Message from the Chair
Cultivating excellence

The Department of Anesthesiology and Perioperative Medicine’s new interns, residents, fellows and faculty members are here, and I am thrilled to report that we have recruited a bunch of superstars. Not only are they incredibly gifted intellectually, they are also talented clinicians, hard workers and nice people.

So why is it that they and the many others who are already with us choose to work and practice at OHSU and within our department? Some come because of proximity to family and friends, while others come because they are drawn to the Pacific Northwest. However, most make the journey because of our vision and reputation for excellence. We are known as one of the best academic departments of anesthesiology in the nation, and one that is always working aggressively to become better. We are passionate providers of the best care, and encourage a healthy work-life balance. We believe that the best patient care is created by clinicians who are talented and committed; by a training program that uses the best tools available to educate trainees and contribute to faculty development; by a research environment intent on improving human health; and by an administrative infrastructure that enthusiastically supports each of these missions.

As I approach the end of my 11th year as chair, we are in the final stages of completing our second update of our departmental strategic plan. While considering how to further excel in the areas of clinical practice, discovery, administrative efficiency and training/education, I’ve given considerable thought as to why we have been able to reach our current level of success. I believe it stems from an incredibly thorough

(continued on page 3)
Opportunities for innovation: Dr. Woodworth shares his vision

As director of regional anesthesia, Glen Woodworth, M.D., assistant professor of anesthesiology and perioperative medicine, is responsible for coordinating and guiding the administrative, research and educational activities related to regional anesthesia.

What is your vision as director of regional anesthesia? I want to continue the tradition of clinical excellence and innovation that has been an integral part of the regional team. The program has made great strides and has been a national leader in ultrasound-guided regional anesthesia and the use of peripheral nerve catheters. The good and bad news is that we have reached a level of maturity and success, but what is the future of regional anesthesia? What will keep us at the forefront of our subspecialty? My goal is to challenge the division to develop a new strategic plan to guide us over the next five years.

Some areas that I would like our team to explore as strategic objectives include the implementation of a competency-based curriculum, tighter coordination with other teams including nursing, the pre-op clinic, the acute pain service, and our surgical colleagues, and developing a stronger culture of inquiry and the production of scholarly work that answers important clinical questions.

How will you strengthen the program? My initial focus is on the implementation of a new regional anesthesia curriculum. The Accreditation Council for Graduate Medical Education (ACGME) is requiring residency programs to implement a competency-based model of education and evaluation. This presents us with a huge challenge, but also an opportunity. The challenge is that nobody really knows how to accomplish what the ACGME is requiring. It will definitely involve retooling our curriculum and developing ways of assessing resident competence. The opportunity is that we can be a leader in this area in terms of innovation and scholarly work to determine what works and what doesn’t. For example, is a resident competent to perform a thoracic epidural with indirect supervision? How do we prove it? How many times should the resident be “tested?” Do you only need to pass the test once? Isn’t it possible that competency can degrade over time? What implications does this have for assessment of competency? These are all unanswered questions and present an opportunity to pursue scholarly activities in this area.

How does your role as director of the regional anesthesia and acute pain medicine fellowship program fit in? My role as the director of the fellowship program has been focused on the educational development and scholarly activities of the regional anesthesia and acute pain medicine fellows. My new role is really expanding my work to include the residents. However, these activities fit into the greater context of the clinical and educational missions of the division. One of my goals will be to find leaders to take over some of the responsibilities!

Christopher Swide, M.D., appointed assistant dean for graduate medical education

Associate Dean for Graduate Medical Education, Patrick Brunett, M.D., FACEP, has appointed Christopher Swide, M.D., associate professor of anesthesiology and perioperative medicine, to the role of assistant dean for GME, effective July 1, 2013.

“Dr. Swide brings more than a decade of experience in GME program leadership to his new role, and has won national recognition for quality and innovation in the anesthesiology program,” said Dr. Brunett. “He’s demonstrated his expertise and engagement as a member of the GME Committee and Executive Committee, and as chair of the Duty Hours Subcommittee. We look forward to his continued leadership.”

