President’s Letter

I hope you were able to enjoy a warm and happy holiday season with family and friends. As 2014 begins, I would like to thank you for your exceptional support of the AOCR. The past year has brought many challenges for the AOCR and you have stepped up to the plate to meet them. I look forward to the possibilities 2014 brings for the AOCR and the field of medicine and hope you will continue your support.

ACGME

The AOA leadership, AACOM and ACGME are continuing discussion toward the improvement of GME. AOA continues to want to create an equal opportunity for access to training for osteopathic graduates. We continue to send representation to the AOA to voice our concerns as the discussions continue. Michael Cawthon, DO, attended the Bureau of Osteopathic Graduate Medical Education Development (BOGMED) meeting in December at which time ways to improve GME were discussed.

The AOCR continues to move toward adding more residency and fellowship training positions. I encourage you to contact Executive Director Carol Houston if you are interested in starting a training program at your hospital. I have established a committee to assist these individual. The members of the committee are current or previous program directors in radiology and have experience to help you establish new programs.

Continuing Medical Education

The 2013 Mid Year Conference held on Oct. 10-13, “Bones and Brain Imaging” was a great educational activity held at the Gaylord Texan in Grapevine, Texas. This excellent program was chaired by Rocky Saenz, DO, from Farmington Hills, Mich. The faculty presented very informative lectures to the 169 registrants.

The 2014 Annual Convention is quickly approaching and will be held on April 28-May 2 in San Diego, CA. “Multidisciplinary Approach to Oncology” chaired by Ronald Alexander, DO, from Plano, Texas, will feature national leaders and experts in their fields to discuss current diagnostic and treatment options in oncology. The course will also feature panel discussions on both adult and pediatric tumors and will be presented from the perspectives of oncologic surgeons, radiologists, interventional radiologists and a radiation oncologist. I hope you plan to attend what is sure to be an excellent program.

As we proceed through 2014 we will have many challenges and possibilities in medicine, and certainly in the profession. As always, it is a time of greatest demand that the profession always stands tall and takes the high road to accomplish those things that are beneficial to our patients and to our college.

Fred E. White, DO, FAOCR

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Upcoming Events

Multidisciplinary Approach to Oncology
April 28-May 2, 2014
San Diego, CA
Program Chair: Ronald Alexander, DO
Offering 36 1-A credits

Diagnostic and Interventional Spine (Adult & Pediatric)
October 9-12, 2014
Rosemont, IL
Program Chairs: Sheri Albers, DO
Wade Wong, DO
Offering a minimum of 25 1-A credits

Webinars

The AOCR will be offering two webinars during the Annual Convention in the spring and one will be offered during the Mid Year Conference in the fall.
At the Viewbox by Lacey McIntosh, D.O., M.P.H.

See At the Viewbox on the JAOCR website.

AOA Honors Physicians and Support Staff

Osteopathic physicians do courageous work every day, but often go unrecognized. That is why AOA President Norman E. Vinn, DO, has introduced the Guardians of the Profession, Unsung Heroes, and Champions of the Profession. Below are AOCR members and staff who received this special recognition in 2013. The full list can be found on the AOA website.

Guardians of the Profession
- Mark A. Baker, DO
- Gilbert S. Bucholz, DO
- COL Michael A. Cawthon, DO
- Kenneth E. Jones, DO
- David A. Kellam, DO
- Joan L. Moore, DO, MA
- Abraham Pera, DO
- Richard M. Purse, DO
- Gregg S. Silberg, DO
- Frederick E. White, DO
- Bruce A. Wolf, DO

Unsung Heroes
- George O. Faerber, DO
- COL Les R. Folio, DO, MPH
- Anthony P. Kozma, DO
- David A. Kellam, DO
- Philip D. Orons, DO
- Robert G. Ricci, DO (Deceased)
- Virginia A. Syperda, DO
- Dennis Vollman, DO

Champions of the Profession
- Carol Houston
- Gregg S. Silberg, DO

A Guardian of the Profession is an osteopathic physician who advances the culture of osteopathic medicine by having served in a local, state or national osteopathic leadership role. A Guardian also demonstrates a strong sense of pride in the osteopathic medical profession and works actively to advance osteopathic medicine with colleagues and the general public.

