

Ketchum

Spring 2019

MARSHALL B. KETCHUM UNIVERSITY

Wonder Women in Pediatric Eyecare | 18

A Bright Outlook | 10

Ketchum Health Family
Medicine Clinic Opens | 24

Ketchum

Ketchum Magazine is published twice a year and is sent to University alumni, faculty, staff and friends of Marshall B. Ketchum University. It is published twice a year by the Office of Marketing & Communications.

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Marshall B. KETCHUM UNIVERSITY

OUR VISION

We seek to reimagine the future of health care education.

OUR MISSION

The mission of Marshall B. Ketchum University is to educate caring, inspired health care professionals who are prepared to deliver collaborative, patient-centric health care in an interprofessional environment.

OUR CORE VALUES

Marshall B. Ketchum University is guided by the values of:

Accountability: We are committed to honesty, fairness and responsibility for our words and actions.

Caring: We strive to address the needs of our University community and others by nurturing a spirit of compassion.

Excellence: Consistent with our legacy, we are committed to achieving outcomes of the highest quality.

Innovation: We have the courage to dream and experiment with creative and unique ideas.

Respect: We value the unique talents and diversity of people, strive to work collaboratively and honor the open exchange of ideas.

Marshall B. Ketchum University and Ketchum Health is a 501 (C)(3) nonprofit institution.

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throwback



1969

50 years ago, Dean Charles Abel signed a clinic affiliation agreement between LACO and the U.S. Navy, perhaps the earliest clinic program for the college and possibly the first of its kind between a school or college of optometry and the armed forces.

With the new affiliation, fourth-year students spent a three-day rotation at the eye clinic of the Long Beach Naval Hospital under the supervision of Dr. Albert Mibeck, a U.S. Navy commander. Dr. Mibeck retired from the U.S. Navy in 1970 and joined the LACO faculty.

DO YOU HAVE an interesting throwback story and photo?
Submit your materials to marketing@ketchum.edu for consideration.



Dr. Kevin L. Alexander was named the founding President of Marshall B. Ketchum University in 2013. Under his vision and leadership, the institution has transformed from a single discipline college to a multidisciplinary interprofessional University with the addition of the School of PA Studies and the College of Pharmacy.

Dear Alumni and Friends,

I believe that some of the most important moments in our lives come when we have occasion to be powerfully reminded of our purpose – when we read or hear stories that affirm our calling and privilege us with awareness of what we are able to contribute to the world. This is why I am particularly drawn to the major stories in this issue of *Ketchum* magazine. Each of them is an expression of what is at the very core of the health care professions: helping other people be well.

Dr. Susan Cotter is a longtime faculty member at Marshall B. Ketchum University who, in addition to being a tremendous educator and selfless mentor, has devoted her career to research in the field of pediatric eye care. This year she steps into the role of co-chair of the Pediatric Eye Disease Investigator Group (PEDIG), which for more than 20 years has served as a model for a collaborative approach to studying diseases of the eye in children.

Dr. Dawn Lam is an alumna of Southern California College of Optometry who now teaches at MBKU and is a clinician in the Stein Family Cornea and Contact Lens Center at University Eye Center in Anaheim. Her work with helping patients experience improved vision has an added dimension because of her focus on working with individuals who require specialty contact lenses or prosthetics due to injury or disease.

And the University continues to expand its health care offerings to the surrounding community in conjunction with giving students valuable opportunities to practice medicine with the recent opening of the Family Medicine Clinic at Ketchum Health. Under the guidance of faculty from the School of PA Studies, students from that discipline will staff an outstanding facility for primary medical care.

The work of these great members of the Ketchum family is supported by what you'll see as a theme running through this entire issue: Ketchum University's substantial commitment to staying current with and adding to the latest research, as well as our deliberate embrace of innovative technology.

Warm Regards,

A handwritten signature in black ink that reads "Kevin L. Alexander". The signature is fluid and cursive.

Kevin L. Alexander, OD, PhD
President

By the Numbers

95

**2019 SCCO
Graduates**

12

New Microwaves

added to the Warren and
Carol Low Student Union.

45

New Patients

seen at the spring Eyewear
& Eyecare Extravaganza for
comprehensive eye examinations.

Blood drive on March 25, 2019

18

Total Donors

10

First Time Donors

48

**Potential Number of
Lives Saved**

Mexico medical mission trip

6

**OD
students**

2

**Pharmacy
students**

1 + 1

**OD
Professor**
(Dr. van de Pol)

**PharmD
Professor**
(Dr. Salman)

participating in the Lions Club medical mission to Chihuahua, Mexico.

1,890

patients seen

over the four clinic days providing eye
care, eyeglasses and health checks.

