

Curriculum Vitae

Version Date: 06/02/2021

Name: Ceceila Calhoun, MD, MSPH, MBA

Proposed for: Assistant Professor of Medicine (Hematology) and Assistant Professor of Pediatrics (Hematology/Oncology) at Yale Cancer Center and Smilow Cancer Hospital

Term: July 1, 2021- June 30, 2026

School: Yale School of Medicine

Education

- 2006- BA, Afro American Studies, University of Michigan, Ann Arbor, MI
- 2011- MD, Wayne State University, Detroit, Michigan
- 2017- MPHS, Washington University in St Louis, St Louis, Missouri
- 2019-2021 MBA, Yale University School of Management, New Haven, Connecticut
- 2011-2014 Pediatric Resident, Grand Rapids Medical Education Partners-Michigan State University, Grand Rapids, Michigan
- 2014 - 2017 Clinical Fellow, Washington University School of Medicine, St Louis, Missouri
- 2017 - 2018 Clinical Research Training Institute, American Society of Hematology, Washington D.C.
- 2018 - 2018 Saunders-Watkins Leadership Workshop, National Institutes of Health, Bethesda, MD
- 2018 - 2018 Advocacy Leadership Institute, American Society of Hematology, Washington D.C.

Career/Academic Appointments:

- 2014-2017 Clinical Fellow, Hematology and Oncology, Washington University in St. Louis, St. Louis, MO
- 2017–2020 Instructor in Pediatrics, Hematology and Oncology, Washington University in St. Louis, St. Louis, MO
- 2020-2021 Assistant Professor in Pediatrics, Hematology and Oncology, Washington University in St. Louis, St. Louis, MO

Medical Licensure and Certifications

- 2015- Missouri State Board of Registration for the Healing Arts #2015030411
- 2017- American Board of Pediatrics #118797

Editorial Responsibilities

Editorial Reviews

- 2019 - Pres Journal of Clinical Medicine
 Reviewer for the special issue "Sickle Cell Anemia: From Genetic Epidemiology to New
 Therapeutic Strategies"
- 2020 - Pres JAMA Network Open

National Panels, Committees

- 2016 - 2017 Co-Chair NIH NHLBI Sickle Cell Disease Implementation Consortium-Needs Assessment
 Subcommittee
- 2018 - 2021 Trainee Representative, American Society of Hematology Clinical Research Training
 Institute Steering Subcommittee

Boards:

- 2018-Present DSMB Reviewer, Inhaled Mometasone to Promote Reduction in Vaso-occlusive Events 2
 (IMPROVE2)
- 2019-Present DSMB Reviewer, Neuro-Heme Consortium 2 (NHC2)

Professional Honors and Recognition:

- 2002 Delta Epsilon Iota National Honors Fraternity, University of Michigan
- 2006 Genevieve Hitchman Memorial Scholarship, Wayne State University
- 2016 Guardian of Childhood, St Louis Children's Hospital
- 2017 Trainee, American Society of Hematology Clinical Research Training Institute
- 2019 NIH NHLBI Loan Repayment Program in Pediatric Research
- 2019 Pozen-Commonwealth Fund Fellowship in Minority Health Leadership

Professional Societies and Organizations

- 2011-Pres American Academy of Pediatrics
- 2015- Pres American Society of Hematology
- 2015-Pres American Society of Pediatric Hematology and Oncology
- 2018- Pres Community Sickle Cell Initiative
- 2019-Pres Sickle Cell Quality and Operations committee

Media activities:

- 2019 'Adulting' with sickle cell anemia: Transition clinics help young patients aging out of pediatric care St. Louis American.
<http://www.stlamerican.com/yourhealthmatters/healthnews/adulting-with-sickle-cell-anemia/article884bb212-7ce6-11e9-9fa6-2b7995ce99b9.html>
- 2019 Great Day St. Louis: Sickle Cell Disease KMOV St. Louis.
<https://www.kmov.com/greatday/st-louis-children-s-hospital-sickle-cell-disease/videoa34d2a1-4091-51d3-931c-fb61ffa10287.html>

