



CURRICULUM VITAE

Catherine S. O'Neal, MD

Current Title: Associate Professor of Clinical Medicine
Chief Medical Officer, Our Lady of the Lake

Business Address: LSU Medical Education Building
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Baton Rouge, LA 70808

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Home Address:

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Birthplace:

Spouse and Children:

Citizenship: US

Education:

Undergraduate: Louisiana State University 1995-1999

Graduate/Medical: LSU School of Medicine 1999-2003

Internship: LSU School of Medicine
Earl K. Long Medical Center
Baton Rouge, LA
Internal Medicine 2003-2004

Residency: LSU School of Medicine
Earl K. Long Medical Center
Baton Rouge, La
Internal Medicine 2004-2006

Clinical Fellowship: Infectious Diseases 2006-2008
Vanderbilt Medical Center
Nashville, TN

Certification:
American Board of Internal Medicine (ABIM) October 2015
Internal Medicine, recertified October 2018
Infectious Diseases, recertified

Licensure:
Louisiana, 026433; (expires March 2020)

Academic, Professional, and Research Appointments:

Instructor, Vanderbilt Medical Center	2008-2009
Associate Professor of Clinical Medicine, LSUHSC	2009-present
Medical Director of Infection Control and Prevention Our Lady of the Lake Regional Medical Center	2012-2021
Associate Chief Medical Officer Our Lady of the Lake Regional Medical Center	2019-2020
Chief Medical Officer Our Lady of the Lake Regional Medical Center	2020-present
Chief Medical Advisor to the South Eastern Conference	2022-present

Membership in Professional Organizations:

Society of Healthcare Epidemiology:	member, 2008-present
Infectious Disease Society of America: Committee member (Clinical Practice Governance)	member, 2007-present 2019-2020

Awards and Honors:

Alpha Omega Honors Society member	06/2006- present
Vanderbilt-Sanofi Pasteur Healthcare Vaccinology and Epidemiology Training Program Award	07/2007-6/2008

TEACHING EXPERIENCE AND RESPONSIBILITIES

Course/Clerkship/Residency or Fellowship/CME Directorships:

Capstone Course for 4th Year Medical Students 02/2008
Staphylococcal Symposium and Small Group Session
Small Group Leader
Vanderbilt University School of Medicine
Nashville, TN

Immunodeficiency Intercession for 1st Year Medical Students. 05/2008
Small Group Leader
Vanderbilt University School of Medicine
Nashville, TN

Coordinator: Resident Lecture Series. 7/2009- 7/2012
Coordinated lecture development and feedback to the residents for their required yearly
resident conference.
Earl K Long Medical Center
Baton Rouge, LA

Formal Course Responsibilities:

Attending Physician July 2009- June 2012
EKL Internal Medicine Inpatient Clinical rotation
Supervised third and fourth year students and medicine, ER and OB/Gyn residents on a daily basis during their internal medicine inpatient rotation. I spent 16 weeks/year on the internal medicine inpatient teaching service. Teaching duties included daily didactics, observation of learner exams and supervision of patient care.

Attending Physician July 2009-June 2012
EKL Infectious Disease Clinical rotation
Supervised third and fourth year students and medicine residents on a daily basis during their inpatient infectious diseases rotation. I spent 16 weeks/year of the infectious diseases inpatient rotation at Earl K Long Hospital. Teaching duties included daily didactics, observation of learner exams and supervision of patient care.

Attending Physician July 2012- June 2017
Our Lady of the Lake Infectious Disease Clinical rotation
Supervised third and fourth year students and medicine residents on a daily basis during their inpatient infectious diseases rotation. During this time I spent 16-27 weeks/year on the infectious diseases inpatient rotation at Our Lady of the Lake hospital. Teaching duties included daily didactics, observation of learner exams and supervision of patient care.

Rotation supervisor and rotation director July 2014-June 2016
Our Lady of the Lake Infectious Disease Clinical rotation
Tulane Infectious Disease Clinical rotation supervisor and rotation director. Tulane internal medicine residents rotated at Our Lady of the Lake hospital on the Infectious Diseases inpatient clinical rotation. As a rotation director I lectured to the resident class twice a year on ID and stewardship topics as well as supervised their rotation schedule and experience.

Attending Physician July 2017-present

Our Lady of the Lake Infectious Disease Clinical rotation
I supervise third and fourth year students and medicine residents on a daily basis during their inpatient infectious diseases rotation. I spend 12-14 weeks/year on the infectious diseases inpatient rotation at Our Lady of the Lake hospital. Teaching duties included daily didactics, observation of learner exams and supervision of patient care.

