



Presidential Address



The ACGME's incorporation of AOA residency training programs through the Single Accreditation System continues to be a significant focus in the Osteopathic profession.

According to John Potts, MD, Sr. VP of Surgical Accreditation for

the ACGME, in a recent AODME webinar, it became apparent that the ACGME is doing everything it can to accommodate this transition. Dr. Potts made it clear that the ACGME wants the AOA programs to succeed and will give programs guidance to help facilitate the accreditation process.

According to Dr. Bruce Wolf's most recent report from PTRC/COPT, Osteopathic institutions can apply for ACGME pre-accreditation starting April 2015 and individual programs can apply for pre-accreditation in July 2015. Trainees from pre-accredited programs will be exempt from 2016 standards and therefore eligible for ACGME fellowship programs. The AOA will still be able to start and accredit new residency training programs until 2020.

Dr. Wolf recommends that program directors and all those involved in residency training start perusing the [ACGME's website](#) and become familiar with this new process. A good starting point would be on September 15, when brand new FAQs will be posted. The AOCR will also be providing an update to our program directors at a workshop during the Mid Year Conference in October. Your OPTI may have some additional resources as well to help learn about this transition. Please forward any questions or concerns to the College, and we will do our best to get them answered/addressed.

Meanwhile, William O'Brien Sr., DO, the Editor-in-Chief of the Journal of the American Osteopathic College of Radiology ([JAOCR](#)) reports that the Journal is now in its third year of successful publication. As an open access journal it is gaining visibility beyond the Radiology community. Several articles have now been referenced in Medline/PubMed indexed journals, including the prestigious [J. Neurosurgery](#).

The official ICD-10 coding compliance deadline will be delayed until October 1, 2015, according to the Health and Human Services [final rule](#), released August 4. The final rule requires physicians and other HIPAA-covered entities to continue to only use ICD-9 coding through September 30, 2015.

The upcoming [AOCR Mid Year Conference](#) is set to be a world class symposium on spine imaging and intervention. Dr. Sheri Albers has put together some of the top speakers including three Past Presidents of the American Society of Spine Radiology as well as the CEO of the American Society of Interventional Pain Physicians. There will be hands on workshops and an amazing 33 hours of category 1A CME credits in just 3.5 days! I hope to see you there!

Finally, I would like to take this opportunity to thank Jessica Roberts, Communications Director, for her 3 1/2 years of service to the AOCR. It has been a pleasure working with her and I wish her well in her new endeavors.

Wade HM Wong, DO, FAOCR, FACR

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Upcoming Events

[Diagnostic and Interventional Spine](#)

October 9-12, 2014
Rosemont, IL
Program Chairs:
Sheri Albers, DO
Wade Wong, DO
Offering 33 1-A credits

[Pediatric Spine Trauma Webinar](#)

October 10, 2014
9:30-10:30 am CDT
William O'Brien, DO
Offering one 1-A CME credit

[Updates in Cross Sectional Imaging](#)

April 20-24, 2015
Las Vegas, NV
Program Chair:
Timothy McKnight, DO
Offering a minimum of
30 1-A credits

[Mammography Conference](#)

October 9-12, 2015
Novi, MI
Program Chair:
Michelle Walter, DO
Offering a minimum of
23 1-A credits

**Fulfills MQSA & ACR
Accreditation
Requirements**

MISSION STATEMENT

The AOCR is committed to representing and advocating the interest of osteopathic radiologists.