6

New Members

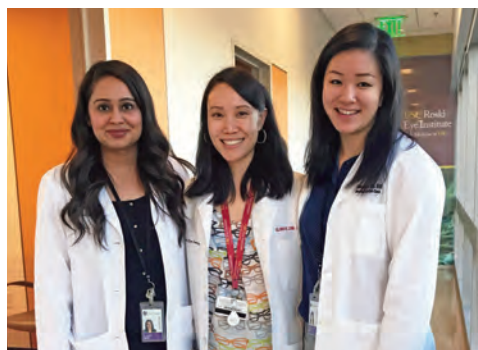
of Orange County Society of Health-Systems
Pharmacists from the College of Pharmacy.

8

MBKU marketing projects

recognized by the
Educational Advertising Awards.

Sharing the Love



USC Roski Eye Institute

@USCROSKIEYE

February 25, 2019

#usceye's Dr. Gloria Chiu taking a moment to pose with contact lens residents, Drs. Manveen Bedi and Jocelyn Ou, visiting from Southern California College of Optometry! While spending time in Dr. Chiu's clinic, they learned about specialty contact lenses for dry eye and irregular #corneas.



FLOE Optometry

@FLOEOPTOMETRY

December 21, 2018

Yesterday was bittersweet as we said goodbye to our Korean externs at the office! The past couple of weeks #FLOEoptometry was partnering with Marshall B. Ketchum University to host optometry students from Korea. This picture is from the final ceremony concluding their program... can you spot Dr. Cho? 🙄🙄🙄 We were honored to be a part of optometric experience here in the US!



Optometry Cares - The AOA Foundation

@OPTOMETRYCARES

January 25, 2019

Congratulations to the 2019 Dr. Seymour Galina Scholarship winner, Kaitlin Speth of Southern California College of Optometry at Marshall B. Ketchum University!



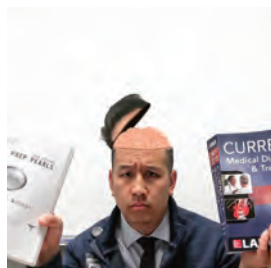
@WEAREMBKU

Blood is red, cyanosis is blue, our heart gets tachycardia when we think of you! 💜💜💜 Happy Valentine's Day and Cardio Health Week from your friendly Community Health Committee! #wearembku #mbkupumpupforcardiomonth



@MBKU_LIONSCLUB

Last week some of our Lions in the OD, Pharm, and PA Program spent their break in Chihuahua, Mexico. Traveling into the smaller mountain communities of Creel and Guachochi, these volunteers provided their skills in clinic to reach out to over 1800+ patients. We couldn't be more proud of our volunteers making Lion's Club proud and truly representing the spirit of giving back 🙌 #proudtobealion #mbkulionsclub



@AARONANGKOR

Current state of mind: Trying to fit everything neuro-related from **@PANCE_PREP_PEARLS** and CMDT 📖 into my 🧠 Anyone have any suggestions? I'm OPEN to anything. #PunIntended #LetsGoViral #Encephalitis 🤪



@SVOSHSCCO

Our students on the mission trip to Jamaica this past spring break have safely returned home! ✈️ They spent three days at a clinic in Port Antonio providing free eye care to around 850 people. They've also spent two full days exploring the beautiful island. We are so happy to see these students giving back to the world through the power of optometry! 🙌 #SVOSH #SCCO #MBKU #Vosh

STAY CONNECTED, follow us on social media. **@MBKETCHUMUNIVERSITY** and **@KETCHUMHEALTH** on Facebook. **@MBKETCHUMU** on Twitter and Instagram. **@KETCHUMHEALTH** on Instagram. **@MBKU** on Vimeo. **MARSHALL B. KETCHUM UNIVERSITY** on LinkedIn.

Ketchum University Launches Newly Redesigned Website

By Rene Scheys

In this day and age, every single institution has a front door, accessible from almost anywhere in the world, and one that either welcomes an individual or turns them away. This “front door” is, of course, its website. Marshall B. Ketchum University’s faculty, staff and administration has long provided a caliber of education on par with its competition but up until recently, this wasn’t necessarily true of its web presence. However, upon the November 2018 rollout of the newly redesigned websites for MBKU and Ketchum Health, the digital front door of Ketchum truly reflects the elite standard of education being delivered by the University.

ROOM TO GROW

“In addition to a website design that brings us up to speed with our competition,” explains Katie Santos-Coy, Director of Marketing and Communications, “it was vital that our site meet federal accessibility standards, be mobile friendly and evolve to become more intuitive to the end user.” Discovering the identity of those users was just one of the goals of the deliberate, year-long process to vet vendors and collaborate within

the University to arrive at a beautifully designed, information-rich website that represents and serves every part of the Ketchum community well.