An Unsung Hero is an osteopathic physician who has enhanced the image of osteopathic medicine by living each day as an example of what an osteopathic physician should be. Serving as an outstanding physician and role model, he or she enhances our profession, creates opportunities for current and future DOs, and instills pride in being a DO and a member of the AOA.

A Champion of the Profession is a supporter of the osteopathic medical profession who is not a DO, but who has helped make the profession what it is today. This new category, approved by the Strategic Planning Committee in October 2013, identifies and recognizes the distinctive contributions made by dedicated leaders who do not have DO degrees.

To recommend a colleagues, visit www.osteopathic.org/recognition
# February 1, 2014 Deadlines

- **Diagnostic Radiology Written Exam Application Submission**
- **Radiation Oncology Written Exam Application Submission**
- **Diagnostic Radiology OCC Exam Registration**
- **CAQ OCC Exam Registration**

## Involvement Opportunities

The AOBR is currently looking to increase member involvement to better support the development of AOBR examinations. Information on involvement levels can be found [here](#). If you are interested in increasing your involvement with the AOBR, please contact Erin Maulsby, **AOBR Certification Manager**.

## 2013-2014 Exam Schedule

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Location</th>
<th>Application Deadline*</th>
<th>Fee Deadline**</th>
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<tbody>
<tr>
<td>Radiation Oncology Oral Exam</td>
<td>May 15-17, 2014</td>
<td>Chicago Marriott Suites O'Hare Rosemont, IL</td>
<td>Dec. 1, 2013</td>
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<tr>
<td>Diagnostic Radiology Written Exam</td>
<td>Sept. 27, 2014</td>
<td>O'Hare Hilton Chicago, IL</td>
<td>Feb. 1, 2014</td>
<td>July 1, 2014</td>
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<tr>
<td><strong>Part I - Physics &amp; Part II - Diagnostic Imaging</strong></td>
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<td></td>
<td>*This fee covers both exams</td>
</tr>
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</tr>
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<td>July 1, 2014</td>
<td>July 1, 2014</td>
</tr>
<tr>
<td>Subspecialties (CAQ) OCC Exam***</td>
<td>Sept. 27, 2014</td>
<td>O'Hare Hilton Chicago, IL</td>
<td>July 1, 2014</td>
<td>July 1, 2014</td>
</tr>
</tbody>
</table>

*Exam Applications can be found at [www.aobr.org](http://www.aobr.org)*

**Exam Fees can be paid by sending a check to the AOBR office or by phone at 660-265-4014 with a credit card.**

***In order to register for the OCC exams, diplomates **must** be enrolled in OCC.**
Sheri Albers, DO, Christine Chung, MD, and Rocky Saenz, DO, together after Dr. Chung's lecture on shoulder instability at the 2013 Mid Year Conference. Dr. Chung also presented on knee meniscus, ankle MRI, hip labrum and FAI, and fingers and wrist MRI. Dr. Albers presented an update on MRI of normal bone marrow and bone marrow pathology, and MRI of degenerative spine diseases as well as an MRI workshop with Dr. Saenz.

Rocky Saenz, DO, Sheri Albers, DO, Valerie Jewells, DO, and Gregory Price, DO, after Dr. Price’s lecture on MRA brain.

Valerie Jewells, DO, discussed her lectures with attendees. Dr. Jewells presented on white matter disease, head trauma, and extracranial vascular and brachial plexus imaging.

Kathleen O’Mara, DO, Rocky Saenz, DO, and Amaar Malik, DO. Dr. Malik presented on rotator cuff injuries and MRI of the elbow. Dr. O’Mara presented on soft tissue injury of the hip.

AOCR President Frederick White, DO, presenting Rocky Saenz, DO, with the Program Chair plaque for his work on the 2013 Mid Year.

Richard Latchaw, MD, presented on brain perfusion, intracranial infection, infection of the spine, and tumors of the spine and spinal cord.

