Nov 2, 2019, Nashville, TN.
34. **Oates GR**, Rutland SB, Friedman A,* Hampton J,* Magruder T. Screening for Unmet Basic Needs in a Pediatric Pulmonary Clinic: Feasibility and Association with Health Outcomes. Pediatric Academic Societies Meeting, May 2-5, 2020, Philadelphia, PA.
35. **Oates GR**, Baker E, Rowe SM, Rutland SB, Fowler CM, Harris WT. Tobacco Smoke Exposure Limits the Therapeutic Benefit of a CFTR Modulator in Pediatric Patients with Cystic Fibrosis. American Thoracic Society International Conference, May 15-20, 2020, Philadelphia, PA.
36. **Oates GR**, Rutland SB, Magruder T. Unmet Basic Needs Are Associated With Pediatric Pulmonary Outcomes. American Thoracic Society International Conference, May 15-20, 2020, Philadelphia, PA.
37. Sewell J,* Truitt N,* Nelson K,* Ziemba T,* Hellings W,* Tarn V, Geurs R, Rutland SB, **Oates GR**. Smoking, Vaping, and Cannabis Use among Pediatric Pulmonary Patients. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.
38. Friedman A,* Hampton J,* Rutland SB, Magruder T, **Oates GR**. Electronic Screening for Unmet Basic Needs in a Pediatric Pulmonary Clinic. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.
39. Friedman A,* Hampton J,* Rutland SB, Juarez L, **Oates GR**. Association of Area Deprivation Index and Child Health Index with Pediatric Cystic Fibrosis Outcomes. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.
40. Hampton J,* Friedman A,* Rutland SB, Bergquist RP, Hager A, Geurs R, Mims C, Gutierrez HH, **Oates GR**. Clinical Adoption of a Mobile Health Technology to Support Self-Management of Pediatric Cystic Fibrosis. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.
41. Hampton J,* Friedman A,* Gamble S, Rutland S, Gutierrez HH, **Oates GR**. Effect of Aerobika®, an Oscillatory Positive Expiratory Pressure (OPEP) Device, on Lung Function in Pediatric Cystic Fibrosis Patients: A Longitudinal Analysis. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.