Departmental/Interdisciplinary Teaching Conferences

Internal Medicine Residency morning report: I attend morning report as member of the internal medicine faculty 2-3 times per month.

I coordinated the scheduling and presentation of cases for a citywide multidisciplinary Nontuberculous mycobacterial case conference February 2019-November 2019. The group met every other month during this time to review difficult cases and discuss treatment plans.

Teaching Awards:

Undergraduate, Medical, or Graduate Students Trained:

2013-2015 Research Advisor to Dr. Katherine Lavie
2013-2015 Research Advisor to Dr. Scott Anderson
2016-2018 Research Advisor to Dr. Ronald Beaulieu
2016-2018 Research Advisor to Dr. Katie Veron
2017-2018 Quality resident track advisor to Dr. Peter Szachowicz
2017-2018 Research Advisor fourth year student, Morgan Laurent
2019 Research Advisor to Dr. Morgan Walker
2019-22 Research Advisor to Dr. John Marston
2019 Research Advisor to Nabil Essajee, LSU graduate student

RESEARCH AND SCHOLARSHIP

Journal Publications:

Refereed

O'Neal CS, Hamer D, Musso MW, et al. Retrospective Identification of Infection in the Emergency Department: A Significant Challenge in Sepsis Clinical Trials [published online ahead of print, 2022 Mar 14]. *Am J Med Sci.* 2022;S0002-9629(22)00080-5. doi:10.1016/j.amjms.2022.02.008

Mack CD, Wasserman EB, Killerby ME, et al. Results from a Test-to-Release from Isolation Strategy Among Fully Vaccinated National Football League Players and Staff Members with COVID-19—United States, December 14-19, 2021. *MMWR Morb Mortal Wkly Rep* 2022;71:299-305. DOI

O'Neal CS, Dixon BC, Fischer RSB. College Athletic Programs Thwart the Spread of SARS-CoV-2 During the COVID-19 Pandemic. *JAMA Netw Open*. 2022;5(2):e2147810. doi:10.1001/jamanetworkopen.2021.47810

O'Neal HR Jr, Sheybani R, Caffery TS, et al. Assessment of a Cellular Host Response Test as a Sepsis Diagnostic for Those With Suspected Infection in the Emergency Department. *Crit Care Explor*. 2021;3(6):e0460. Published 2021 Jun 15. doi:10.1097/CCE.0000000000000460

Dixon BC, Fischer RSB, Zhao H, **O'Neal CS**, Clugston JR, Gibbs SG. Contact and SARS-CoV-2 Infections Among College Football Athletes in the Southeastern Conference During the COVID-19 Pandemic. *JAMA Netw Open*. 2021;4(10):e2135566. doi:10.1001/jamanetworkopen.2021.35566

Christofferson RC, O'Neal HR, Jagneaux T, et al. Reduced turnaround times through multi-sectoral community collaboration during the first surge of SARS-CoV-2 and associated effect on patient care and hospital operations. *PLoS One*. 2021;16(10):e0257302. Published 2021 Oct 7. doi:10.1371/journal.pone.0257302

Atherstone C, **O'Neal CS**, COVID-19 Collegiate Athlete Testing Group. Time from Start of Quarantine to SARS-CoV-2 Positive Test Among Quarantined College and University Athletes - 17 States, June-October 2020. *MMWR Morb Mortal Wkly Rep*. 2021 Jan 8;70(1):7-11. doi:10.15585/mmwr.mm7001a2. PMID: 33417591

Walker M, Hamer D, Musso M, **O'Neal C**, Thomas C, O'Neal Jr H. 2151. Accuracy of Physician Adjudication of Infection in Patients with Systemic Inflammatory Response Syndrome (SIRS). InOpen Forum Infectious Diseases 2018 Nov 26 (Vol. 5, No. suppl_1, pp. S633-S634). US: Oxford University Press.