As assistant dean for GME, Dr. Swide will assist in providing leadership in all program and policy issues relating to GME, including planning, implementing and evaluating GME strategies and initiatives. Dr. Swide will assist the GME division in assuring full implementation by all training programs of the ACGME Next Accreditation System, including Milestones. He will also continue to chair the GME Duty Hours Subcommittee. Dr. Swide is particularly interested in working with program directors to optimize their recruitment and retention activities and to ensure residents receive timely and appropriate guidance as they progress through their programs.

“I’m honored and excited by this opportunity,” said Dr. Swide. “Graduate medical education is a significant part of our clinical and education missions, and I look forward to working with house officers, GME leaders and program directors as we maintain and improve the excellence of GME at OHSU.”

Dr. Swide is vice chair for education and program director for the Oregon Scholars Program – a four-year training program which combines the core anesthesiology residency with training in critical care or research.
Left: Christopher Swide, M.D., recognizing Jeff Mako, M.D., Oregon Scholars Program graduate, at the recent APOM graduation celebration. Read about Dr. Swide's new appointment on page 2.

Right: Nabil Alkayed, M.D., Ph.D., directing a lab meeting.

**Message from the Chair (continued)**

understanding of and commitment to our vision throughout the department, an extremely strong sense of “team” and the ability for department members to also enjoy their life outside of the hospital. We are very fortunate to have such a great level of excellence and maturity in each of our mission areas.

In the area of clinical care, our division chiefs are offering regular updates in clinical practice to ensure the highest level of care. We have made substantial advances for patients with implanted cardiac devices, patients having large back surgery procedures or requiring regional anesthesia, TAVR patients and patients with destination cardiac assist devices. Our approach to faculty development is forward thinking, including continuous introduction of state-of-the-art improvements in clinical practice. We’ve also made substantial improvements in the efficiency of care being provided in the perioperative period through our leadership and engagement in OPEX (lean) management strategies.

Our education and training programs are thriving. The ASPIRE program, the only such program in the US, continues to grow and mature. Our education group is collaborating with education research experts both within and outside OHSU. The continued success of our programs will be based on the evidence-based approach to teaching adopted under the leadership of Christopher Swide, M.D., Amy Miller Juve, M.Ed., Ed.D., and Glenn Woodworth, M.D.

In the area of research and other scholarly work, our strategy is focused and collaborative. Our bench research group has been amazingly successful in securing extra-mural funding and is working with other outstanding scientists at OHSU. Our clinical research group has secured significant funding to conduct mostly comparative effectiveness research from industry. Cal Tanabe, M.D., and Mayho Tanabe, M.D., recently funded a new clinical research endowment to assist clinical research innovations. Leveraging their investment, along with the Fred Fax Endowed Professorship (Jeffrey Koh, M.D.) and the Knight–Metcalfe Endowed Professorship (Nabil Alkayed, M.D., Ph.D.), is a critical part of our strategy for continued support of scholarly advancement.

Of course, none of our accomplishments would be possible without the outstanding support of our administrative group. I am pleased to see our administrative team growing even stronger, resulting in outstanding efficacy and improved morale.

The updated strategic plan will be posted on our department website soon. I look forward to hearing your feedback in the near future.

**VERG: Investigating endothelial mechanisms**

The OHSU Knight Cardiovascular Institute, made possible by a $125 million gift from Nike co-founder and Chairman Phil Knight and his wife Penny, has several research components, including the Vascular Endothelial Research Group (VERG), headed by APOM Vice Chair for Research, Nabil Alkayed, M.D., Ph.D.

The vascular endothelium plays a critical role in cardiovascular physiology and disease. VERG is aimed at investigating mechanisms underlying endothelial function and dysfunction. The proposed program builds on existing resources within APOM. The program's main goal is to elucidate endothelial mechanisms underlying blood flow auto-regulation in the cerebral and coronary circulations. Specifically, efforts will be focused on identifying endothelial cell sensors and receptors of shear stress and intraluminal pressure, downstream eicosanoid signaling pathways and their putative receptors and mechanisms of action.