Major Invited Professorships and Lectures

- 2018 Calhoun CL. "Transition Planning in Sickle Cell Disease: A Single Center Approach". Sickle Cell Disease, TeleECHO Clinic
- 2019 Calhoun CL, King, AA. "Sickle Cell Disease in the Heartland", OASH/HRSA
- 2019 Calhoun CL, Shanoor Seervai. "One Doctor's Approach to Treating People with Sickle Cell Disease", Podcast, MP3 audio, 19:27
- 2020 Cecelia Calhoun, MD MPH. Leap of Faith: The Transition from Pediatric to Adult Care in Sickle Cell Disease, Pediatric Grand Rounds St. Louis Children's Hospital, St. Louis, Missouri, United States

Research Support

Completed Governmental Support

- 2016 - 2018 Optimizing Essential Healthcare and Educational Attainment for Adolescents and Young Adults with Sickle Cell Disease: A Qualitative Approach
Role: Co-Investigator
PI: Druley

Completed Non-Governmental Support

- 2017 - 2018 Healthcare Utilization Amongst Sickle Cell Patients in the United States
Role: Principal Investigator

Current Governmental Support

- 2016 - 2022 NIH NHLBI HL133994-03, 5U01
The Implementation of Cognitive Screening and Educational Support to Improve Outcomes of Adolescents and Young Adults with Sickle Cell Disease: From Clinic to the Community and Back
Role: Co-Investigator
PI: King

2019 - 2021 NIH/NHLBHI HL137942, K12
 Mentored Training in Implementation Science Bridging the Gap: Using Implementation Science to Increase Structured Transition Programs for Young Adults with Sickle Cell Disease
 Role: Scholar
 PI: Davila

Bibliography

A. Journal Articles

1. Moyer CA, Ekpo G, **Calhoun CL**, Greene J, Naik S, Sippola E, Stern DT, Adanu RM, Koranteng IO, Kwawukume EY, Anderson FJ. Quality of life, optimism/pessimism, and knowledge and attitudes toward HIV Screening among pregnant women in Ghana. *Women's Health Issues*. 2008;18(4):301-9. PMID:[PMC2495053](#) PMID:[18485737](#)
2. Moyer CA, Yang H, Kwawukume Y, Gupta A, Zhu Y, Koranteng I, Elsayed Y, Wei Y, Greene J, **Calhoun C**, Ekpo G, Beems M, Ryan M, Adanu R, Anderson F. Optimism/pessimism and health-related quality of life during pregnancy across three continents: a matched cohort study in China, Ghana, and the United States. *BMC Pregnancy Childbirth*. 2009;9:39. PMID:[PMC2744663](#) PMID:[19723332](#)
3. Liu C, Duffy B, Bednarski JJ, **Calhoun C**, Lay L, Rundblad B, Payton JE, Mohanakumar T. Maternal T-Cell Engraftment Interferes With Human Leukocyte Antigen Typing in Severe Combined Immunodeficiency. *Am J Clin Pathol*. 2016;145(2):251-7. PMID:[PMC4901308](#) PMID:[26834123](#)
4. **Calhoun CL**, Abel RA, Pham HA, Thompson S, King AA. Implementation of an educational intervention to optimize self-management and transition readiness in young adults with sickle cell disease. *Pediatric Blood Cancer*. 2019;66(7):e27722. PMID:[PMC6529244](#) PMID:[30907500](#)
5. Hankins JS, Shah N, DiMartino L, Brambrilla D, Fernandez ME, Gibson RW, Gordeuk VR, Lottenberg R, Kutlar A, Melvin C, Simon J, Wun T, Treadwell M, **Calhoun C**, Baumann A, Potter MB, Klesges L, Bosworth H. Integration of Mobile Health Into Sickle Cell Disease Care to Increase Hydroxyurea Utilization: Efficacy and Implementation Study. *JMIR Res Protoc*. 2020. PMID:[32442144](#)
6. Kanter J, Gibson R, Lawrence RH, Smeltzer MP, Pugh NL, Glassberg J, Masese RV, King AA, **Calhoun C**, Hankins JS, Treadwell M. Perceptions of US Adolescents and Adults With Sickle Cell Disease on Their Quality of Care. *JAMA Netw Open*. 2020;3(5):e206016. PMID:[32469413](#)