42. Fowler CM, Rutland SB, Baker E, Rowe SM, Harris WT, **Oates GR**. Tobacco smoke exposure limits the benefit of a CFTR modulator therapy in pediatric CF patients: CF Foundation Patient Registry analysis. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.
43. Rutland SB, Niranjan S, Ott C, Scarinci IC, Harris WT, Walley SC, **Oates GR**. Tobacco Smoke Exposure in Pediatric Cystic Fibrosis: A Qualitative Examination of Clinicians' and Caregivers' Perspectives. 5th Annual UAB Pediatric Science Day, April 9, 2020, Birmingham, AL.
44. **Oates GR**, Baker E, Rutland SB, Harris WT, Rowe SM. Cessation of smoke exposure improves pediatric CF outcomes: Longitudinal analysis of CF Foundation Patient Registry data. North American CF Conference, Oct 7–23, 2020.
45. **Oates GR**, Baker E, Rutland SB, Harris WT, Rowe SM. Tobacco Smoke Exposure Limits the Therapeutic Benefit of Tezacaftor-Ivacaftor in Pediatric Patients with Cystic Fibrosis. North American CF Conference, Oct 7–23, 2020.
46. Rutland SB, Juarez LD, Schechter MS, **Oates GR**. The Association of Area Deprivation and Overall Child Health with Pediatric CF Respiratory Outcomes in the United States. North American CF Conference, Oct 7–23, 2020.
47. Rutland SB, Bergquist R, Hager A, Geurs R, Mims C, Gutierrez HH, **Oates GR**. Adaptation of an mHealth application (Genia) to the needs of CF patients, caregivers, and clinicians in the United States. North American CF Conference, Oct 7–23, 2020.
48. Bailey J, Juarez LD, Rutland SB, **Oates GR**. Prevalence and correlates of overweight and obesity in a national cohort of children and adolescents with cystic fibrosis. North American CF Conference, Oct 7–23, 2020.
49. Self ST, Rutland SB, **Oates GR**, Gutierrez HH. Optimizing Newborn Screening for Cystic Fibrosis in the State of Alabama: A Quality Improvement Project. North American CF Conference, Oct 7–23, 2020.
50. Frederick CA, Dunn KM, Green A, Hall S, Lindwall J, Maggs J, Moffett K, Phan H, Prickett M, Saavedra MT, **Oates GR**. Perspectives of the CF Community on Research Ideas Related to Self-Management and Adherence. North American CF Conference, Oct 7–23, 2020.
51. Dickinson KM, Eckmann T, Quittner AL, Butcher JL, **Oates GR**, Prickett M, Schechter MS, Riekert KA. Socioeconomic Status Effects on Adherence Barriers to Chronic Therapies in CF. North American CF Conference, Oct 7–23, 2020.
52. Hampton J,* Rutland SB, Geurs R, Mims C, Bergquist RP, Hager A, Gutierrez HH, **Oates GR**. A Mobile Health Platform for Self-management of Pediatric Cystic Fibrosis: Impact on Patient-reported Outcomes and Patient-centered Care. 6th Annual UAB Pediatric Science Day, March 25, 2021, Birmingham, AL.
53. Fowler CM, Baker E, Harris WT, Collaco JM, Rowe SM, **Oates GR**. Cessation of Smoke Exposure Improves Pediatric CF Outcomes: Longitudinal Analysis of CF Foundation Patient Registry Data. 6th Annual UAB Pediatric Science Day, March 25, 2021, Birmingham, AL.
54. Pilonieta G, Pisu M, Martin RC, Shan L, Kennedy RE, **Oates GR**, Kim Y, Geldmacher DS. Factors influencing medication adherence among US Medicare beneficiaries with Alzheimer's disease and related dementia (ADRD). 2021 Alzheimer's Association International Conference, July 26, 2021.
55. Pisu M, Martin RC, Shan L, Pilonieta G, Kennedy RE, **Oates GR**, Kim Y, Geldmacher DS. Dementia care in diverse older adults in the Deep South and the rest of the US. 2021 Alzheimer's Association International Conference. July 26, 2021.
56. Crivelli J, Maalouf N, Yan P, Hughes A, His R, Canvasser N, Kachroo N, Leavitt D, Wood K, **Oates GR**, Hollingsworth J, Assimos D. Trends in the influence of gender, race, and ethnicity on the prevalence of kidney stones: A multi-institutional and claims analysis. American Urological Association Annual Meeting, Sep 10-13, 2021, Las Vegas, NV.