Dr. Alkayed is also on the Research Executive Committee for the institute and has spearheaded this close collaboration between the institute and the APOM Research team. VERG is part of a larger effort to develop a Vascular Biology Center (VBC). A national search for a VBC director is currently under way, with Dr. Alkayed as head of the search committee.
I first met Dr. Rex Underwood when he attended the department’s 50th anniversary celebration in 1998. We used his reminiscences of the Department of Anesthesia at the University of Oregon Medical School (OHSU’s precursor) as a chapter in the book *History of Anesthesia in Oregon*. Most of what follows is drawn from that chapter.

Dr. Underwood began his residency training at the University of Oregon Medical School in 1956, after completing a second term in the US Navy (1955-1956). Born in Eugene, Ore., he graduated from Stanford University in 1950. He had previously earned a masters degree in physiology along with his M.D. degree from the U of O Medical School, where his interest in anesthesiology was sparked by a lecture from Fred Haugen, M.D., former chief of the division of anesthesiology.

“The twins were joined at the sternum to the level of the mid-abdomen. Intubating them was a challenge.”

– Rex Underwood, M.D.

During his residency, he learned the use of nitrous oxide, ether, cyclopropane and ethylene as inhalational agents. At that time, IV sodium pentothal for induction or inhaled divinyl ether (for children) was used. “Supplementary agents such as narcotics or tranquilizers (neuroleptic agents) were used with much caution. The most common general anesthetic mixture was nitrous oxide, oxygen and diethyl ether, abbreviated as “GOE” and administered with the semi closed circle system,” Dr. Underwood said. “No cardioscopes, no pulse oximeters, and no gas analyzers were in use at that time.”

After he completed his residency in 1957, Dr. Underwood stayed on as faculty. He saw many innovations in anesthesiology ushered in during this time. “Mechanical ventilation of anesthetized patients was beginning to become commonplace in 1959. No pressure alarms or volume monitors existed, so it was an exciting situation when disconnects occurred in patients covered by drapes. As surgeons began to use more electrocautery, and more electronic devices were being used in the OR, it became obvious that we needed a non-flammable inhalation agent. Halothane was introduced just after I finished my residency training and eventually drove ether out of clinical usage.”

Dr. Underwood participated in the first cardiopulmonary bypass procedures at the medical school. He and John Roth, M.D., figured out a way to introduce a mixture of cyclopropane, oxygen and carbon dioxide into the disc oxygenator to provide anesthesia during bypass.

He also took part in groundbreaking organ transplantations. Treatment of end stage kidney disease was in its infancy in the early sixties. Transplantation was feasible only in identical twins because immunosuppressive drugs were not yet developed. The first transplant effort he was involved in was between a baboon and a human, and the rejection process was “swift and fatal.”

The next transplant attempt was much more successful. He and Dr. Roth anesthetized identical twin girls in October 1959. The surgical team was led by Joseph E. Murray, M.D., from the Peter Bent Brigham Hospital in Boston, Mass., who received the Nobel Prize in Medicine in 1990 for his pioneering transplant work. This was just the 18th completed organ transplant in the world. Both twins corresponded with their doctors throughout the years. The recipient died in 2010, and her donor sister is still living.

Dr. Underwood served as one of the anesthesiologists on another landmark case for the U of O Medical School: the separation of conjoined twins. “The twins were joined at the sternum to the level of the mid-abdomen. Intubating them was a challenge,” he said. The operation was considered successful; however, one twin died three days later, while the other survived.

Dr. Underwood joined Kaiser Permanente in 1967, as director of anesthesiology at the Permanente Clinic and Bess Kaiser Medical Center. In 1976, he took a similar position at Sunnyside Kaiser. He retired from full-time practice in 1989, and retired completely in 1993. He and his wife, Julie, live on the Siuslaw River in Mapleton, Ore., where they cultivate a passionate interest in music and travel. He plays both the violin and the viola, and has participated in the Oregon Coast Chamber Orchestra.
Celebrating our alumni
By Angela Kendrick, M.D.