F. Abstracts

1. Calhoun CL, Abel RA, Pham HA, Thompson S, King AA. *Implementation of an Educational Intervention to Optimize Self-Management and Transition Readiness in Adolescents with Sickle Cell Disease* American Society of Hematology Annual Meeting: San Diego, California; 2016.
2. Calhoun CL, Colvin R, Lassa Claxton S, Verlekar A, Cole FS, Hulbert ML. *Higher prevalence of hydroxyurea use is associated with lower hospitalization rate in a population of children with sickle cell disease* American Society of Hematology Annual Meeting: San Diego, California; 2016.
3. Calhoun CL. *Optimizing Care for Patients with Sickle Cell Disease: Understanding Barriers and Facilitators*. NIH Center for Translation Research and Implementation Science Saunders-Watkins Leadership Workshop: Bethesda, Maryland; 2017.

4. Calhoun CL, Keller M, Olsen MA, King AA. *Current Healthcare Utilization Patterns and Most Common Reasons for Admission Amongst Patients with Sickle Cell Disease* American Society of Hematology Annual Meeting: Atlanta, Georgia; 2017.
5. Calhoun CL. *Optimizing Care for Patients with Sickle Cell Disease: Understanding Barriers and Facilitators*. NIH Center for Translation Research and Implementation Science Saunders-Watkins Leadership Workshop: Bethesda, Maryland; 2018.
6. Calhoun CL, Luo L, Shen E, Bauer A, Baumann AA, James AS, King AA. *Using Implementation Science to Improve Transition for Adolescents and Young Adults with Sickle Cell Disease* 11th Annual Conference on the Science of Dissemination and Implementation: San Diego, California; 2018.
7. Harris, K. M., Varughese, T., Bauer, A., Howdeshell, S., Calhoun, C., Abel, R., & King, A. A. *The Relationship between Mental Health, Educational Attainment, Employment Outcomes, and Pain in Sickle Cell Disease*. American Society of Hematology Annual Meeting: Orlando, Florida 2019
8. Bhatt, N., Calhoun, C., Hodges, J. R., Nwosu, C., Kang, G., King, A. A., ... & Hankins, J. S. *Evaluation of Factors Influencing Health Literacy in Adolescents and Adults with Sickle Cell Disease*. American Society of Hematology Annual Meeting: Orlando, Florida 2019
9. Calhoun, C., Bhatt, N., Varughese, T., Nwosu, C., Jacola, L., Longoria, J., ... & King, A. Health Literacy and Cognition in Adolescent and Young Adults with Sickle Cell Disease *Pediatric Blood & Cancer* (Vol. 67, pp. S41-S41). June 2020

D&I conf abstract

G. Audiovisual/Media

1. Sandra Jordan, Calhoun CL, Hulbert. "'Adulthood' with sickle cell anemia Transition clinics help young patients aging out of pediatric care" *The St. Louis American*, Sandra Jordan, 22 May 2019, www.stlamerican.com/your_health_matters/health_news/dr-cecelia-calhoun-and-brittany-butts/image_9e584908-7ce6-11e9-96cf-1f7ae6c1f34c.html. doi:www.stlamerican.com
2. Calhoun CL. "St. Louis Children's Hospital: Sickle Cell Disease, KMOV.com" *KMOV4*, 18 Sep 2019, https://www.kmov.com/great_day/st-louis-children-s-hospital-sickle-cell-disease/video_ca34d2a1-4091-51d3-931c-fb61ffa10287.html. doi:www.kmov.com

Major Mentoring Responsibilities

Mentee Name	Project	Dates	Training Position	Outcome	Current Position
Alyssa Combs	Using Implementation Mapping to Develop a Transition Program for Adolescents with Chronic Illness: An Example in Sickle Cell disease	March 2020-Present	Occupational Therapy PhD Student	Educational pilot study ongoing; submitted abstract for at the AOTA annual meeting	Occupational Therapy PhD Student
Jessica Zavadil	Resiliency in Pediatric Patients with Sickle Cell Disease and Their Parents	January 2020-Present	Pediatrics Resident	Received foundation award. Data collection ongoing	Pediatrics Resident