57. **Oates GR**, Rutland SB, Geurs R, Mims C, Bergquist RP, Hager A, Gutierrez HH. A Mobile Health Platform for Pediatric Cystic Fibrosis: Impact on Patient-Reported Outcomes and Patient-Centered Care. North American CF Conference, Nov 2–5, 2021.
58. Bailey J, Brown G, Clemm C, Corbera-Hincapie M, Durham D, **Oates GR**, Reno K, Sapp S, Schechter M, Robinson K. Food Insecurity in the Cystic Fibrosis Care Center Network during COVID-19: Prevalence, Screening, and Interventions. North American CF Conference, Nov 2–5, 2021.
59. Bliton K,* **Oates GR**. Vaping and Vaping Exposure in Children, Adolescents, and Young Adults with Cystic Fibrosis: Prevalence and Outcomes. UAB Cystic Fibrosis Research Center, Trainee Poster Day. November 16, 2021, Birmingham, AL.
60. Bliton K,* Baker E, Raju SV, Harris WT, Rowe SM, **Oates GR**. Association between urinary biomarkers of tobacco smoke exposure and response to ivacaftor in the G551D Observational Trial (GOAL). UAB Pediatric Science Day, March 3, 2022, Birmingham, AL.
61. Parekh TM, Kim Y, Ramachandran R, Nassel A, Pasquale CB, Yates J, McCreary G, Dransfield MT, **Oates GR**. The Role of Neighborhood Factors in Emergency Department Utilization Among People with Chronic Obstructive Pulmonary Disease in the COPD Foundation's Patient-Powered Research Network. ATS International Conference, May 15, 2022, San Francisco, CA.
62. Regan EA, Lowe ME, Curtis JL, Wilson C, Casaburi R, Baldomero AK, Balasubramanian A, McCormack MC, Young KA, Kinney GL, **Oates GR**, Hoth KF, Diaz AA, Chen Q, Kim V, Make BJ, O'Brien JK, Crooks J, Westney GE, Lowe K, Hanania NA, Watts S, Conrad DJ, Amaza H, Bhatt SP, Fortis S, Marmay AJ, Putcha N, Foreman MG, Dransfield MT, Hansel NN, Demeo DL, Silverman EK, Crapo JD, Wise RA, for the COPDGene Investigators. Race-Based Spirometry Under-Diagnoses COPD in African-American Smokers. ATS International Conference, May 15, 2022, San Francisco, CA.
63. Davis S, Jaser SS, Ivankova N, **Oates GR**, Kaulfers AM, Rice M. Stress in children with T1D: Quantitative findings from a mixed methods study. Council for the Advancement of Nursing Science State of the Science Conference, September 15-17, 2022, Washington, DC.
64. **Oates GR**, Baker E, Raju SV, Harris WT, Rowe SM. Tobacco smoke exposure reduces the clinical efficacy of ivacaftor: Results from the G551D observational trial (GOAL). North American CF Conference, Nov 3-5, 2022, Philadelphia, PA.
65. Baker EH, Gutierrez HH, Gamble S, **Oates GR**. Effect of Aerobika®, an Oscillatory Positive Expiratory Pressure (OPEP) Device, on Lung Function Change in Pediatric Patients with Cystic Fibrosis. North American CF Conference, Nov 3-5, 2022, Philadelphia, PA.
66. Bliton K,* **Oates GR**. Vaping and Vaping Exposure in Children, Adolescents, and Young Adults with Cystic Fibrosis: Prevalence and Outcomes. North American CF Conference, Nov 3-5, 2022, Philadelphia, PA.
67. **Oates GR**, Geurs R, Mims C, Gamble S, Baker E, Woods BM, Coleman E, Rowe SM, Ladores S. Clinical Effort Against Smoke Exposure in CF (CEASE-CF): Feasibility, Acceptability, and Preliminary Efficacy. American Thoracic Society International Conference, May 19-24, 2023 Washington, D.C.
68. **Oates GR**, Baker EH, Juarez LD, Blair J, Brooks M, Hossain M, Nassel A, Parekh T, Mkorombindo T, Dransfield MT. Neighborhood Social Vulnerability and Lung Function Decline in Chronic Obstructive Pulmonary Disease: Longitudinal Analysis of Electronic Medical Records Data. American Thoracic Society International Conference, May 19-24, 2023 Washington, D.C.
69. **Oates GR**, Baker EH, Juarez LD, Blair J, Brooks M, Hossain M, Nassel A, Parekh T, Mkorombindo T, Dransfield MT. The Contribution of Social and Environmental Factors for Lung Function Decline in Chronic Obstructive Pulmonary Disease: Longitudinal Analysis of Electronic Medical Records Data. American Thoracic Society International Conference, May 19-24, 2023 Washington, D.C.

70. **Oates GR**, Niranjani SJ, Woods BM, Coleman E, Geurs R, Ladores S. "It was all tailored around me": Qualitative evaluation of Clinical Effort Against Smoke Exposure in Cystic Fibrosis (CEASE-CF). 46th European CF Conference, June 7-10, 2023, Vienna, Austria.