I recently had the opportunity to enjoy dinner with several distinguished OHSU alumni, including a few who attended OHSU when it was known as the University of Oregon Medical School. Jeffrey Kirsch, M.D., and his wife, Robin, along with the OHSU Foundation, hosted the Aug. 1 event at Pazzo’s in Portland, Ore.

Rex Underwood, M.D., our featured alumnus, and his wife, Julie, were our honored guests. Earlier in the day, they toured the APOM research labs. Dr. Underwood’s last visit to the OHSU campus was in 1998.

The dinner served as a reunion for Dr. Underwood and Paul Schaff, M.D., who hadn’t seen each other in about 30 years. Dr. Underwood, Dr. Schaff, and Joanne Jene, M.D., also a dinner guest, are all former trainees of Fred Haugen, M.D., who was known for deliberately taking a vacation in July to give the senior residents an opportunity to get the new residents oriented.

Per Jarnberg, M.D., officially retired, but retaining some committee roles for the department, Betty Thompson, M.D., and her husband, John Thompson, M.D., also joined us, as did Henry Casson, M.D., and his wife, Jill, and my husband, Brad Bergquist, M.D. Dr. Casson was recognized by Dr. Kirsch for his commitment as a volunteer in the Anesthesiology Basic Science lab. He has taken on this role with great enthusiasm and dedication.

Berklee Robins, M.D., rounded out the group of guests and was recognized for his efforts in leading the H.O.P.E. (Humanitarian Overseas Physician Education) program. The Thompsons’ generous sponsorship of these humanitarian and educational mission trips continues through the Betty B. Thompson Endowment Fund.

Congratulations, Cindy Hwang, M.D.!
2013 SEA-HVO Traveling fellow

APOM continues to have great success with residents’ participation in the Society for Education in Anesthesiology-Health Volunteers Overseas (SEA-HVO) program. On June 7, Cindy Hwang, M.D., was one of nine anesthesia residents from across the country awarded the 2013 SEA-HVO Traveling Fellowship. Each fellowship recipient will serve a one month assignment at an HVO anesthesia training site in Ethiopia, Malawi or Vietnam.

Dr. Hwang will travel to Vietnam with faculty mentor Dean Lao, M.D., MPH, later this academic year. Prior APOM resident recipients of the fellowship include Ben Brooksby, M.D., (2012) and Tor Sandven, M.D., (2011).

The SEA-HVO Fellowship allows senior anesthesia residents the opportunity to improve anesthesia care in developing countries by teaching and mentoring their counterparts. The SEA-HVO fellows will be exposed to a wide range of surgical pathologies and anesthetic techniques not commonly seen in the United States. They will learn to communicate more effectively with people from different cultures and will be exposed to the realities and constraints of delivering health care in a resource scarce environment. Most importantly, SEA-HVO fellows will serve as teachers of anesthesia and role models for the anesthesia students at the HVO program site where they serve, contributing to the future safety of patients receiving anesthesia in developing nations.

Our department continues to offer opportunities for trainees and faculty to serve by practicing anesthesia overseas thanks to the thoughtful support of donors. Please know that your donations to our program allow us to continue to be a leader in resident education, and change lives all over the world. Read more on page 12 about how to help us make a difference.
2013 Graduation Ceremony

Above left: Brook Nightwalker, M.D., Kirk Lalwani, M.D., FRCA, and Kate Ropp, M.D.
Above right: Grace Chien, M.D., and Ryan Anderson, M.D.

Above left: Phillip Weidner, D.O., and Jeffrey Kirsch, M.D. Above middle: Linda Wylie, M.D., and Jordan Johnson, M.D.
Above right middle: Ola Harrskog, M.D., and Ben Brooksby, M.D. Above right: Edward Kahl, M.D., and Elliott Palmer, M.D.

Above left: Mark Baskerville, M.D., and Miko Enomoto, M.D. Above left middle: Linda Wylie, M.D., and Seth Palesch, M.D.
Above right middle: Ola Harrskog, M.D., and Ben Brooksby, M.D. Above right: Edward Kahl, M.D., and Elliott Palmer, M.D.
Above: Glen Woodworth, M.D., and Michael Semenza, M.D.

