

Jessica Marie Barnes DO

Education

Case Western Reserve University, Cleveland, Ohio

Bachelor of Arts, Biochemistry, May 2007

Minors: Psychology, Entrepreneurship

DeBusk College of Osteopathic Medicine, Harrogate, TN

Doctor of Osteopathy, May 2012

Peconic Bay Medical Center, Riverhead, NY

Resident Physician, Traditional Rotating Year Completed June 2013

Palms West Children's Hospital, West Palm Beach, FL

Pediatric Resident Physician

Chief Resident July 2015- July 2016

LeBonheur Children's Hospital, Memphis, TN

Pediatric Emergency Medicine Fellowship July 2016- June 2019

USD- Sanford Children's Hospital, Sioux Falls, SD

Pediatric Resident Physician July 2019- Present

Board Certification

American Osteopathic Board of Pediatrics Certified, October 2016

Licensure

Tennessee State Board of Osteopathic Examination, Tennessee State Medical License, 10/2016-09/2019

South Dakota Board of Medical and Osteopathic Examiners, South Dakota Medical License, 4/30/2019- present

Society Memberships

Sigma Sigma Phi Honors Society- Member

American Academy of Pediatrics- Member

American College of Osteopathic Pediatricians- Member

Related Experiences

Sanford School of Medicine-USD, Sioux Falls SD

Clinical Instructor, Pediatrics July 2019- Present

Sanford Children's Hospital, Sioux Falls SD

Locum Acute Care Physician November 2020 – Present

- Care for children who present to Urgent Care facility for various complaints

LeBonheur Children's Hospital Urgent Care, Memphis TN

Urgent Care Pediatrician, December 2016-June 2019

- Care for children who present to Urgent Care facility for various complaints

Palms West Hospital Medical Education Department, West Palm Beach, FL

Critical Incident Peer Support (CIPS) Team, September 2013- June 2016

- Meet the needs of residents and students whose job it is to handle critical incidents daily by giving consultation and support services in comprehensive crisis intervention and disaster behavior health services

Peconic Bay Medical Center Medical Education Department, Riverhead, NY

NYCOMEC Trainee Committee Representative, July 2012- June 2013

- Attend NYCOMEC Trainee Committee Meetings, and relay the information discussed in a timely manner to the other Resident Physicians at Peconic Bay Medical Center (PBMC)
- Assist the Committee with recruitment of potential resident physicians
- Bring any concerns my colleagues may have from PBMC to the committee's attention for discussion

Lincoln Memorial University- DCOM, Harrogate, TN

Molecular Fundamentals of Medicine Tutor, August 2009- December 2009

- Developed study guides twice a week to aid 10 assigned first year medical students with their study strategies
- Held two 2 hour sessions per week to go over the study guides and materials covered in class
- Reviewed board style questions on topics pertaining to the material with the once a week

Highmark Inc., Pittsburgh, PA

Preventative Health Services, July 2007- July 2008

- Assist with Program Development
- KidShape Program Assistant

University Hospitals, Cleveland, Ohio

Ophthalmologist, Incorporated, October 2004- May 2007

- Assist in the coordination of special projects needed to further the organization of the office.
- Organize patient information and catalog charts for permanent storage.
- Train and assign tasks to other student employees
- Prepare charts for future appointments.

Case Western Reserve University, Cleveland, Ohio

Biology Department, January 2005- May 2006

- Prepare materials needed for experiments for the Biology 214 lab, by making copies and preparing samples, and gels.

- Assist the Graduate Teaching Assistant with teaching the lab and grading projects.
- Work with students on an individual basis to ensure their success.

Case Western Reserve University, Cleveland, Ohio

Infectious Disease Department The Leiderman/Seig Lab, May 2006-May 2007

- Assist in experiments conducted on blood of both healthy and HIV positive subjects to further explore the disease.

Lectures

1/2014:

Grand Rounds- Pediatric Residency Conference, Palms West Hospital, Loxahatchee FL
“Work up and Treatment of Spinal Stenosis”

2/2014:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Lyme Disease and it’s Complications”

3/2014:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Complement Systems and Deficiencies”

7/2014:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Grand Rounds: Angioedema”

8/2014:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Hematuria in Pediatric Patients”

10/2014:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Orthopedic Emergencies”

11/2014:

Tumor Board, Palms West Hospital, Loxahatchee, FL
“Non-Hodgkins Lymphoma”

12/2014:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“HSV in the Neonate”

4/2015:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Grand Rounds: Lupus Nephritis”

6/2015:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Asthma: Diagnosis and Management”

1/2016:

Resident and Medical Student Afternoon Lecture, Palms West Hospital, Loxahatchee, FL
“Eosinophilic Esophagitis”

10/2016:

Evidence Based Medicine- PEM Fellow Conference, LeBonheur Children’s Hospital,

Memphis, TN

“NSAIDs safe perioperatively?”

3/2017:

Evidence Based Medicine- PEM Fellow Conference, LeBonheur Children’s Hospital, Memphis, TN

“Acute Cervical Lymphadenitis, how far do we go?”

