The OSU-COM Continuing Medical Education office is accredited by the American Osteopathic Association to provide osteopathic continuing medical education for physicians.

The OSU-COM CME office designates this program for a maximum of 20 AOA Category 1-A credits and will report CME and specialty credits commensurate with the extent of the physician's participation in this activity.

Application for Emergency Medicine specialty credit has been filed with the American Osteopathic Board of Emergency Medicine. Determination of specialty credit is pending.

Application for Prescribed credit has been filed with the American Academy of Family Physicians. Determination of Prescribed credit is pending.

AMA/AAFP Equivalency:

AAFP Prescribed credit is accepted by the American Medical Association as equivalent to AMA PRA Category 1 Credit™ toward the AMA Physician’s Recognition Award. When applying for the AMA PRA, Prescribed credit earned must be reported as Prescribed credit, not as Category 1.

PLICO will award 5 points toward the Risk Management premium credit for attending this conference.
Our City
Tulsa is a city that feels Southern, Eastern and Western all at once. You will enjoy its cosmopolitan flavor and small-town friendliness. It is big enough to have everything you need, but small enough to make you feel right at home.

OSU Medical Center, located at 7th and Houston in downtown Tulsa, is one of the largest osteopathic teaching hospitals in the nation and serves as the official teaching hospital for the Oklahoma State University College of Osteopathic Medicine.

Local Tulsa Attractions
• Art Deco Landmarks Walking Tour
• Center of the Universe
• Gilcrease Museum
• Oklahoma Aquarium
• Philbrook Museum
• River Parks
• Safari Joe's H2O Water Park
• The Golden Driller
• Tulsa Air and Space Museum & Planetarium
• Tulsa Zoo
• Woody Guthrie Center
## 20TH ANNUAL EMERGENCY MEDICINE REVIEW CONFERENCE SCHEDULE

### Friday, June 9, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 a.m.</td>
<td>Registration, Continental Breakfast and Visit Exhibits</td>
<td>(You are required to sign-in only once)</td>
</tr>
<tr>
<td>7:45 a.m.</td>
<td>Welcome and Introduction</td>
<td>W. Stephen Eddy, D.O., M.P.H., Certified Family Medicine Tulsa, OK</td>
</tr>
<tr>
<td>8 a.m.</td>
<td>COLA Review 2017 Part 1</td>
<td>David Gearhart, D.O., FACEOP, Certified Emergency Medicine, Tulsa, OK</td>
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<td>Mark Blubaugh, D.O., Certified Emergency Medicine, Tulsa OK</td>
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<tr>
<td></td>
<td></td>
<td>Dennis Blankenship, D.O., FACEOP, Certified Emergency Medicine, Tulsa OK</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>COLA Review 2017 Part 2</td>
<td>David Gearhart, D.O., FACEOP, Certified Emergency Medicine, Tulsa, OK</td>
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<td></td>
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<td>Mark Blubaugh, D.O., Certified Emergency Medicine, Tulsa OK</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dennis Blankenship, D.O., FACEOP, Certified Emergency Medicine, Tulsa OK</td>
</tr>
<tr>
<td>10 a.m.</td>
<td>Break and Visit Exhibits</td>
<td></td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Which Post Cardiac Arrest Patients Should Go to the Cath Lab?</td>
<td>Patrick Henderson, D.O., Certified Cardiology, Tulsa, OK</td>
</tr>
<tr>
<td>11:15 a.m.</td>
<td>ARDS Update</td>
<td>Boyd D. Burns, D.O., FACEP, FAAEM, Certified Emergency Medicine, Tulsa, OK</td>
</tr>
<tr>
<td>12:15 p.m.</td>
<td>Lunch Buffet (provided)</td>
<td></td>
</tr>
<tr>
<td>1:15 p.m.</td>
<td>Drug-Induced QTc Prolongation in the Emergency Department?</td>
<td>Kelly Murray, Pharm.D., BCACP Certified Ambulatory Care Pharmacy, Tulsa, OK</td>
</tr>
<tr>
<td>2:15 p.m.</td>
<td>Weak and Falling: Could it be Stroke?</td>
<td>Angela Carrick, D.O., Certified Emergency Medicine, Norman, OK</td>
</tr>
<tr>
<td>3:15 p.m.</td>
<td>Break and Visit Exhibits</td>
<td></td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Suicide Risk Assessment for the Emergency Physician</td>
<td>Jason Beamam, D.O., M.S., Certified Family Medicine and Psychiatry, Tulsa, OK</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Proper Prescribing Lecture</td>
<td>Deborah Bruce, J.D., Executive Director OSBOE, Oklahoma City, OK (Sign-in required for Oklahoma license renewal)</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