Above: (back row l to r) Michael Moore, M.D., Michael Wollenberg, M.D., Jeremy Gibson, M.D., Benjamin Sickler, M.D., Ben Brooksby, M.D., and Elliot Palmer, M.D.; (front row l to r) Elliza Chen, M.D., Michelle Marshall, M.D., Amy Opilla, M.D., Katie Schenning, M.D., and Lesley Wojcik Raphael, M.D.

Above: James Hicks, M.D., M.M.S., Michael Moore, M.D., and fiancee. Below: Renata Rusa, M.D., Heike Gries, M.D., Ph.D., and Angela Kendrick, M.D.

Above left: Linda Wylie, M.D., and Elliza Chen, M.D. Above middle: Judith Freeman, M.D., CH.B., and Lesley Wojcik Raphael, M.D. Above right: Jeffrey Koh, M.D., and Harry Kingston, M.B., B.Ch., FRCA, MBA.
New quality team, new quality dashboard
By Jamie Eastman, Ph.D., MPH, and Matt Schreiner

Over the past year, the quality division of APOM has undergone a number of staffing changes. Matt Schreiner is now the quality improvement analyst. While he has been in the department since 2008, he moved from scheduling to quality improvement in November 2012. Matt is a native Oregonian and grew up in Corvallis before moving to Eugene to attend the University of Oregon. When he’s not working, Matt enjoys mountain biking, skiing, Duck football and spending time with his wife, Meghan, and their two children, Logan (seven) and Rylee (one).

In June, Jamie Eastman, Ph.D., MPH, joined the department as the clinical outcome and quality improvement director. Jamie grew up in Wyoming before moving to Seattle for her undergraduate degree. She recently earned her Ph.D. in epidemiology from the University of Pittsburgh. She’s thrilled to be back in the Pacific Northwest and is looking forward to exploring her new home. In her free time, she enjoys running, reading and spending time with her husband.

“Dashboards are a great tool to provide information, but they don’t provide an explanation about why the data looks the way it does.”
– Jamie Eastman, Ph.D., MPH, and Matt Schreiner

As a new team, we sat down to create priorities for quality projects and develop a plan for the next year. One of the things that stood out was the need for a way to disseminate current quality data to department members in an easy to read format. Quality indicator dashboards have long been used by hospitals and medical departments, but have gained more attention in recent years as an effective and easy way to help improve patient care. The purpose of a dashboard is to display comprehensive data in an easy to read and interpret format. Ideally, these tools are simple to update so that they can remain current and provide relevant information for decision making, identify potential problems and evaluate ongoing quality projects.

The implementation of the quality dashboard for the department will be gradual. The first versions were rolled out early this fall, but the project will continue to grow for several months as we add new measures. In the initial stages, we chose to focus on the measures that are already tracked for hospital quality reporting purposes, including SCIP measures (antibiotic administration and intra-operative temperature managements), CLABSI cases and mortality. Information contained in the dashboards will be updated monthly with the newest data available. There is always a small delay from when data is available to when it can be analyzed and added to the dashboard, so you may see that some measures are more current than others.

Dashboards are a great tool to provide information, but they don't provide an explanation about why the data looks the way it does. To address this, the quality team will regularly examine the data from the dashboard to identify opportunities for learning and improvement. While the quality team will be doing this every month, these assessments will be formally put together in quarterly reports that will be disseminated to the department. These will go beyond the initial information contained in the dashboard to include information about ongoing efforts, best practices and comparisons to national quality data sources. This will also serve as a tool to identify potential quality improvement and research projects.