ORAL PRESENTATIONS

Scientific papers presented at national and international meetings

1. Adherence to Airway Clearance Therapy: Socioeconomic Factors and Respiratory Outcomes. Junior Investigators Best Abstract in Clinical Research Award Session. 29th Annual North American Cystic Fibrosis Conference, Oct 8-10, 2015, Phoenix, AZ.
2. Social Determinants of Adherence to Pulmonary Rehabilitation in COPD: A Mixed Methods Study. *Improving Diagnosis, Care Quality, and Adherence in COPD Mini Symposium*, ATS International Conference, May 23, 2018, San Diego, CA.
3. Impact of tobacco smoke exposure on pulmonary function in pediatric cystic fibrosis. Presented in the session, "Which factors influence outcomes from newborn to adulthood?" European CF Society 41st European Cystic Fibrosis Conference, Jun 6–9, 2018. Belgrade, Serbia.
4. Tobacco Smoke Exposure and Socioeconomic Factors Are Independent Predictors of Pulmonary Decline in Pediatric Cystic Fibrosis. 33rd Annual North American CF Conference, Nov 2, 2019, Nashville, TN.
5. Association of Area Deprivation Index and Child Health Index with Pediatric Cystic Fibrosis Outcomes. Pediatric Academic Societies Meeting, May 2-5, 2020, Philadelphia, PA.
6. Tobacco Smoke Exposure Limits the Benefit of Symdeko in Pediatric CF patients: CF Foundation Patient Registry analysis. 43rd European CF Conference. June 3-6, 2020, Lyon, France.
7. mHealth Platform for Self-management of Pediatric Cystic Fibrosis: Impact on Patient-reported Outcomes and Patient-centered Care. Pediatric Academic Societies 2021 Meeting. May 3, 2021.
8. Second-hand smoke exposure reduces the clinical efficacy of ivacaftor in G551D: results from the GOAL study. 45th European CF Conference. June 8-11, 2022, Rotterdam, The Netherlands.
9. Tobacco smoke exposure reduces the clinical efficacy of ivacaftor: Results from the G551D observational trial (GOAL). 36th Annual North American CF Conference, Session: W02 Pulmonary Potpourri. November 3, 2022, Philadelphia, PA.
10. "I Eat Chocolate Milk for Dinner Because We Just Have Nothing in Our Fridge": The Invisible Burden and Dire Consequences of Food Insecurity for People with Cystic Fibrosis in the United States. American Thoracic Society International Conference, May 19-24, 2023, Washington, D.C.
11. Clinical Effort Against Smoke Exposure in CF (CEASE-CF): Feasibility, Acceptability, and Preliminary Efficacy. 46th European CF Conference, June 7-10, 2023, Vienna, Austria.

Scientific papers presented at local and regional meetings

1. Adherence to Therapy in Cystic Fibrosis: Socioeconomic Factors and Respiratory Outcomes. UAB DOPM Grand Rounds, Dec 14, 2015, Birmingham, AL.
2. Not as Free as You May Think: Social Determinants of Adherence. UAB Center for Aids Research (CFAR) Adherence Working Group, Feb 8, 2017, Birmingham, AL.
3. Effective Grant Proposals: Grant Writing Workshop for Junior Faculty, UAB CCTS Training Interdisciplinary, Emerging Research Scholars (TIERS) Seminar. Feb 9, 2017, Birmingham, AL.
4. Social Determinants of Adherence to Pulmonary Rehabilitation in COPD: Work in Progress. UAB CCTS Training Interdisciplinary, Emerging Research Scholars (TIERS) Seminar. Feb 9, 2017, Birmingham, AL.