Not shown: William O’Brien, DO, who presented on sinus imaging and differentials in temporal bone imaging and head and neck imaging.

Thank you to the following sponsors for support of the Mid Year Conference

AOCR Education Foundation, Inc.
Lippincott, Williams & Wilkins
IN MEMORIAM

Arthur Bartlett Bristow, DO, 63, of Grenada, Miss., passed away on Oct. 29, 2013.

Dr. Bristow graduated from what is now known as Des Moines University College of Osteopathic Medicine in Des Moines, Iowa, in 1978. In 1979, he completed an internship at Memorial Osteopathic Hospital in York, Pa, and in 1983, his radiology residency. He was the former chief of staff at Grenada Lake Medical Center, and most recently was the director of radiology, and staff physician at the Wound Care Center, UMMC-Grenada.

Dr. Bristow was certified by the AOB R in diagnostic radiology in 1984. He became a Resident Member of the AOCR in 1981, an Active Member in 1984 and a Life Member in 2013. Dr. Bristow was certified by the AOB R in diagnostic radiology in 1984.

He is survived by his wife, Lyn, and his daughters, Brittney Murray-Bristow, and Taverly Ane Mitchell.

Ferdinand L. Manlio, DO, 77, of New Port Richey, Fla., passed away on Dec. 10, 2013. Dr. Manlio was an important leader of the AOCR and served as president from 1993-1994.

Dr. Manlio graduated in 1961 from what is now known as the Philadelphia College of Osteopathic Medicine in Philadelphia (PCOM), Pa., and completed his internship at the Hospital of PCOM in 1962. He opened a general practice in Tampa, Fla., for four years before returning back to Philadelphia where he completed his radiology residency at the Hospital of PCOM and Metropolitan Hospital in radiology in 1966-1969 and a fellowship at the University of Pennsylvania in nuclear medicine in 1971. In 1971, he moved to Hollywood, Fla., where he practiced radiology for 20 years then moved to New Port Rickey and worked at the North Bay Hospital for five years until his retirement in 1996.

Dr. Manlio was certified in radiology by the AOBR in 1972, nuclear medicine by the ABNM in 1972 and by the AOBNM in 1976. He became a Resident Member in 1967, an Active Member of the AOCR in 1972 and was elevated to Life Membership in 2001. In recognition of his service to the AOCR, Dr. Manlio was honored as a fellow of the AOCR in 1988 and as the Trenery Lecturer in 2003. Dr. Manlio served on many AOCR committees including as chair the Committee on Evaluation and Educational Standards and chair of the Committee to the Nuclear Regulatory Commission.

He enjoyed numerous activities such as biking, sailing and traveling the world.

Dr. Manlio is survived by his wife, Mary Ann; and their five children, Annnarie (John Stenhouse), Dr. Chris Manlio (Lori), David Manlio, Angela (Peter Andrews), and Dr. Alicia (John Petry); and their seven grandchildren, Alex, Jessica, Jodi, Tyler, Nicholas, Connor, and Addison.

Bureau of OGME Development

Michael Cawthon, DO, attended the AOA BOGMED Meeting held Dec. 8, 2013. During the Chairman’s Report, Boyd Buser, DO, updated the bureau members on continued discussions with the ACGME. In July, the AOA decided not to accept the ACGME proposed MOU for a unified accreditation system. The AOA leadership, AACOM and ACGME are continuing discussion toward the improvement of GME. COPT is continuing to work on a performance-based accreditation system with a common platform for evaluating residents.

Dr. Buser discussed the need for new teaching hospitals to fully understand CMS’ cap strategy, to not make mistakes early on in OGME development that will limit the number of trainees in future years. AOA Executive Director Adrienne White-Faines contributed that a new lead person in AOA Communications will design the presentation, including marketing and use of CEO-appropriate language.

Ms. White-Faines reported on ongoing changes occurring in GME Policy & Development through development of an OGME business development team. An initial 3-person team will analyze the market to understand the large group of virgin hospitals. Marketing materials will be created. Hospital systems are being approached and five systems have indicated desire for further discussions with AOA.