“With our Website Committee, we involved many different people from all over the University to take into account different voices and to bring people along in the process,” says Erin Hales, Assistant Director of Marketing & Communications. “This was a collective, group effort. We didn’t simply transfer content over from the old site. We created an






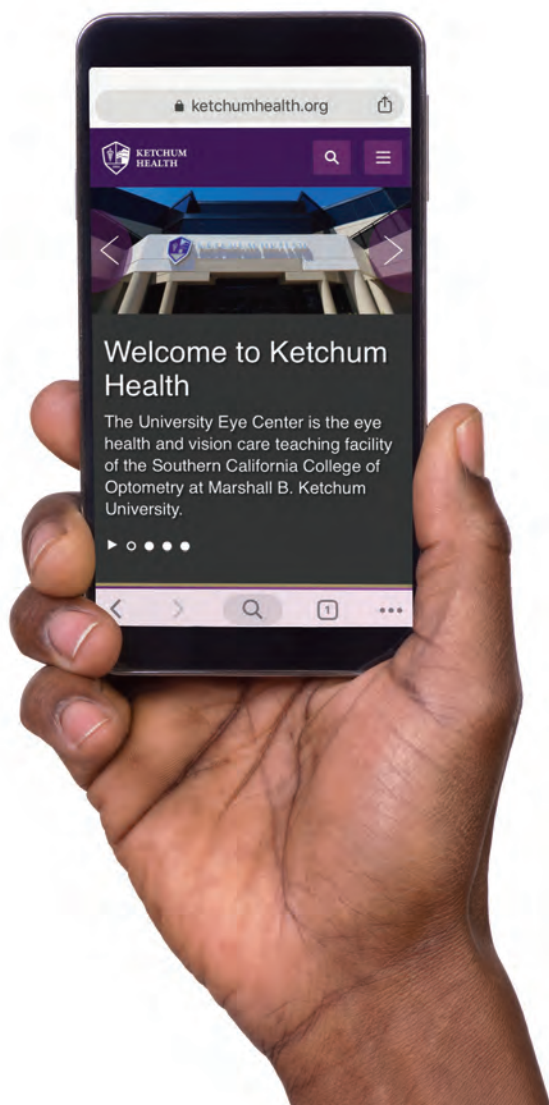
enormous amount of new content that reflects MBKU's identity as a cutting-edge health care institution." The site also was designed and built with the idea that the University could expand, with a content management system that can easily accommodate growth. Edna Alfaro, Digital Marketing Manager, will spend a great deal of time training colleagues in each of the departments on campus to manage their respective sections – something that is now much easier to do and results in content that is more relevant, and which is updated more frequently.

REACHING PROSPECTIVE STUDENTS

"These days, boards and leaders are making data-driven decisions," says Katie. "We can now provide better analytics and more insights into user pathways. This results in reaching more prospective students and taking advantage of digital marketing space to increase the exposure of MBKU's physical campus."

Big changes like these don't come out of nowhere, however; Katie and Erin point out the essential support of Ketchum's leadership team. "President Alexander and Dr. Julie Schornack were incredibly supportive. They recognized the new site as an investment in MBKU that would pay real dividends, and we wouldn't have been able to pull this off without their support."

One of the key discoveries during the process of researching and building the new site was the discovery of just who the majority of MBKU's website users were: prospective students and patients. With the launch of its new sites, Ketchum has a beautiful, innovative front door with which to welcome them. 



A Conversation with Dr. Judy Ortiz

After serving as the Program Director for PA Studies since 2014, Judy Ortiz, PhD, PA-C, has been named Marshall B. Ketchum University's Vice President for Educational Effectiveness & Institutional Research. She recently sat down with Ketchum Magazine for a conversation about what she'll bring to the University in her new role.

By Rene Scheys



Judy Ortiz, PhD, PA-C, Vice President for Educational Effectiveness & Institutional Research



Talk a little bit about how your background has prepared you for this new position at MBKU.

A First and foremost, I am a Physician Assistant. I practiced in underserved medicine and family practice for number of years but knew I always wanted to become an educator, so I was a professor at a PA program in Oregon for more than 16 years. As a professor, I was on all the committees – the tenure and promotion committee, the curriculum standards committee, the governance committee – and I learned how a university operates and how to interact within the university. Next, I was fortunate to become Director of the School of PA Studies at MBKU, and learned a lot about leadership, accreditation and program development. I earned my PhD in higher education leadership, and that also prepared me for my current role.