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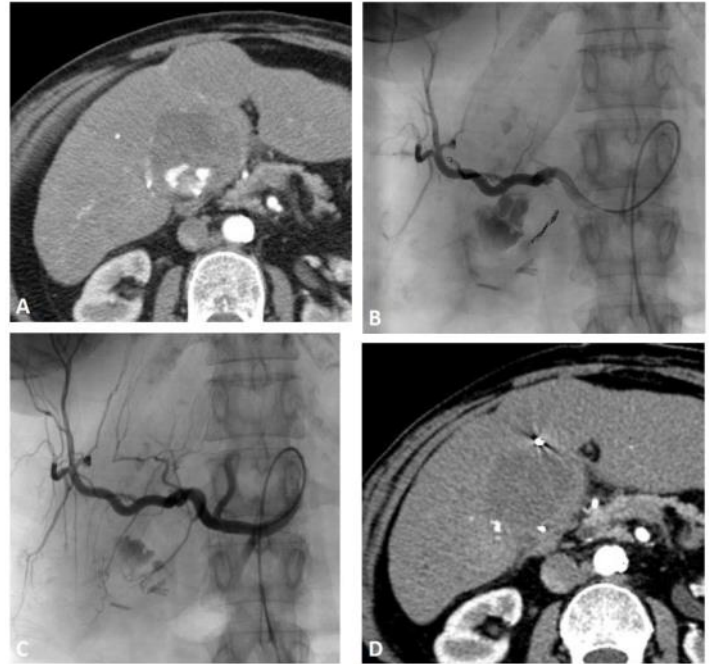
Chair and Editor

William O'Brien, DO

VIEWBOX is published by the AOCR. Views and opinions expressed in the Viewbox are not necessarily endorsed by the AOCR.

Hemorrhage Following Drug-Eluting Bead Transarterial Chemoembolization of Hepatocellular Carcinoma

We report the case of a 78-year-old woman with hepatocellular carcinoma who underwent drug-eluting bead transarterial chemoembolization (DEB-TACE). On the first routine follow-up CT six-weeks post procedure, the patient was found to have residual enhancing tumor and active intra-tumoral hemorrhage (Fig 1A). Follow-up laboratory values demonstrated a decrease in hemoglobin. Subsequent catheter arteriogram confirmed active arterial hemorrhage as well as enhancement along the periphery, suggestive of residual tumor, which was treated with repeat embolization (Fig. 1B). Several arteries supplying the residual tumor were embolized using drug eluting bead transcatheter chemoembolization (DEB-TACE). Additionally, the active arterial extravasation was treated with 0.018" coil embolization using platinum microcoils achieving post-embolization hemostasis (Fig. 1C). Nine-month follow up imaging demonstrated no residual enhancing tumor or evidence of active extravasation of contrast material (Fig. 1D).



Now Accepting Nominations for Fellowship

Members who by outstanding contribution to the healing art, to the practice of radiology, to research, or for such other meritorious services have reflected credit upon this organization and the osteopathic profession at large may be nominated for fellowship. Any member of the college may nominate another member. Each nomination is presented to the Committee on Ceremonial Procedures, Fellowship, Honors, and Memorials for evaluation.

Nominees for fellowship are **due no later than November 1** each year. Nominations must include a CV, completed FAOCR Criteria Sheet, letter of recommendation and a photo suitable for publication. The FAOCR Criteria Sheet is available through the AOCR office by contacting carol@aocr.org or 800-258-2627.

AOA House of Delegates Votes to Support Single GME Accreditation System

Delegates representing the nation's more than 104,000 osteopathic physicians (DOs) and osteopathic medical students voted to support a decision by the AOA Board of Trustees to pursue a new, single accreditation system for graduate medical education.

This historic vote during the annual meeting of the AOA House of Delegates comes after an announcement in February that the AOA, the Accreditation Council for Graduate Medical Education (ACGME), and the American Association of Colleges of Osteopathic Medicine (AACOM) reached an agreement to work together to prepare future generations of physicians. [Read the statement from ACGME.](#)

When fully implemented in July 2020, the new system will allow graduates of osteopathic and allopathic medical schools to complete their residency and/or fellowship education in ACGME-accredited programs and demonstrate achievement of common milestones and competencies.

The AOA strongly believes the public will benefit from a single standardized system to evaluate the effectiveness of GME programs for producing competent physicians. Through osteopathic-focused residency programs, the new GME accreditation system will recognize the unique principles and practices of the osteopathic medical profession and its contributions to health care in the U.S.

Members are encouraged to submit any questions they may have to singlegme@osteopathic.org.