Image Gently Annual Alliance Meeting at RSNA 2013

Sue Kaste, DO, attended the Imaging Gently Annual Alliance meeting held at RSNA 2013 in Chicago on Dec. 1, 2013, on behalf of the AOCR. There were several presentations given regarding the new Image Gently Fluoroscopy Modules that were completed and added to the Image Gently website in October. Image Gently continues to work with the USFDA and the Medical Imaging & Technology Alliance (MITA).

Image Gently continues to advocate for radiation safety for pediatric patients by participating in events on Capitol Hill, working on committees with the American College of Radiology to establish dose index registry diagnostic reference levels, initiating and participating in patient surveys and medical professional education, and responding to the media regarding radiation protection for children. They will be beginning the new dental initiative in 2014.

98% of departments surveyed recognize the Image Gently name
97% of surveyed departments have decreased dose in part due to Image Gentle campaign
95% of adult departments image children
From survey developed by Dr. Don Frush
The 2014 Annual Convention, “Multidisciplinary Approach to Oncology,” is intended for general diagnostic radiologists, interventional radiologists, neuroradiologists, musculoskeletal radiologists, body imagers, oncologic surgeons, radiation oncologists, neurosurgeons, internists, family practitioners, pediatric radiologists and pediatricians dealing with pediatric oncology patients. This conference brings together national leaders and experts in their fields to discuss current diagnostic and treatment options in oncology. Multidisciplinary panels will discuss primary tumors and metastatic disease of the major organ systems. Panel discussions include both adult and pediatric tumors and will be presented from the perspectives of oncologic surgeons, radiologists, interventional radiologists and a radiation oncologist. There will be a question and answer period following each panel presentation. Intermixed with the panel discussions will be additional radiologic presentations of solid organs tumors not already discussed by the panelists.

EDUCATIONAL OBJECTIVES:

Upon completion of this course the participant should be able to:
- Recognize and understand the pathophysiology of hepatic, colorectal, prostatic, pancreatic, pulmonary parenchymal and pleural, thyroid, adultellar and parassellar, adult and pediatric brain and spinal cord, orbital, adult head and neck, adult and pediatric bone and soft tissue, pediatric renal/adrenal and hepatic, and uterine/cervical as well as ovarian tumors
- Choose the appropriate imaging modality based on primary tumor characteristics that provides increased specificity within a limited differential list of diagnoses
- Update and expand current knowledge and requirements of tumor staging
- Choose the appropriate follow-up studies following primary therapy.
- For imaging of metastasis: choose the appropriate modality based on accuracy of detection, cost, availability and radiation exposure
- Enhance knowledge of PET imaging and its use in tumor staging and detection of metastasis
- Understand interventional radiology treatment options available for primary tumors and metastatic disease as well as treatment options for the sequella of a patient’s disease or therapy.
- Become familiar with current surgical options in the treatment of primary tumors and metastatic disease.
- Increase knowledge of interventional pain medicine procedures for alleviation or improvement in patients’ pain.
- Increase awareness of the role of radiation oncology in the treatment and palliation of primary tumors and metastatic disease.
- Improve protocols for efficient patient management
- Provide more concise, informative and tailored reports based on increased awareness of the needs of the oncologic surgeon and radiation oncologist.
MONDAY, APRIL 28

Abdomen

7:00 am Registration & Continental Breakfast
7:15 am Opening Remarks – Frederick White, DO, AOCR President
7:30 am AOA & ACR Remarks
8:00 am Liver Lesions: the Good, the Bad and the Ugly – Saenz
9:00 am Interventions for Liver Neoplasia – Rivera-Sanjefiz
10:00 am Radiation Oncologist’s Perspective – Simmons
10:15 am Surgeon’s Perspective – Hemming
11:00 am Panel Discussion
11:15 am Pain Management for the Interventional Oncologist – Wong
12:00 pm Lunch on your own
1:00 pm Colorectal Cancer Screening Using CT Colonography – Yee
2:00 pm Surgeon’s Perspective – Ramamoorthy
2:45 pm Radiation Oncologist’s Perspective – Simmons
3:30 pm Quantitative MRI (qMRI) as a Biomarker for Human Diseases: Prostate Cancer as a Model – Karrow
4:15 pm Pancreatic Tumors – Saenz and McKnight