5. Individual and Neighborhood Determinants of Adherence to Pulmonary Rehabilitation for COPD. UAB Health Disparities Research Symposium, May 3, 2017, Birmingham, AL.
6. Six Degrees of Separation: Social and Behavioral Science and Respiratory Health. UAB Department of Medicine, Pulmonary Grand Rounds. May 4, 2017, Birmingham, AL.
7. Adherence to Pulmonary Rehabilitation for COPD: What Do the Patterns Tell Us? UAB Center for Aids Research (CFAR) Adherence Working Group, May 10, 2017, Birmingham, AL.
8. Social Determinants of Adherence to Pulmonary Rehabilitation in COPD. Mid-South TCC meeting, Jun 29, 2017, Biloxi, MS.
9. When the Variables You Need Are Not There: Linking Individual-Level with Neighborhood Data. UAB Division of Preventive Medicine Grand Rounds, Sep 11, 2017, Birmingham, AL.
10. Pathways to Disparity: Social Determinants, Adherence, and Lung Health. UAB Department of Pediatrics, Aug 9, 2017, Birmingham, AL.
11. Stressful Life Events and Diet in Adolescence: Findings from the ELSPAC Birth Cohort. Presentation at the Intensive Course in Pediatric Nutrition, UAB Department of Pediatrics, Feb 22, 2018, Birmingham, AL.
12. Social Risk Factors for Medication Adherence: Findings from the REGARDS Study. 13th Annual UAB Health Disparities Research Symposium, Mar 19, 2018, Birmingham, AL.
13. Stress and Child Health: Evidence from the European Longitudinal Study of Pregnancy and Childhood. UAB Secondary Data Analysis Seminar Series, Apr 5, 2018, Birmingham, AL.
14. Longitudinal Impact of Tobacco Smoke Exposure on Pulmonary Decline in Pediatric Cystic Fibrosis. Child Health Investigative Forum, UAB Department of Pediatrics, Apr 6, 2018, Birmingham, AL.
15. Improving Adherence to Pulmonary Rehabilitation by Addressing Social Determinants of the Adherence Behavior. Coordinated Works in Progress (WIP) Seminars in Health Services, Outcomes, and Policy Research, May 17, 2018, Birmingham, AL.
16. Tobacco Smoke Exposure and Household Income as an Independent Predictors of Pulmonary Decline in Pediatric Cystic Fibrosis. Presented in the Health Disparities session of the Southern Sociological Society Annual Meeting, Apr 11, 2019, Atlanta, GA.
17. Association between Socioeconomic Position and Health-Related Quality of Life in Chronic Obstructive Pulmonary Disease. UAB Health Disparities Research Symposium, Apr 18, 2019, Birmingham, AL.
18. Reducing tobacco smoke exposure in pediatric cystic fibrosis: A qualitative examination of clinician and caregiver perspectives. University of Alabama System Behavioral Health Symposium, Oct 28, 2019, Birmingham, AL.
19. Technology enabled PSS for self-management of pediatric cystic fibrosis. UAB Department of Pediatrics Works in Progress forum, July 10, 2020, Birmingham, AL.
20. Tobacco smoke exposure in cystic fibrosis: The case for clinical intervention. UAB Cystic Fibrosis Research Center, December 8, 2020, Birmingham, AL.
21. Clinical Effort Against Smoke Exposure (CEASE CF). UAB Pediatric Pulmonary Division State of the Art presentation, January 22, 2021, Birmingham, AL.
22. Screening for Social Risk Factors: Real-time use of the Area Deprivation Index. Children's of Alabama 2nd Annual Safety and Quality Day, October 28, 2021, Birmingham, AL.

Invited presentations at international meetings

1. Scientific Writing for Grants and Publications. United States–Egypt Translational Cancer Research Forum. March 27–Apr 2, 2014, Alexandria, Egypt.
2. Screening for Social Determinants of Health in a Pediatric CF Center: Feasibility and Association with CF Outcomes. 33rd Annual North American CF Conference, Nov 1, 2019, Nashville, TN.

3. Tobacco Smoke Exposure Limits the Therapeutic Benefit of Tezacaftor-Ivacaftor in Pediatric Patients with Cystic Fibrosis. Special Session: Best of *Journal of Cystic Fibrosis, The Lancet Respiratory Medicine, European Respiratory Journal*. 44th European Cystic Fibrosis Conference, June 10, 2021 (virtual).
4. Impact of Tobacco Smoke Exposure on CFTR Modulator Therapy. 20th Après-Midi Romande de Mucoviscidose, March 17, 2022, Neuchâtel, Switzerland (virtual).
5. The Social Determinants of Chronic Disease. Invited lecture to the course, *Introduction to Non-Communicable Diseases*, April 24, 2023, Alamein International University, Alamein, Egypt (virtual).
6. Socioeconomic Factors and Outcomes in People with Cystic Fibrosis. Invited presentation at the Symposium Session, *Social and Environmental Influences on CF Health: Where You Live Matters*. 36th Annual North American CF Conference, Phoenix, AZ. November 4, 2023