Like most quality projects, the process of creating the dashboard and reports is constantly evolving. We will be adding new indicators over time to meet the needs of the hospital and the department. In addition, the format may change as we get feedback from individuals about how they are best able to see and respond to the data. We welcome input from department members on the dashboard, including what indicators should be used and how the data can best be displayed.
FY13 grant awards off to a banner start

Julie Saugstad, Ph.D., associate professor of anesthesiology and perioperative medicine and director of APOM Core Molecular Laboratories, has been awarded a prestigious UH2/3 award from the National Institutes of Health (NIH) to study "Clinical Utility of MicroRNAs as Diagnostic Biomarkers of Alzheimer’s Disease.” The view that RNA molecules are restricted to the inside of the cell and translating genes into proteins, has evolved as small RNA species, known as extracellular RNA (exRNA), were found to be exported from cells and playing a role in newly discovered mechanisms of cell-to-cell communication or Extracellular RNA Communication (ERC). NIH recently announced that it will award $17 million this year to improve scientists’ understanding of ERC, including support to 10 groups nationally to investigate the potential clinical utility of exRNA as disease biomarkers. Dr. Saugstad’s group will explore the potential use of exRNA in human cerebral spinal fluid as biomarkers to diagnose and predict the onset and course of Alzheimer’s disease. Joseph Quinn, M.D., professor of neurology, is co-principal investigator on the project.

Nabil Alkayed, M.D., Ph.D., professor and vice chair for research of anesthesiology and perioperative medicine, received an R21 from that National Institute on Aging at NIH to study “Endothelial Mechanism of Vascular Cognitive Impairment (VCI).” Vascular dementia, or vascular cognitive impairment (VCI), is the second most common cause of dementia after Alzheimer’s disease, but the underlying mechanism is unknown and no specific therapy is currently available for VCI. The proposal will investigate the role of a specific enzyme, called soluble epoxide hydrolase (sEH), in VCI, which may lead to the development of disease-specific and mechanism-based treatment for VCI. The proposed studies may also lead to the development of genetic and biochemical biomarkers to predict and diagnose VCI. Dr. Alkayed will be joined on this study by Martin Pike, Ph.D., Jacob Raber, Ph.D., and Marjorie Grafe, M.D., Ph.D.

Jeff Iliff, Ph.D., assistant professor of anesthesiology and perioperative medicine, has received an award from the Oregon Tax Checkoff Alzheimer’s Research fund, administered by the Oregon Partnership for Alzheimer’s Research, to study "Evaluating age-related failure of perivascular solute clearance pathways.” Dr. Iliff will test the hypothesis that both normal aging and chronic reductions in blood flow to the brain cause this brain-wide clearance pathway to fail. These experiments will take advantage of recently developed imaging approaches including 2-photon laser scanning microscopy available through the Jungers Center for Neuroscience Research at OHSU to directly measure in mice the efficiency of these pathways and how that efficiency may decline over time with chronic reductions in brain blood flow. The study will additionally capitalize on human brain tissue from well-characterized healthy aging and Alzheimer’s disease patients available through the Oregon Brain Bank. These tissues will be studied to determine whether aging human brains, or those from Alzheimer’s disease sufferers, similarly exhibit molecular signatures consistent with the failure of this brain-wide clearance pathway.

Omar Halawa, M.D., anesthesiology and perioperative medicine resident, received an Early Investigator Career award from the Oregon Medical Research Foundation to study “Photosensitization as a marker for central sensitization in chronic pain.” Dr. Halawa will attempt to unmask brain changes (central sensitization) that are thought to be vital to the development and progression of chronic pain. His goal is to validate photosensitivity as a marker for these brain changes. He hypothesizes that patients with fibromyalgia, a chronic pain syndrome of unknown pathophysiology, will be more sensitive to light than their healthy counterparts. This would establish a potential marker for identifying this process in chronic pain patients and therefore a means for diagnostic and therapeutic interventions that could alleviate their suffering.

Research awards and recognition

Nabil Alkayed, M.D., Ph.D., professor and vice chair for research of anesthesiology and perioperative medicine, received one of three awards in the 2012-2013 Transgenic Mouse Core Competitiveness competition. This award means that Dr. Alkayed will be able to have mice created from his ES cells for a transgenic colony. He will share these mice with Anthony (Paul) Barnes, Ph.D.