WEDNESDAY, APRIL 30

Neuradiology

7:00 am Registration & Continental Breakfast
7:30 am MR Spectroscopy and Perfusion of Brain Tumors – Hesselink
8:30 am Minimally Invasive Cranial Neurosurgery – Shahlaie
9:15 am Radiation Oncologist’s Perspective – Simmons
10:00 am Panel Discussion
10:30 am Sella/Parasella Neoplasms & Psuedoneoplasms – Wong
11:15 am Lunch on your own
12:15 pm Pediatric Brain and Spine Tumors – Bobinski
1:15 pm Diagnosis and Management of Pediatric Brain Tumors - Zwienenberg-Lee
2:15 pm Panel Discussion
2:45 pm Orbits – Bobinski
5:00 pm Awards Ceremony
6:00 pm Reception

THURSDAY, MAY 1

Head & Neck, Pediatric Neoplasia

7:00 am Continental Breakfast
7:30 am Neck Neoplasia - Bobinski
8:30 am Interventional – Wong
9:15 am Radiation Oncologist’s Perspective - Simmons
10:45 am Q&A
11:00 am Adult Bone Tumors – Sharp
12:00 pm Lunch on your own
1:00 pm Pediatric Bone and Soft Tissue Neoplasms – Young
1:45 pm Oncologic Interventions for Appendicular Neoplasms – Rose
2:30 pm Bone and Soft Tissue Tumor Imaging: A Surgeon’s Perspective – Hammel
3:15 pm Panel Discussion
3:30 pm Pediatric Renal and Adrenal Neoplasms – Young
4:15 pm Pediatric Hepatic Neoplasms – Young

FRIDAY, MAY 2

Women’s Neoplasia

7:00 am Continental Breakfast
7:00 am MRI of Uterine Cancer - Albers
8:00 am Interventional Radiology of Female Neoplasia – Trimmer
9:00 am Radiation Oncologist’s Perspective – Simmons
9:45 am MRI of Ovarian Cancer – Albers
10:30 am Gynecologic Oncology – Plaxe
11:30 am Panel Discussion
11:45 am Avoiding Pitfalls, Recognizing Complications & Assessing Response in Post-Cancer Therapy Imaging – Shah
12:30 pm Molecular MRI: The Missing Link in Comprehensive Cancer Imaging – Shah

HOTEL INFORMATION

Omni San Diego
675 L Street
San Diego, CA 92101
619-231-6664 8:30-5 pm 800-843-6664 Anytime
$239 per night

Please make your reservation as soon as possible. Rooms at the discounted rate have been reserved for attendees on a first-come, first-serve basis and may sell out before the cut-off date. Be sure to identify the group name as “American Osteopathic College of Radiology.” Reservations may be made three days pre/post at the discounted rate.

DISCLOSURE

It is the policy of the AOCR to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards for commercial support of CME Activities. All faculty and planning committee members in the AOCR program are required to disclose to the audience any real or apparent conflict(s) of interest related to this meeting or its content. Disclosure information will be included in the course syllabus and will be disclosed by faculty as they present.

ACCREDITATION

The AOCR is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The AOCR designates this live activity for a maximum of 36 AMA PRA Category 1 credits™.

The AOCR is accredited by the American Osteopathic Association (AOA). The AOA has approved this CME Activity for 36 Category 1-A credits.

CME CERTIFICATE/ATTENDANCE FORMS

Attendees will be required to sign in upon arrival at the conference. CME certificates will be issued after the attendee submits valid payments, attests to the number of hours attended and completes the evaluation form.

COURSE SYLLABUS

AOCR has gone green! Syllabus will be provided online prior to the conference for download and a jump drive will be provided onsite at no charge. Complimentary internet connectivity will be provided in the meeting room. Please bring your laptop!