New AOA Appointments

AOCR Member	Appointment
Mark Baker, DO	Board of Trustees Executive Committee of the Board of Trustees, Department of Professional Affairs Adopt-A-Campus Chair, Department of Affiliate Relations Finance Committee Chair, Strategic Planning Committee Committee on AOA Governance & Organizational Structure
Bruce Wolf, DO	Program and Trainee Review Council Bureau of Osteopathic Specialty Societies BOT—Joint Board/House Budget Review Committee
Michael Cawthon, DO	Bureau of OGME Development
Frederick White, DO	Bureau of Osteopathic Education
Michael A. Wilczynski, DO	Bureau of Osteopathic Specialists
Carol Houston, Exe. Dir.	Dale Dodson Education Fund Committee

New AOA Leadership

New AOA Leadership was appointed during the 2014 Annual Business Meeting. Full bios can be found on the [AOA website](#).

President



Robert S. Juhasz, DO

President-elect



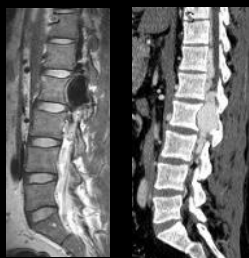
John W. Becher, DO

Other AOA Meeting News

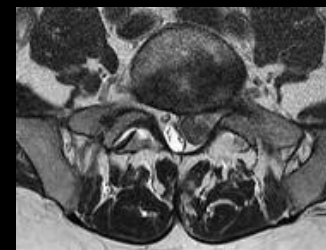
Bruce Wolf, DO and Mary Lentz, Training Coordinator, represented the AOCR at AOA PTRC & COPT meetings. The following details emerged from these meetings:

- **ACGME Update:** Current AOA accredited institutions can apply for pre-accreditation in April 2015; individual programs can apply for pre-accreditation in July 2015. Pre-accreditation status will be granted upon receipt of a completed application. Updated FAQs will be published on the ACGME website mid-September.
- The AOCR will have one (1) member on the Radiology RC. The term length is six (6) years and each new member will have a senior mentor. The AOCR will likely be able to observe the next RC meeting in spring of 2015.
- AOA can still start/accredit new programs through 2020.

Gilbert Bucholz, DO, AOCR Delegate and Carol Houston, Executive Director, represented the AOCR at the July AOA Board of Trustees and House of Delegates meetings in Chicago, IL.



Diagnostic and Interventional Spine October 9-12, 2014 Westin O'Hare, Rosemont, Illinois



Course Description:

This interactive course has been designed to provide attendees with an informational armamentarium sufficient in scope to address most of the challenges that spine pathology presents. This multidisciplinary course not only details current imaging aspects of spine radiology, but it also explores the clinical aspects. You will learn about recent changes in disc nomenclature and lexicon. You will receive a thorough review of degenerative, infectious, inflammatory and neoplastic processes that affect both the adult and pediatric spine and soft tissues. You will also learn about new prognostic imaging developments in disease assessment as well as new and evolving therapeutic advances.

As an attendee, you will be exposed to the physical examination process that takes place in the evaluation of a patient with spine pain. You will be better able to relate patient symptoms and history with site of insult or injury. You will have a better understanding of available treatment options many of which can be performed by a radiologist or interventional pain physician. You will gain a better perspective of ICD-10, and how medicine is being affected by imposing regulations and mandates. You will gain a more tangible understanding of surgical options and what the spine surgeon needs to know. You will also have the opportunity to learn about new devices and be able to use these devices in hands on workshops.