Invited presentations at national meetings and at other universities

1. Quality Improvement through Family Advisory Boards. 2008 North American Cystic Fibrosis Conference, Orlando, FL.
2. Quality Improvement through Patient-Centered Care. Institute for Healthcare Improvement, 2009.
3. Review and Selection of Pilot Research Projects: What Have We Learned? National Transdisciplinary Center for African American Men's Health Conference, Sep 31–Oct 2, 2013, Minneapolis, MN.
4. Successful Grant Writing for Health Disparities Research. NIH/National Institute for Minority Health and Health Disparities Grantees' Conference, December 1-3, 2014, National Harbor, MD.
5. Maternal and Child Health Disparities. Invited conference presentation at "The ABCs of Health Disparities," University of Texas Health Sciences Center, Oct 4-5, 2018, Tyler, TX.
6. The Success with Therapies Research Consortium (STRC). The CF Foundation 2022 ResearchCon, April 7-9, 2022 (virtual).
7. All Hands: The RADx-UP Working Groups. The RADx-UP Research Consortium, Community Engagement Core, October 18, 2022 (virtual).
8. NIH Workshop on Housing and Obesity: Gaps, Opportunities, and Future Directions for Advancing Health Equity. Session A: Housing and Multi-level Neighborhood Context/Built environment Initiatives, Nov. 14-15, 2022 (virtual).

Invited presentations at local and regional courses and meetings

1. Self-Management in Chronic Disease. Cystic Fibrosis Provider Education Day, Children's of Alabama, Sep 11, 2009, Birmingham, AL.
2. Grant Writing for Pulmonary Health Research. UAB Pediatric Pulmonary Center Training Program, Jan 28, 2015, Birmingham, AL.
3. Preparing for Your First BIG Extramural Grant: Panel Discussion by Recent T & K Scholars. UAB-VA Health Services, Outcomes, and Effectiveness Research Training Program, Dec 1, 2017, Birmingham, AL.
4. Professional Seminar for the PhD Program in Medical Sociology. UAB Department of Sociology, Mar 9, 2022, Birmingham, AL.
5. Social Determinants of Health: Meanings, Misunderstandings, and the Dunning-Kruger Effect. UAB Center for Outcomes and Effectiveness Research and Education (COERE) Friday Fellows, Mar 18, 2022, Birmingham, AL.
6. Integrating Data for Engaged Care (IDEa): If you build it, will they use it? UAB Center for Outcomes and Effectiveness Research and Education (COERE) Works in Progress, Apr 19, 2022, Birmingham, AL.

7. Health Disparities Research. UAB Department of Pediatrics, Combined Fellows Conference, Apr 21, 2022, Birmingham, AL.
8. Social Determinants of Health: Concepts, Tools, and Resources for Cancer Outcomes Research. UAB Virtual Cancer Outcomes Seminar, Feb 22, 2023, Birmingham, AL.
9. Social Determinants of Health: Considerations for Patient-Centered Outcomes Research. HIV Care Connect, All Grantee Meeting, Mar 8, 2023, Birmingham, AL.
10. Social Determinants of Health: Concepts, Tools, and Resources for Health Services Research. Department of Surgery Health Services Research Meeting, Mar 17, 2023, Birmingham, AL.

MISCELLANEOUS

Syllabi, courses, and educational content

1. Scientific Writing course, Summer Enrichment Program, UAB Minority Health and Health Disparities Research Center, 2009–2015.
2. Breakthroughs in CF Technology. *eCystic Fibrosis Review*, 2020 Special Edition. Johns Hopkins School of Medicine, Office of Continuing Medical Education, in collaboration with DKBmed, 2020. Available at: <https://elit.dkbmed.com/issues/58>
3. Place and Health: Video Content for the Graduate Medical Education (GME) Health Disparities Academy, 2021-22. Available at: <https://www.uab.edu/humanresources/home/learndev/online-learning>