CANCELLATION POLICY

AOCR must receive written notification of cancellation. Participants will have two options for the cancellation: 1) A refund less $100 processing fee  2) A transfer to a future AOCR sponsored CME activity with no penalty
AOCR Education Foundation

The AOCR is grateful to the following members who have contributed to the AOCR Education Foundation from October 4, 2013 to January 21, 2014. The listing reflects the donor’s lifetime contributions.

**Trustee Level**

- Contribution of $10,000 and above
  - Michael Cawthon, DO
  - Thomas Gleason, DO
  - Martin Landis, DO
  - Frederick White, DO
  - Michael Willman, DO

- Contribution of $5,000 and above
  - Wade Wong, DO
  - Wayne Schoettle, DO
  - Philip J. Meyer, DO
  - Claire McKay, DO
  - Richard Lynch, DO

**Curator Level**

- Contribution of $2,000 and above
  - Paul Chase, DO
  - John Dykstra, DO
  - Lynwood W. Hammers, DO
  - Richard Lynch, DO
  - Claire McKay, DO
  - Philip J. Meyer, DO
  - Stephen Morse, DO

- Contribution of $1,000 and above
  - Charles Wheeler, DO
  - John S. Morrison, DO
  - John R. Knorr, DO
  - Thomas Free, DO

**Benefactor Level**

- Contribution of $500 and above
  - Barbara Bannett, DO
  - Leonard Possehn, DO
  - Irwin Phillips, DO
  - Philip Orons, DO

- Contribution of $1,000 and above
  - John R. Knorr, DO
  - Thomas Free, DO
  - James M. Essad, DO
  - Carrie Horst, DO

**Contributor Level**

- Contributions up to $499
  - John Becker, DO
  - Maximo Bleza, DO
  - Mary H. Caffrey, DO

- Contributions of $500 and above
  - John Becker, DO
  - Maximo Bleza, DO
  - Mary H. Caffrey, DO

**Pamela A. Smith Scholarship**

- William Hagen, DO
- Lynn Bergren, DO
- Kevin Boyd, DO
- David Cheyne, DO
- Chris Donikyan, DO
- Marc Mellion, DO
- Frank J. Messana, DO
- John S. Morrison, DO
- Raymond Perez, DO
- John P. Wherthey, DO

**Future AOCR CME Activities**

<table>
<thead>
<tr>
<th>CME Activity</th>
<th>Date</th>
<th>Location</th>
<th>Program Chair</th>
<th>Available Category 1-A Credits</th>
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<tr>
<td>Multidisciplinary Approach to Oncology</td>
<td>April 28-May 2, 2014</td>
<td>Omni San Diego Hotel San Diego, CA</td>
<td>Ronald Alexander, DO</td>
<td>Live Activity: 36</td>
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<td>Diagnostic and Interventional Spine (Adult &amp; Pediatric)</td>
<td>Oct. 9-12, 2014</td>
<td>Westin O’Hare Rosemont, IL</td>
<td>Sheri Albers, DO</td>
<td>25</td>
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<tr>
<td>Updates in Cross Sectional Imaging</td>
<td>April 20-24, 2014</td>
<td>Mandarin Oriental Las Vegas, NV</td>
<td>Timothy McKnight, DO</td>
<td>30</td>
</tr>
<tr>
<td>Mammography Conference</td>
<td>Fall 2015</td>
<td>Detroit, MI</td>
<td>Michelle Walters, DO</td>
<td>25</td>
</tr>
</tbody>
</table>

**Recent Foundation Activities**

- October Resident Lecture—Philip Orons, DO, Focused Specialty Review—Interventional
- Grant to support the Botsford Oral Board Review on Feb 8-9, 2014
- Technology Support Grant for the resident distance learning lectures and AOCR CME webinars
- Pamela A. Smith Scholarship used for AOCR Staff Training

The AOCR Education Foundation takes pride in supporting the educational efforts of the AOCR. Your contributions enable us to continue to support our projects and begin new endeavors. Donation can be made online at www.aocr.org.

A full listing of all foundation contributors can be found on the [AOCR website](http://www.aocr.org).