### Saturday, June 10, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 a.m.</td>
<td>New Registrations, Breakfast Buffet and Visit Exhibits</td>
<td></td>
</tr>
<tr>
<td>8 a.m.</td>
<td>Emerging Diseases Update – Bound for the ED</td>
<td>David E. Hogan, D.O., M.P.H., FACEP, Certified Emergency Medicine, Oklahoma City, OK</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>U/S Guided Nerve Blocks and Msk U/S</td>
<td>Michael Porter, M.D., FACEP, Certified Emergency Medicine, Norman, OK</td>
</tr>
<tr>
<td>10 a.m.</td>
<td>Break and Visit Exhibits</td>
<td></td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Top 10 ECG Patterns Strongly Suggestive of Coronary Occlusion</td>
<td>William Wylie, D.O., Certified Emergency Medicine Tulsa, OK</td>
</tr>
</tbody>
</table>
11:15 a.m. Imaging in the Emergency Room: Common Pitfalls and Special Considerations
Donald von Borstel, D.O., Certified Diagnostic Radiology, Tulsa, OK

12:15 p.m. Lunch Buffet (provided)

1:15 p.m. Toxicological Assassinations: Lesson from Kim Jong-nam
Micheal Allswede, D.O., Certified Emergency Medicine Residency, Las Vegas, NV

2:15 p.m. EMS Literature Review
Patrick Cody, M.P.H., FACOEP Certified Emergency Medicine, Norman, OK

3:15 p.m. Break and Visit Exhibits

3:30 p.m. Point of Care Ultrasound: Cases from the Bedside
Lori Whelan, M.D., Certified Emergency Medicine, Tulsa, OK

4:30 p.m. Proper Prescribing Lecture
Running to Stand Still: Unintended Consequences of Hydrocodone Rescheduling
Audrey Stanton, D.O., M.P.H., FACOEP, FACEP, Certified Emergency Medicine, Tulsa, OK
(Sign-in required for Oklahoma license renewal)

5:30 p.m. Adjourn

Sunday, June 11, 2017

7 a.m. New Registrations, Breakfast Buffet

8 a.m. Top 10 Emergency Medicine Articles of 2016
Aaron Lane D.O., Certified Emergency Medicine, Tulsa, OK

9 a.m. Resilience in High Stress Jobs
Emily Fisher, M.D., Certified Emergency Medicine, Tulsa, OK

10 a.m. Tox Update
Shelly Zimmerman, D.O., FACOEP, FACEP, Certified Emergency Medicine, Norman OK

11 a.m. Syncope in the Pediatric Patient
Gavin Gardner, D.O., Certified Emergency Medicine Tulsa, OK

Noon Adjourn

Continuing Medical Education Credit
For physicians to officially receive AOA Category 1A CME Credits and for non-physicians to document their attendance, all participants are required to complete the Physician Certification (Attest) form.

All participants who complete and submit an attest form will receive a credit letter approximately 7-10 business days after the conference.

For M.D. physicians and other health care professionals, please write on the bottom of the attest form if you need a Certificate of Attendance mailed to you.

For D.O. physicians, a roster of participants will be submitted to the AOA. Please allow 2-4 weeks for the AOA to post the CME credits to your account.