Upon completion of this course the participant should be able to:

- Review disc disease in a standardized manner in accordance with the new changes in disc nomenclature and lexicon
- Differentiate disc bulge from herniation
- Identify disc protrusions/extrusions that are likely sources of patient symptoms
- Improve accuracy differentiating recurrent disc herniation and disc fragments from scar or other pathology
- Recognize major degenerative conditions of the spine
- Familiarize yourself with a variety of common spinal implants and their intended purpose. Recognize their proper positioning and potential complications
- Review adult and pediatric spine trauma in addition to common fracture/dislocations. Identify important soft tissue components. Differentiate stable from unstable injuries. Correlate trauma by plain film, CT and MRI
- Identify and differentiate various types of fluid collections within and adjacent to the spinal canal.
- Identify sacral pathology and become familiar with various treatment options
- Recognize the various types of spinal vascular disease and associated complications
- Identify and differentiate peripheral nerve pathology
- Become familiar with the mechanisms behind, and manifestations of, sports injuries relative to the spine
- Recognize various forms of bone marrow pathology
- Recognize spinal disease as manifested via Nuclear Medicine and PET
- Improve ability to differentiate adult and pediatric VB, paravertebral soft tissue and spinal canal neoplastic disease in differentiating adult and pediatric spinal inflammatory and infectious disease
- Familiarize yourself with congenital malformations of the spine
- Identify potential spinal pain generators
- Become familiar with a wide variety of adult and pediatric spinal and paraspinal soft tissue interventional and therapeutic procedures. Recognize their appropriate use and potential complications as well as the impact these procedures can have on patient well-being
- Explain the importance of vertebral augmentation in patient care and the controversies that continue to surround these procedures
- Learn about the mechanism of action, appropriate use, appropriate placement and potential complications of spinal cord and peripheral nerve stimulators
- Become familiar with common types of surgical procedures for degenerative and neoplastic spine disease. Increase awareness of the informational needs of the spinal surgeon when formulating your radiology report
- Become better informed on the effects that governmental regulation, ACA and ICD-10 will have on medicine
- Learn about new treatment options using stem cell therapy
- Gain "hands-on" experience with vertebral augmentation and ablation devices

CO-PROGRAM CHAIRS

Sheri Albers, DO, FAOCR
Wade H.M. Wong, DO,
FAOCR, FACR

Ramsin M. Benyamin, MD
Bloomington, IL

Christopher R. Hancock, MD
San Diego, CA

Laxmaiah Manchikanti, MD
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Steve Min, DO
Grand Blanc, MI

Jeffrey A. Stone, MD, FACR
Jacksonville, FL

Alyssa T. Watanabe, MD
Los Angeles, CA

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Valerie L. Jewells, DO
Chapel Hill, NC

William T. O'Brien, Sr., DO
Sacramento, CA

Wade H.M. Wong, DO,
FAOCR, FACR
San Diego, CA

Daniel Appelbaum, MD
Chicago, IL

Kee D. Kim, MD
Sacramento, CA

William E. Shiels II, DO
Columbus, OH

Full faculty listings can be found on the [AOCR website](#).



Thursday, Oct. 9 Friday, Oct. 10 Saturday, Oct. 11 Sunday, Oct. 12

7:00 am Registration
7-8:30 am Breakfast
7:15 am

Opening Remarks
Wade Wong, DO,
President

**Focus Session 1:
Degenerative Spine**

7:30 am
How to Evaluate and
Treat a Patient with Low
Back Pain **Watanabe**
8:00 am
Disc Nomenclature and
Lexicon **Watanabe**
8:30 am
Degenerative Diseases of
the Spine **Albers**
9:30 am
Discography and Disc
Interventions **Wong**
10:30 am
Interventional Procedures
for Facet Disease
Benyamin
11:30 am
Radiculopathy vs.
Neurogenic Claudication:
Diagnosis and Treatment
Wong
12:30 pm Lunch on your own

**Focus Session 2:
Post-Operative Spine**

1:30 pm
Spinal Implants and Post-
Operative Changes
Watanabe
2:30 pm
Neuromodulation
Benyamin
3:30 pm
Interventions for the Post-
Operative Spine **Wong**
4:30-6:30 pm
DFINE Workshop

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 participants in the AOCR programs are required to disclose to the program audience any real or apparent conflict(s) of interest related to this meeting or its content. Faculty disclosure information is included in the course syllabus and will be disclosed by faculty as they present.