7/2017:

Evidence Based Medicine- PEM Fellow Conference, LeBonheur Children’s Hospital, Memphis, TN

“Why Intranasal Dexmedetomidine?”

1/2018:

Evidence Based Medicine- PEM Fellow Conference, LeBonheur Children’s Hospital, Memphis, TN

“Nausea and Vomiting in pregnancy: Is Zofran Safe?”

2/2018; 9/2018:

Methodist Healthcare Nursing Resident Student Lecture, Memphis TN

“Pediatric Respiratory Complaints in the ER”

11/2018:

Evidence Based Medicine- PEM Fellow Conference, LeBonheur Children’s Hospital, Memphis, TN

“Can Troponins predict Viral Myocarditis in the Pediatric population?”

9/2019

Pediatric Lecture Series- Pediatric Residency Noon Conference, Sanford Children’s Hospital, Sioux Falls, SD

“Orthopedic Emergencies in Pediatrics”

7/2019

Pediatric Grand Rounds- USD, Sanford Children’s Hospital, Sioux Falls, SD

“Drug Induced QT prolongation and Torsade de Pointes”

Committees

LeBonheur Children’s Hospital

Morbidity and Mortality Committee- 2017- June 2019

Sanford Children’s Hospital, Sioux Falls SD

Pediatric Grand Rounds Committee Member July 2019- Present

Sanford School of Medicine-USD, Sioux Falls SD

Graduate Medical Education Committee- Pediatrics Representative July 2020- Present

Sanford Children’s Hospital Pediatric Residency, Sioux Falls SD

Wellness Committee for Pediatric Residents July 2020- Present

Sanford Children’s Hospital Pediatric Residency, Sioux Falls SD

Pillar II Pediatric Teaching Committee July 2020- Present

Journal Articles

Forthcoming publication in *South Dakota Medicine: EVALI: Evolving Threat to Health Teens*

Book Chapters

Barnes, J Longjohn, M. Trauma, Penetrating. In Hoffman R, Wang V, Scarfone R, Godambe, S, Nagler, J eds. *Fleisher and Ludwig's 5 Minute Pediatric Emergency Medicine Consult*. 2nd ed. Philadelphia, PA: Wolters Kluwer; *expected 2019*.

Poster Presentations and Abstracts

Barnes, J.M; Nergess, T. (November, 2015). Cardiac Failure secondary to Delayed Diagnosis of Diffuse Large B-cell Poster presented at: 2015 CEME Student/Intern/Resident/Fellow Scientific Research Poster Competition; Fort Lauderdale, FL, USA

Activities

Flu Shot Champion, September 2013-July 2016
SOMA, OMS-I representative August 2008-January 2009
SOMA, President January 2009- January 2010
SOMA, Region II Trustee March 2010-April 2011
SOMA, Membership Coordinator April 2011-April 2012
Member of Activities Committee for Student Government Association August 2008- August 2010
Pediatrics Club, Member August 2008- 2012
Women's Health and Medical Society, Member April 2009- 2012
Sigma Sigma Phi Honors Society- LMU-DCOM Chapter, Treasurer May 2009- May 2010
Sigma Sigma Phi Honors Society- LMU-DCOM Chapter, Member May 2009-May 2012
Sigma Sigma Phi Honors Society Member May 2012-Present

Service Activities

Streetdog Foundation January 2017 to present
Shuzz Medical Mission to Jamaica, September 2014
SPLASH- Drowning prevention event
Mini- Med School
Penny Wars- Raising Funds for Second Harvest
Doctor of the Day on Capitol Hill 2009, 2010
DO Day on the Hill for the Tennessee Osteopathic Medical Association
Bell County Repair Fair
DCOM Pediatric Health Fair
RAM Clinic- held at Lincoln Memorial University
Mr. DCOM Pageant Fall 2009- organizer
SOMA Health Clinic in New Orleans 2009
SOMA YMCA- Healthy Kids Initiative, Chicago 2010
Noah's Arc Animal Shelter- October 2010- January 2012 Morristown TN

Undergrad Activities

Spartan Cheerleading Squad, Secretary August 2003- May 2004, Stunt Coordinator

August 2004-May 2005

Spartan Dance Team, President May 2006-May 2007, Captain May 2004- May 2006

Delta Gamma, Activities Director 2004, Social Director 2005, Recruitment

Records/Continuous Open Bidding Director 2006

Case Footlighters Production of The Wild Party, Choreographer August 2004- October 2004

Case Footlighters Production of Footloose, Choreographer November 2005- March 2006

Case Footlighters Production of Reefer Madness, Choreographer August 2006- October 2006

Case Footlighters Production of Beauty and the Beast, Choreographer November 2006- March 2007

Service Activities Prior to Medical School

Project Sunshine, Rainbow Babies and Children's Hospital- Cleveland, OH

Cleveland Sight Center, Volunteer- Cleveland, OH

Service for Sight, Volunteer- Cleveland, OH

Highmark Caring Place, Volunteer- Pittsburgh, PA