



**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  
5246 Brittany Drive  
Baton Rouge, LA 70808

**Business Phone and Fax:** Phone: (225)765-5219  
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**Business email:**

**Home Address:**

**Home phone:**

**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 2003-2004  
Earl K. Long Medical Center  
Baton Rouge, LA  
Internal Medicine

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

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

**Certification:**

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

**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 2019-2020  
Our Lady of the Lake Regional Medical Center  
Chief Medical Officer 2020-present  
Our Lady of the Lake Regional Medical Center  
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: member, 2007-present  
Committee member (Clinical Practice Governance) 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 4<sup>th</sup> Year Medical Students 02/2008  
Staphylococcal Symposium and Small Group Session  
Small Group Leader  
Vanderbilt University School of Medicine  
Nashville, TN

Immunodeficiency Intercession for 1<sup>st</sup> 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). In *Open 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 Ceftaroline 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. PMID: 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<br>Louisiana Association of Physician Assistant's<br>Conference, New Orleans, LA   |
| February 16, 2016  | Presenter. "Empiric vs. Combination therapy"<br>Infectious Disease City Wide Grand Rounds<br>Presentation<br>New Orleans, LA                      |
| March 3, 2018      | Presenter. "Update on STDs"<br>Louisiana ACP Spring Chapter Meeting<br>Baton Rouge, LA  |
| May 15, 2019       | Presenter. "Diagnosis and Treatment of Non-<br>tuberculous Mycobacterial infections"<br>Infectious Disease City Wide Grand Rounds<br>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

07/2016- present

Our Lady of the Lake  
Professional Affairs Committee  
Subcommittee of the OLOL Board  
Nonvoting 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. ½ day per week

7/2011-present- ½ 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

2002-20019 Volunteer daycare assistant, First Presbyterian church, Baton Rouge

**Revised: June 2022**