7:00 am Registration
7-8:30 am Breakfast
7:30 am

ACA and the Future of
Medicine **Manchikanti**

**Focus Session 3:
Spine Trauma**

8:30 am
Cervical and Thoracic
Spine Trauma **Jewells**
9:30 am
Pediatric Spine Trauma
O'Brien—Webinar
10:25 am
Lumbar Spine Trauma
Jewells

**Focus Session 4:
Special Spinal Measures**

11:15 am
Transaxially Guided
Interventions **Wong**
12:05 pm
Fluid Collections
Watanabe
12:35 pm Lunch on your own
1:30 pm
ICD-10 **Manchikanti**

**Focus Session 5:
Sacrum and Adjacent
Structures**

2:30 pm
Imaging of the Sacrum
and Sacral Interventions
Watanabe
3:00 pm
Interventions for Pelvic
and Parapelvic Pain
Wong
3:30 pm
Nuclear Medicine and
PET of the Spine
Appelbaum
4:30-6:30 pm
CareFusion Workshop

7:00-8:30 am Breakfast

**Focus Session 6:
Spine and Beyond**

7:00 am
Spinal Vascular Disease
Wong—SAM Credit
7:50 am
Peripheral Nerve Disease
Watanabe
8:20 am
Spinal Sports Injuries
Stone
9:20 am
Degenerative Spine
Disease—Surgeon's
Perspective **Kim**

**Focus Session 7:
Spine Neoplasia**

10:20 am
Neoplastic Disease of the
Spinal Canal **Hancock**
11:15 am
MRI of Pathologic Bone
Marrow **Albers**
12:10 pm Lunch on your own
1:10 pm
Vertebral and
Paravertebral Neoplastic
Disease **Hancock**
2:05 pm
Vertebral Tumor Ablation
and Augmentation **Stone**
3:00 pm
Neoplastic Disease of the
Spine—Surgeon's
Perspective **Kim**
3:50 pm
Spine Review: Cased
Based **Watanabe**

Accreditation

The AOCR is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The AOCR designates this live activity for a maximum of 33 AMA PRA Category 1 credits™.

The AOCR is accredited by the American Osteopathic Association (AOA). The AOA has approved this CME Activity for 33 Category 1-A credits.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

7:00-8:30 am Breakfast

**Focus Session 8:
Spine Infection/Inflammation**

7:00 am
Adult Spine Infections/
Inflammation **Wong**
7:50 am
Pediatric Spine Infection/
Inflammation **Shiels**

**Focus Session 9:
Pediatric Spine**

8:45 am
Congenital Malformations
of the Spine **O'Brien**
9:40 am
Pediatric Spine Tumors
and Mass-Like Lesions
O'Brien
10:35 am
Interventional Procedures
-Spine/Paraspinal Soft
Tissues **Shiels**

**Focus Session 10:
Future Advances**

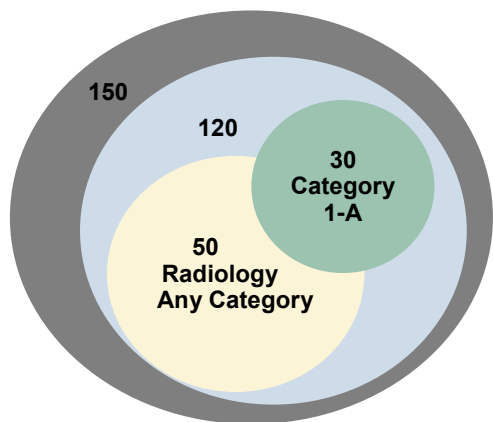
11:30 am
Stem Cell Therapy
Hancock
12:20 pm
Communication Strategies
– The Radiology Report
Min

CME Guide

Current Cycle Jan. 1, 2013-Dec. 31, 2015

AOA Requirements Per Three-Year Cycle

See the [AOA CME Guide](#) for the most recent guidelines.