Sarah Mader, senior research assistant and lead technician for the Tissue and Cell Culture Core, is the recipient of the 2013 Lab Products Animal Technician Travel Award for the American Association for Laboratory Animal Science (AALAS) District 8! This award recognizes Sarah’s hard work and dedication to the field of laboratory animal science. She will be formally recognized with a plaque at October’s national AALAS meeting.

Heather Hoem, executive specialist, has been appointed to serve on the ROSE Committee. She will join others at OHSU in helping to select recipients of ROSE awards, recognizing service excellence within the institution.
Celebrating education
Congratulations graduates and welcome new scholars

Summer was a very exciting time for our education office. We said goodbye to our graduates and welcomed our new scholars. Department members, alumni and honored guests gathered at the Columbia Edgewater Country Club on June 15 to celebrate the accomplishments of our interns, residents and fellows as they transitioned to the next stage in their careers. (See the graduation photo spread on page 6.)

Our graduates for 2012-2013 are:

**Residents**
- Dr. Ben Brooksby: OAG/Good Sam – Corvallis, Ore.
- Dr. Elliza Chen: University of Minnesota SoM
- Dr. Michael Moore: Columbia Anesthesia Group – Vancouver, Wash.
- Dr. Amy Opilla: OHSU Pediatrics Fellowship
- Dr. Elliot Palmer: OHSU Pain Fellowship
- Dr. Ben Sickler: OHSU Cardiothoracic Fellowship
- Dr. Lesley Wojcik: Columbia Anesthesia Group – Vancouver, Wash.

**Oregon Scholars Program**
- Dr. Jeremy Gibson: Sunnyside Kaiser – Clackamas, Ore.
- Dr. Jeff Mako: Yampa Valley Medical Center – Steamboat Springs, Colo. (Community)
- Dr. Michael Wollenberg: OHSU

**Critical Care Fellowship**
- Dr. Mark Baskerville: OHSU
- Dr. Monirath Saly: Evergreen Hospital – Kirkland, Wash.

**Pain Fellowship**
- Dr. Jeff Moller: Bellingham Anesthesia Associates – Bellingham, Wash.
- Dr. Phillip Weidner: Alaska Native Medical Center – Anchorage, Alaska

The new academic year began in July, and we welcomed 12 interns, two critical care fellows, one cardiothoracic fellow, three pain management fellows, three pediatric anesthesia fellows, and one regional fellow.

Our new interns are featured on page 11.

Our new fellows are (name: residency/medical school):

**Critical Care Fellowship**
- Dr. Marshall Lee: UMDNJ – New Jersey Medical School/
  Drexel University College of Medicine
- Dr. James Cooney: Stanford University/Georgetown
  University SoM

**Cardiothoracic Fellowship**
- Dr. Ben Sickler: OHSU/University of North Dakota SoM

**Pain Fellowship**
- Dr. Andrei Sdrulla: Johns Hopkins Hospital/Johns Hopkins
  University of Medicine
- Dr. Salar Deldar: Stanford University/University of Alabama
  at Birmingham
- Dr. Elliot Palmer: OHSU/West Virginia University SoM

**Pediatrics Fellowship**
- Dr. Amy Opilla: OHSU/University of Virginia SoM
- Dr. Christine Martin: UC San Francisco/Washington
  University, St. Louis

**Regional Fellowship**
- Dr. Michael Semenza: Castle Medical Center and/or Windward
  Surgery Center – Kailua, Hawaii
- Dr. Christopher Mingrone: University of Washington/Jefferson
  Medical College
Introducing APOM’s new interns

**Michael Carrigan, M.D.**
University of Minnesota Medical School
Michael received his B.S. in civil engineering from the University of Colorado, Boulder. He enjoys hiking, camping, reading, brewing beer and spending time with family.

**Austin Peters, M.D.**
New York University SoM
Austin matched to our Clinical Scientist program. He received his B.S. in biology and business administration from Fordham University in N.Y. He took a research year in order to work at SpineService, a specialized research group with NYU Hospital for Joint Diseases Department of Spine Surgery. He enjoys running, biking, wilderness medicine and global health.