Newspaper articles and media

1. Money and Insurance Worries Deeply Affect CF Outcomes in US, Experts Say, by Larry Luxner. *Cystic Fibrosis News Today*, Feb 12, 2019. Available at: <https://cysticfibrosisnewstoday.com/2019/02/12/money-insurance-worries-deeply-affect-cf-outcomes-experts-warn>
2. Secondhand smoke exposure in kids with cystic fibrosis may impact treatment efficacy, researchers suspect. *Inside Pediatrics*, Aug 2019. Available at: <https://insidepeds.org/2019/08/20/secondhand-smoke-exposure-in-kids-with-cystic-fibrosis-may-impact-treatment-efficacy-researchers-suspect>
3. Tobacco smoke exposure and socioeconomic factors are independent predictors of pulmonary decline in pediatric cystic fibrosis. *CF Research News*, Feb 2020. Available at: https://www.ecfs.eu/sites/default/files/cf-research-article-files/JCF-D-19-00431R1_FINAL_Oates_100520.pdf
4. What profiles of New York City coronavirus patients say about social inequality, by Annalisa Merelli. *Quartz*, May 2, 2020. Available at: <https://qz.com/1848058/what-profiles-of-new-york-city-coronavirus-patients-say-about-social-inequality>
5. Your ZIP code is a risk factor for COVID-19: Study will identify where testing, therapies are needed most, by Matt Windsor. *UAB Reporter*, Oct 19, 2020. Available at: <https://www.uab.edu/reporter/research/discoveries-innovations/item/9297-your-zip-code-is-a-risk-factor-for-covid-19-study-will-identify-where-testing-therapies-are-needed-most>
6. Using mobile health to improve cystic fibrosis care. *Inside Pediatrics*, Oct 26, 2020. Available at: <https://insidepeds.org/2020/10/26/using-mobile-health-to-improve-cystic-fibrosis-care/>
7. Tobacco smoke exposure limits the therapeutic benefit of tezacaftor/ivacaftor in pediatric patients with cystic fibrosis. *CF Research News*, Oct 2020. Available at: https://www.ecfs.eu/sites/default/files/cf-research-article-files/JCF-D-20-00179R1_FINAL_Oates_311020.pdf
8. Stopping exposure to smoke improves breathing and nutritional outcomes in children and adolescents with cystic fibrosis. *CF Research News*, Jul 2021. Available at:

https://www.ecfs.eu/sites/default/files/cf-research-article-files/JCF-D-20-00578R1_FINAL_Oates_220821.pdf

9. Alabama CEAL Study Finds Evidence of Vaccine Hesitation Due to Mistrust – *News. 6Park News*, Nov 19, 2021. Available at: <https://6park.news/alabama/alabama-ceal-study-finds-evidence-of-vaccine-hesitation-due-to-mistrust-news.html>
10. Alabama CEAL study finds evidence of vaccine hesitation due to mistrust. *UK Today News*, Dec 1, 2021. Available at: <https://webcache.googleusercontent.com/search?q=cache:9mq1asOc-DwJ:https://todayuknews.com/health/alabama-ceal-study-finds-evidence-of-vaccine-hesitation-due-to-mistrust/+&cd=51&hl=en&ct=clnk&qI=us>
11. RESPECT-UP grant looks at multiple factors surrounding COVID-19 testing in underserved communities. *UAB News*, Feb 9, 2022. Available at: <https://www.uab.edu/news/campus/item/12610-respect-up-grant-looks-at-multiple-factors-surrounding-covid-19-testing-in-underserved-communities>
12. Honoring Black history and confronting health disparities. UAB Heersink School of Medicine, Message from the Dean, Feb 16, 2022. Available at: <https://www.uab.edu/medicine/dean/117-posts/151-honoring-black-history-and-confronting-health-disparities>.
13. Smoking Exposure Can Limit Effectiveness of Kalydeco. *Cystic Fibrosis News Today*, Nov 4, 2022. Available at: [#NACFC2022 – Smoking Exposure Limits Kalydeco's Effectiveness: Study | Smoke-exposed Patients Reap Less Benefit From Kalydeco in Study | Cystic Fibrosis News Today](#)