O'Neal, C, H O'Neal, T Daniels, T Talbot, "Treatment outcomes in patients with third-generation cephalosporin-resistant Enterobacter bacteremia" *Scand J Infect Dis* 2012 Oct;44(10):726-32. PMID:22681412

Brett ME, **O'Neal, C**, Mead P. Outbreak of *Francisella novicida* bacteremia among inmates at a Louisiana correctional facility. *Clin Infect Dis*. 2014 Sep 15;59(6):826-33 PMID: 24944231

LaVie KW, Anderson SW, **O'Neal CS**, Neutropenia Associated with Long-Term Ceftazidime Use. *Antimicrob Agents Chemother*. 2015 Oct 26;60(1):264-9. PMID: 26503657

Schroeder, J, **O'Neal CS**, Jagneaux T. Practically Saline. *J Investig Med High Impact Case Rep*. 2015 Nov 27;3(4):2324709615618980 PMID:26668812

Harris, PN, **O'Neal CS**, Paterson DL, Carbapenems versus alternative antibiotics for the treatment of bloodstream infections caused by *Enterobacter*, *Citrobacter* or *Serratia* species: a systemic review with meta-analysis. *J Antimicrob Chemother*. 2016 Feb;71 (2):296-306 PMID:26542304

Taylor, KV, Beaulieu, RM, Walker, MK, Laurent, M, Hamer, D, **O'Neal, C.** The Clinical Impact of the FilmArray Meningitis-Encephalitis (ME) Panel on Antimicrobial Utilization in a Tertiary Hospital Setting. Submitted for publication to AJIC, January 8, 2020

Non-refereed

Varnado W, Johnson A, **O'Neal C**, Harton A, Lopez FA, Clinical Case of the Month: Hypereosinophilia in a Young Woman with a History of Childhood Asthma. *J La State Med Soc*. 2015 May-Jun;167(4):205-8. PMID:27159518

Published Abstracts:

Smith C, M Musgrave, "Pollination of *Brassica Rapa* under microgravity conditions aboard the KC-135" *Gravitational and Space Biology Bulletin*. Vol:11, Jan.1998

Smith C, JM Fernandez, L Bunting, L Gentry, D Thompson, J Harding, K Owen, "Short-term daily oral L-carnitine administration in sheep does not affect glucose metabolism as determined using Bergman's minimal model method" *Journal of Animal Science*. Supplement 1, p.26, Jan.1999

Smith C, J Walker, D Spell, "Myelodysplasia as a risk factor for *Vibrio vulnificus* septicemia" *Blood*. Vol: 102, issue: 11, Nov. 2003

O'Neal C, H O'Neal, T Daniels, T Talbot, "Treatment Outcomes in Patients with ESBL-Screen Positive *Enterobacter* Bacteremia", IDSA/ICAAC Annual Meeting; Washington, DC; Abstract and Poster presentation October 25, 2008

O'Neal C, W Mason, M Boger, T Talbot, "A Review of Isolation Cart Stocking Practices and Assessment of an Alert to Improve Adequacy of Isolation Supplies in a Tertiary Care Hospital", APIC Annual Conference; Denver, CO; June 2008

Edward Dauterive, **Catherine O'Neal**, "Tracheoesophageal fistula associated with CMV esophageal ulcerations", ACG Annual Scientific Meeting, poster presentation, October 2012

Jessica Lacombe, **Catherine O'Neal**, "*Strongyloides stercoralis* hyperinfection syndrome", IDWeek, Fellows day presentation, October 2013

Walker M, Hamer D, Musso M, **O'Neal C**, Thomas C, O'Neal Jr H. 2151. Accuracy of Physician Adjudication of Infection in Patients with Systemic Inflammatory Response Syndrome (SIRS). Open Forum Infectious Diseases 2018 Nov 26 (Vol. 5, No. suppl_1, pp. S633-S634). US: Oxford University Press. PMCID: 6252822

Schroeder, J, W Varnado, **CS O'Neal**, V Cataldo. Massive Pulmonary Embolism: A rare presentation of Acute HIV-1 Infection. National ACP Resident/Fellow Abstract Finalist 2015

Miller, B, Hamer, D, O'Neal, C. "Using Clinical Decision Support to Improve Evidence Based Testing and Diagnosis of *Clostridium difficile* Infection", IDWeek poster presentation, October 2017

Walker, M, Sheets, J, Hamer, D, **O'Neal, C**. "Performance of the Biofire Filmarray Meningitis/Encephalitis Panel in Cryptococcal Meningitis Diagnosis", IDWeek poster presentation, October 2018

Ronald Beaulieu, **Catherine O'Neal**, "Misdiagnosis of *Mycobacterium marinum*", IDWeek, Fellows day presentation, October 2019

Scientific Presentations:

Local:

September 25, 2014	Update on Viral Diseases Louisiana Association of Physician Assistant's Conference, New Orleans, LA
February 16, 2016	Presenter. "Empiric vs. Combination therapy" Infectious Disease City Wide Grand Rounds Presentation New Orleans, LA
March 3, 2018	Presenter. "Update on STDs" Louisiana ACP Spring Chapter Meeting Baton Rouge, LA
May 15, 2019	Presenter. "Diagnosis and Treatment of Non-tuberculous Mycobacterial infections" Infectious Disease City Wide Grand Rounds Presentation

National:

October 2017	Presenter. "Bacterial Syndromes" Andriole ID Board Review Course, ID Week San Diego, CA
October 2018	Presenter. "Bacterial Syndromes" Andriole ID Board Review Course, ID Week San Francisco, CA
June 24, 2019	Presenter. "MRSA and Diabetic Foot Infections: A Common and Repeat Offender" Complex Cardiovascular Catheter Therapeutics (C3) Conference, Orlando, FL
October 2, 2019	Presenter. "Infection Prevention review" Andriole ID Board Review Course, ID Week Washington D.C.

Editorial Posts and Activities:

Reviewer:

American Journal of Infection Control

November 2019

SERVICE ACTIVITIES

University/Institutional Service:

School committees:

2016-2017 Member, Faculty Development committee, LSUHSC

Hospital committees:

07/2009- present

Our Lady of the Lake Regional Medical Center
Antibiotic Stewardship Committee
Member
Baton Rouge, LA

08/2012- present

Our Lady of the Lake
Pharmacy and Therapeutics Committee
Member
Baton Rouge, LA

08/2016-present

Our Lady of the Lake
Interdisciplinary Quality Committee

Member
Baton Rouge, LA

08/2015- present Our Lady of the Lake
Quality and Safety Committee
Co-coordinator and member
Baton Rouge, LA

Special assignments – ad hoc task forces/working groups, projects, etc.

2014-2016 Baton Rouge Health District Antibiotic Stewardship
workgroup.
Our Lady of the Lake representative

2020-2022 Louisiana Governors epidemiology pandemic task force

2020-2022 Southeastern Conference COVID Medical task force,
LSU member

National Service:

Professional society committees:

2015-2017	SHEA Publications Committee member
2019-present	IDSA Clinical practice governance taskforce

Clinical Service:

In-patient service activities

7/2009-6/2012 16 weeks per year; EKL Internal Medicine Inpatient Clinical rotation, Attending
7/2009-6/2012 16 weeks per year; EKL Infectious Diseases Inpatient consult rotation, Attending
7/2012-6/2013 42 weeks; Our Lady of the Lake, Infectious Diseases Inpatient consult rotation
7/2013-8/2014 32 weeks; Our Lady of the Lake, Infectious Diseases Inpatient consult rotation
9/2014-6/2015 18 weeks; Our Lady of the Lake, Infectious Diseases Inpatient consult rotation
7/2015-6/2016 27 weeks; Our Lady of the Lake, Infectious Diseases Inpatient consult rotation
7/2016-2020 12-16 weeks/year, Our Lady of the Lake, Infectious Diseases Inpatient consult rotation
7/2020-current 6 weeks/year, Our Lady of the Lake, Infectious Diseases Inpatient consult rotation

Clinic coverage:

7/2009-6/2013- Early Intervention clinic, HIV primary care. $\frac{1}{2}$ day per week
7/2011-present- $\frac{1}{2}$ day Infectious Diseases clinic per week

Call:**Infectious Diseases inpatient clinical consults**

14 days/month 2012-2014
Seven days/month 2014-2020
6 weeks/year 2020-2022

Infectious Diseases outpatient clinic

5 days per month 1/2018-present

Administrative Responsibilities:**Departmental**

7/2013-8/2018 Infectious Diseases Consult rotation coordinator

Hospital

7/2009-6/2012 Earl K Long Hospital, Associate Medical Director of Infection Control and Prevention
7/2012-present Our Lady of the Lake Regional Medical Center, Medical Director of Infection Control and Prevention
11/2019-3/2020 Our Lady of the Lake Regional Medical Center, Associate Chief Medical Officer
3/2020-present Our Lady of the Lake Regional Medical Center, Chief Medical Officer

Community Service Activities:

2011 Volunteer classroom reader, Buchanan elementary
2002-2009 Volunteer daycare assistant, First Presbyterian church, Baton Rouge

Revised: June 2022