- 150 Credits to receive a Certificate of Excellence in CME
- 120 Total credits required for certification
- 50 Credits must be in radiology and maybe obtained in any category
- 30 Credits must be Category 1-A

Physicians entering the program mid cycle will have their credit requirements prorated

AOCR Requirements Per Cycle

Per the AOCR Bylaws, "Active and Associate members who are subject to the Continuing Medical Education (CME) requirements of the AOA shall maintain the required 120 hours during a designated three (3) year period, of which a minimum of 25 hours shall be AOCR sponsored CME activities in Category 1-A.

Life, Retired/Active and Retired/Associate members shall be exempt from AOCR CME requirements."

State License Renewal Requirements

State requirements vary and do not always concur with the AOA CME Cycle. Click [here](#) to see the most recent AOA document listing requirements for each state.

AOBR OCC Requirements

AOBR Time-Limited diplomates must meet the AOA CME requirements as they have been required in the past. However, within OCC, more specific types of CME will be required. To view requirements visit www.aobr.org.

1
Online at
www.aocr.org

2
By phone at
800-258-2627

3
By mail to
AOCR
119 East Second Street Milan,
MO 63556

4
By fax at
660-265-3494

Have you renewed your membership?

Four Easy Ways to Renew

The 2014-2015 Membership Renewals statements have been mailed. Please renew your membership to ensure uninterrupted member benefits.



AMERICAN OSTEOPATHIC BOARD OF RADIOLOGY

142 East Ontario Street, 4th Floor, Chicago, IL, 60611 • 800-621-1773 ext. 8072 • aobr@osteopathic.org

Protect Your Time-Limited Board Certification

If you have a 10-year time-limited AOBR certification (Primary or CAQ) you are **required** to enroll and comply with OCC in order to maintain your board certification. Non-compliance may result in loss of your board certification.

[Click here to enroll / Renew Annually](#)

Important Notice to all AOBR Diplomates

The AOBR office has moved to AOA Headquarters in Chicago. Karin Best, AOBR Certification Manager or Kathy Potvin, AOBR Certification Specialist, may assist you with any questions related to board certification with the AOBR. Please use the following new contact information for all AOBR related questions:

142 East Ontario Street
4th Floor
Chicago, IL 60611
800-621-1773 ext. 8072
312-202-8072
aobr@osteopathic.org

2015 Exam Schedule

Exam	Date	Location	Application Deadline*	Fee Deadline**
Subspecialty (CAQ) Exam	May 13-14, 2015	Chicago Marriott Suites O'Hare Rosemont, IL	Sept. 1, 2014	Feb. 1, 2015
Diagnostic Radiology Oral Exam	May 14-16, 2015	Chicago Marriott Suites O'Hare Rosemont, IL		Dec. 1, 2014
Radiation Oncology Oral Exam	May 14-16, 2015	Chicago Marriott Suites O'Hare Rosemont, IL		Dec. 1, 2014
Diagnostic Radiology OCC Exam***	May 13-14, 2015	Chicago Marriott Suites O'Hare Rosemont, IL	Feb. 1, 2015	Feb. 1, 2015
Radiation Oncology OCC Exam	May 13-14, 2015	Chicago Marriott Suites O'Hare Rosemont, IL	Feb. 1, 2015	Feb. 1, 2015
Subspecialties (CAQ) OCC Exam***	May 13-14, 2015	Chicago Marriott Suites O'Hare Rosemont, IL	Feb. 1, 2015	Feb. 1, 2015
Diagnostic Radiology Written Exam Part I - Physics & Part II - Diagnostic Imaging	Fall 2015– Exact Date TBD	O'Hare Hilton Chicago, IL	Feb. 1, 2015	July 1, 2015 <i>Fee covers both exams</i>
Radiation Oncology Written Exam	Fall 2015– Exact Date TBD	O'Hare Hilton Chicago, IL	Feb. 1, 2015	July 1, 2015
Diagnostic Radiology OCC Exam***	Fall 2015– Exact Date TBD	O'Hare Hilton Chicago, IL	July 1, 2015	July 1, 2015
Subspecialties (CAQ) OCC Exam***	Fall 2015– Exact Date TBD	O'Hare Hilton Chicago, IL	July 1, 2015	July 1, 2015
Subspecialty (CAQ) Exam	Fall 2015– Exact Date TBD	O'Hare Hilton Chicago, IL	Sept. 1, 2014	Feb. 1, 2015

*Exam Applications can be found at www.aobr.org

**Exam Fees can be paid via credit card online, sending a check to the AOBR office or by phone at 312-202-8072 with a credit card.