**Ran (Diana) Cheng, M.D.**
Jefferson Medical College
Diana received her B.S. from Cal State Fullerton. She enjoys gardening, meditation and animals. She was awarded first place in undergraduate presentation at the GWS conference.

**Justin Ramos, M.D.**
University of Nevada SoM
A member of AOA, Justin received his B.S. in biology and Spanish from the University of Nevada, Las Vegas. He is a Humanism and Professionalism award winner at UNR medical school and rotated with APOM as a visiting medical student this past fall. Justin enjoys hiking, tennis, wakeboarding and snowboarding.

**Michelle Tully, M.D.**
OHSU SoM
Michelle matched to our Critical Care Categorical program. A member of AOA, Michelle received her B.S. in biology from Whitworth University. She received the highest ratings of any medical student APOM has ever had from both 8C and our regular rotation. Michelle enjoys being active and currently plays recreational co-ed flag football and kickball.

**Ashley Valentine, M.D.**
Stanford University SoM
Ashley received her B.S. in biology and French and her M.S. in nutritional sciences from the University of Wisconsin-Madison, and is currently completing her nutritional sciences Ph.D. She is a member of the Phi Beta Kappa Honor Society, Golden Key International Honor Society, and the Phi Eta Sigma Honor Society. She enjoys outdoor activities, cooking meals to share, and jazz music.

**Admire Kuchena, M.D.**
Mayo Medical School
Admire matched to our Advanced program and will join us in July 2014. Admire received his B.S. in chemistry and biochemistry from Carleton College. He was selected for a full scholarship to attend Mayo. He is an avid cook and enjoys research, traveling and running.

**Michael Carrigan, M.D.**
University of Minnesota Medical School
Michael received his B.S. in civil engineering from the University of Colorado, Boulder. He enjoys hiking, camping, reading, brewing beer and spending time with family.

**Ran (Diana) Cheng, M.D.**
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Believe it or not, tax season is right around the corner. Make a gift to APOM before the end of the year. Your tax-deductible contribution will make a powerful and lasting impact on the lives of countless patients and their families as well as on our next generation of anesthesiologists. You can direct your support to one or more of a variety of department endeavors including research, educational lectureships, resident training, public health outreach, improvements in patient care and continuing medical education.

**Make a gift through your IRA**
The IRA Charitable Rollover extension is back for those individuals age 70 ½ and over. Under this legislation, direct gifts to the OHSU Foundation from your IRA can
1. Be an easy and convenient way to make a gift from one of your major assets
2. Be excluded from your gross income (a tax-free rollover)
3. Count toward your required minimum distribution

**Support APOM (and yourself) with a gift annuity**
A gift annuity is a great way to make a difference while providing you and/or a loved one with a guaranteed and predictable income stream, immediate tax deduction and other tax benefits. The OHSU Foundation is available to assist you in setting up an annuity that works best for you and your individual circumstances.

**Other planned gift options**
A number of other planned gift options are available to help you support the future of the Department of Anesthesiology and Perioperative Medicine. These include bequests, trusts and other tools that can give you the power to leave a legacy of excellence, often with tax savings and other financial benefits to you or your heirs. The OHSU Foundation’s gift planning professionals are available to assist with gifts of real estate and other tangible property, stocks, bonds, and other marketable assets.

**The strength of endowment gifts**
Establishing an endowed fund or giving to one of our existing endowed funds means that your gift will grow over time and help to create perpetual support for educational programs and scholarships, lectureships, professorships, academic or clinical chairs and other programs. When you establish an APOM endowment fund ($50,000 minimum), you have the opportunity to name that fund. This is an excellent way to honor a mentor, loved one or your family name.

**An outright gift**
You can make an outright gift of cash, stock or other assets now or pledge to pay it in installments over time.

For more information about how you can make a difference contact Christine Tye at 503 494-0104 or tye@ohsu.edu, or visit http://bit.ly/APOMgiving. The OHSU Foundation is located at 1121 SW Salmon Street, Suite 100, Portland, OR 97205.