Conference Objective
The objective of the 20th Annual Emergency Medicine Review is to enhance the knowledge of emergency care providers, thereby improving patient care in the emergency department as well as in the private office setting. Participants in this program will become aware of new updates in emergency medicine treatment and practice and gain a better understanding of the variety of patient types and conditions seen in the emergency department in the urban and rural setting.
Learning Objectives

At the conclusion of this program, participants should be able to:

- Analyze suggested reading articles from AOBE and have an understanding of the significant findings in the articles assigned for the 2017-2019 Continuous Osteopathic Learning Assessment (COLA) series.
- Understand that cardiac catheterization has great benefits including making a diagnosis, further triage, and hemodynamic support. And that it is underutilized in arrest patients and ought to be considered 1st line care for post-cardiac arrest patients.
- Understand the wide array of drugs that have been implicated in the prolongation of the QT interval, the mechanism of drug induced QT prolongation, and treatment strategies.
- Recognize the signs of acute suicide risk and understand the recommended interventions for high, moderate, and low-risk patients.
- Recognize the types of substances capable of being used as atypical assassination weapons and the lessons learned from the high-profile assassination of Kim Jong-nam.
- Recognize the ECG patterns consistent in myocardial ischemia and injury and describe the clinical significance with ECG changes that suggest myocardial ischemia.
- Demonstrate and become more comfortable in the use of point of care ultrasound in everyday practice.
- Identify the signs and symptoms of the most common emerging diseases and the mitigating consequences of these diseases.

Conference Materials

The conference fee includes the conference materials in electronic format. Each registrant will receive a USB drive with conference materials received from the speakers by May 26.

You can also print or download the conference materials by accessing the link on the CME Events web page. Conference materials received after May 26 will be available for download after the conference. Note: A limited number of printed syllabi with conference materials received from speakers by May 26 will be available for purchase at the conference.

Be sure to visit our CME web site which offers the latest information about our services, including our Media Loan and Online CME programs: http://www.healthsciences.okstate.edu/com/cme/

Acknowledgements

The Oklahoma State University College of Osteopathic Medicine Office of Continuing Medical Education expresses grateful appreciation to all companies that will exhibit at this educational program.

Pre-Registration

We offer MasterCard/Visa credit card services. You may register online at: http://www.healthsciences.okstate.edu/com/cme/events.php

If you would like to pre-register by phone, call toll-free 800-274-1972 between 9am-4pm CST or you may fax your pre-registration information to 918-561-1433.

The deadline for pre-registration is 5 p.m., CT, June 2, 2017.

NOTE: No pre-registrations (including faxed registrations) will be accepted after 5 p.m., CT, June 2, 2017. Walk-in registrations will be taken at the conference.

Hotel Information

You may make your room reservations at the DoubleTree by Hilton Hotel Tulsa–Warren Place, 6110 S. Yale Ave., Tulsa, OK 74136 by calling toll free 800-801-1317. When making your room reservations by phone, use group code Oklahoma State University and if making reservations online, use group code OSU in order to receive our special meeting rate of $99 per night (+ tax) for single/double room. Hotel reservations should be made no later than May 25, 2017 at 11:59 p.m., CT.

You can make reservations online, view a map, and get directions to the hotel on the CME Events website at http://www.healthsciences.okstate.edu/com/cme/events.php

Parking

Complimentary self-parking has been extended to all program participants.

Airport Transportation

Upon arrival, call the DoubleTree by Hilton Hotel Tulsa-Warren Place at 800-801-1317 or 918-495-1000 to request the airport shuttle. The hotel operator will give you an estimated time for pick up. During your stay, make arrangements with the hotel front desk to schedule the shuttle back to the airport. The shuttle is available from 6 a.m. to 10 p.m. on weekdays and 6 a.m. to 11 p.m. on weekends.
20TH ANNUAL EMERGENCY MEDICINE REVIEW
JUNE 9-11, 2017

Registration and fee payment are necessary to attend this program.

Register online: http://www.healthsciences.okstate.edu/com/cme/events.php
Register by telephone: 800-274-1972
Register by fax: 918-561-1433
Mail to:
Oklahoma State University College of Osteopathic Medicine
Office of Continuing Medical Education
1111 West 17th Street
Tulsa, OK 74107-1898

Name_____________________________________________________ Title_____________________
AOA#_______________________________ Specialty__________________________________
Street_____________________________________________ City________________________
State_____ Zip___________ Phone ____________________ Fax_________________________

E-Mail Address:_________________________________________________________________

Fee: Include all course materials on USB drive, CME credits and all meal functions on Friday, Saturday and Sunday.