***In order to register for the OCC exams, diplomates **must** be enrolled in OCC.

AOCR Education Foundation

The AOCR is grateful to the following members who have contributed to the AOCR Education Foundation from July 1, 2014, to September 2, 2014. The listing reflects the donor's lifetime contributions.

Trustee Level

Contribution of \$10,000 and above
Frederick E White, DO+

Curator Level

Contributions of \$5,000 and above
Paul J Chase, DO+

President's Level

Contributions of \$2,000 and above

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Patrick T Crimmins, DO
Joseph F Dorsten, DO+
Martin Bruce Farkas, DO
Rosemarie Hackett, DO
Andrew Mizzi, DO
Gregory J Ostrowski, DO
Rocky Saenz, DO
Donald W Stamper, DO
Virginia A Syperda, DO+

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Michael Caccamo, DO

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Ronald A Stillerman, DO
Michael W Tieff, DO
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+ Denotes a contribution to the Pamela A. Smith Scholarship Fund

New AOCR Members

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Eric van Staalduinen
Ariadne Vogel
Shane Weber, DO
Crystal Yi, DO

In Memoriam

Rolan J. Bingham, DO, 74, of Lisbon, OH, passed away on April 8, 2014.

Dr. Bingham graduated from what is now known as Chicago College of Osteopathic Medicine of Midwestern University in Chicago, IL, in 1965. Dr. Bingham completed an internship at Detroit Osteopathic Hospital in Detroit, MI in 1966, and a radiology residency at Parkview Hospital in Toledo, OH, in 1970. He enjoyed his private practice at Fireland's Hospital in Sandusky, OH from 1985 to 1999. Dr. Bingham retired in 2000, but he found that he missed his work, so he returned part-time, working in Florida, and then back to the East Liverpool City Hospital in East Liverpool, OH.

He became an Active Member of the AOCR in 1973 and a Life Member in 2004. Dr. Bingham was certified by the AOBR in radiology in 1973.

Dr. Bingham is survived by his wife, Ina Marie Bingham; daughters, Carrie Marie Bingham and Lisa M. (Keith) Glass; sons, Brandon John Bingham, David (Jackie) Swiers, and Lon Albert (Alexis) Swiers; one brother and 11 grandchildren.

Samuel P. Kurn, DO, 88, of Freeland, MI, passed away on June 11, 2014.

Dr. Kurn graduated from the Chicago College of Osteopathic Medicine of Midwestern University in Chicago, IL, in 1954. Dr. Kurn completed an internship at Flint Osteopathic Hospital in Flint, MI in 1955, and a radiology residency at Saginaw Osteopathic Hospital in Saginaw, MI in 1974. In 1975 he began working for Bay Osteopathic Hospital, where he served as Chief of Staff for 10 consecutive years. He also served as a staff radiologist at Bay Medical Center and operated his own radiology clinic, Medical Imaging in Bay City, until his retirement in 1998.

Dr. Kurn became an Active Member of the AOCR in 1983 and a Life Member in 1993. He was certified by the AOBR in radiology in 1983.

He is survived by his wife, Marilyn; three sons, Mark (Ellen) Kurn, Jeffrey (Grace) Kurn and Dr. David (Olga) Kurn; one daughter, Nancy Kurn and six grandchildren.

RECENT FOUNDATION ACTIVITIES

- August Resident Lecture—Sharon Segal, DO, Focused Specialty Review—Ultrasound
- June 6, 2014, Visiting Professor Program—Wade Wong, DO—Botsford Hospital
- June Resident Lecture—Christopher Cerniglia, DO, *Focused Specialty Review*—MSK

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