Note: Conference materials received from the speakers by May 26 will be accessible via the link on the CME Events web page. An email will be sent to registered participants with the link information. Also, conference materials will be on the USB drive that participants will receive at the conference.

FULL CONFERENCE REGISTRATION FEES*
*(Proper Prescribing included)

<table>
<thead>
<tr>
<th>If postmarked on or before May 26, 2017</th>
<th>If postmarked after May 26, 2017</th>
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<tbody>
<tr>
<td>Physicians in practice and other health care professionals</td>
<td>$460</td>
</tr>
<tr>
<td>Retired physicians and other retired health care professionals</td>
<td>$230</td>
</tr>
<tr>
<td>Active duty military and reserves</td>
<td>$230</td>
</tr>
<tr>
<td>Students/Interns/Residents/Fellows (includes meals &amp; materials)</td>
<td>$60</td>
</tr>
</tbody>
</table>

Note: Students/Interns/Residents/Fellows may attend FREE if they choose not to receive meals & materials

Walk-in registrations will be accepted at the door. Walk-in fees are:

Physicians in practice and other health care professionals $480
Retired physicians and other retired health care professionals $250
Active duty military and reserves $250
Students/Interns/Residents/Fellows (includes meals & materials) $80

ONE DAY REGISTRATION FEES*
*(Includes all materials and meals. Includes Proper Prescribing on Friday and Saturday.)

<table>
<thead>
<tr>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
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<tbody>
<tr>
<td>Physicians in practice and other health care professionals</td>
<td>$250</td>
<td>$250</td>
</tr>
<tr>
<td>Retired physicians and other retired health care professionals</td>
<td>$125</td>
<td>$125</td>
</tr>
<tr>
<td>Active duty military and reserves</td>
<td>$125</td>
<td>$125</td>
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</tbody>
</table>

PROPER PRESCRIBING LECTURE ONLY (Friday, June 9, 2017 4:30 – 5:30 p.m.) $25 or (Saturday, June 10, 2017 4:30 – 5:30 p.m.) $25

NOTE: No pre-registrations (including faxed registrations) will be accepted after 5 p.m., CT, June 2, 2017. Walk-in registrations will be taken at the conference.

Make checks payable to: OSU-COM (Please circle appropriate fee above)

Payment Method: ☐ Personal Check #____________________ ☐ MasterCard ☐ VISA
Account #__________________________________________ Exp. Date _________
Three-digit code ______ Signature__________________________
Located on the west bank of the Arkansas River, adjacent to downtown Tulsa, the main OSU Center for Health Sciences campus is housed in a modern, six-building complex on 16 acres.

OSU Center for Health Sciences
CME Office Staff

W. Stephen Eddy, D.O., M.P.H.
CME Director and
Professor of Family Medicine

Cyndi Canning
CME Coordinator

Beverly Minock
CME Coordinator

Noreen Phillips
CME Coordinator

20th Annual
Emergency Medicine Review
Program Planning Committee

W. Stephen Eddy, D.O., M.P.H.
Family Medicine, CME Director

David Gearhart, D.O., FACC
Emergency Medicine, Program Chair

Dennis Blankenship, D.O., FACC
Emergency Medicine, Program Co-Chair

Mark Blubaugh, D.O.
Emergency Medicine

Todd Cannon, D.O.
Emergency Medicine

Jennifer Galbraith, D.O.
Emergency Medicine

Gavin Gardner, D.O.
Emergency Medicine

Aaron Lane, D.O.
Emergency Medicine

Michael Schiesel, D.O.
Emergency Medicine

Susan Steele, D.O.
Family Medicine, AAFP Member

William Wylie, D.O.
Emergency Medicine

A very special thanks goes out to the 20th Annual Emergency Medicine Review Program Planning Committee.

The Oklahoma State University Center for Health Sciences prohibits discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibits discrimination against all individuals based on their age, race, color, religion, sex, sexual orientation, gender, gender identity, national origin or ethnicity.

Should you require special services due to a disability, please notify us at least two weeks prior to your arrival.
Office of
Continuing Medical Education
1111 West 17th Street
Tulsa, Oklahoma 74107-1898

Return Service Requested