Why did you always want to be an educator?

It energizes me to help students succeed. To help them put all the pieces together and provide excellent care for patients, to serve students to help them go out and care for others. That's always been motivating me. Of course, I don't work with students as much anymore, but I like to do the same thing for faculty. It brings me great joy to support them to become better teachers.

What do you like about working at Ketchum?

We have a supportive President who is visionary and innovative, and the Board of Trustees are very supportive. Interprofessional education and collaborative practice is one of the cornerstones of the University. Very few institutions have a teaching center like Ketchum Health to give students an opportunity to practice

“We’re intentional in building connections between the programs, being patient-centered in our health care centers, and learning-centered in our classrooms. ”

interprofessional collaboration. Our upper administration has a shared vision of our future and we have been given the tools to implement that vision. We’re also a small, selective University, and we can adapt to and grow to support the high-quality students we want to attract. I love being innovative and creative and I can do that here. At Ketchum, I believe I am only limited by my imagination.

What are some of your duties in your new role as Vice President of Educational Effectiveness and Institutional Research?

We are a young University, so we needed someone who could provide high-level oversight and leadership for academic matters, such as faculty development, program review, accreditation and strategic planning. I also provide a bridge between the colleges and school for our process of continuous improvement.

You have a lot of experience as a faculty member. How does that help you as an administrator?

As a professor, I have been through the tenure and promotion process, so I have an appreciation for what it takes and what the commitment is as a faculty member. Faculty members need time to be creative and innovative, and they need our support as they develop into professors. I know from my own experience that faculty members can have missteps during the process of learning to be a professor. I’m relatable because I’ve learned a lot through trial and error as a faculty member. I encourage faculty members to take a risk and be inventive in their teaching, and sometimes the lectures don’t go as planned. I think life’s all about learning from your successes and failures.

Higher education is facing many challenges these days. How do you foresee these challenges applying to MBKU?

I have an opportunity to see what the best practices and the latest trends are in higher education, and to explore how MBKU and the faculty can engage in them. What I appreciate about our President is that growing the University is a very thoughtful process. How will our programs contribute through interprofessional education and collaborative practice within and outside the University? We’re intentional in building connections between the programs, being patient-centered in our health care centers, and learning-centered in our classrooms. As we build the University, we are always asking, how will this benefit our students and our patients?

What are you most excited about in your new role?

I am helping to further develop a new University. We’re putting into place a lot of processes that we didn’t have before, so that’s really fun for me. I love to be innovative and creative, and to explore all the possibilities for students and faculty. I’m excited to be the bridge between the different colleges and schools. And I think students come first in everything that we do. Therefore, everything I do should support faculty and staff so that we can prepare our students to be successful. **K**



A BRIGHT OUTLOOK

By Mary Castillo

Dawn Lam, MS, OD, FAAO, always tells her students that specialty contact lenses and prosthetics is an art as well as a science. In her role as full-time faculty and a clinician in the Stein Family Cornea and Contact Lens Center at University Eye Center in Anaheim, she devotes herself to understanding her patients' personal and family lives to better find solutions that fit their lifestyles. When she and her patient find the right fit, the right color match and the right vision solution, the reward is worth the time and effort.

"This is when I get a lot of hugs," she says.

After completing her degree in Optometry from the Southern California College of Optometry, Dr. Lam went on to residency training in Cornea and Contact Lenses at the University of Houston, College of Optometry. She then returned to SCCO where she shadowed her mentor, Dr. Sunny Sanders, who saw a lot of prosthetics eye patients.

"She's the one who started me on this track working with prosthetic eyes and prosthetic contact lenses," Dr. Lam remembers. "When she left the university, I became the go-to person for these patients."

THE RIGHT TOUCH

Dr. Lam developed the right touch in working with patients who may have had an eye injury or disease that either left a scar or injured the iris, causing glare. "Many feel socially isolated and self-conscious," she says. "We're here to help them so they not only feel more confident with the appearance of their eye but also that they experience improved vision."

If anyone would know the negative social impact an eye injury can have, it would be Dr. Lam's long-time patient, McKenna Case, 23.

McKenna was only 16 months old when she pulled down a Christmas stocking hook that severely injured her eye. Her parents rushed her to the emergency room. The surgeon on duty miraculously saved her eye. "They thought I was going to have a glass eye and be permanently blind in that eye forever," she says.



Dawn Lam, MS, OD, FAAO



McKenna, top, was just 16 months old when she suffered her eye injury, but had a lively childhood despite the accident; middle, Dr. Lam examines McKenna; above, McKenna completed her master's degree this year at CSUF.

Every year on the anniversary of that event – Dec. 17 – her mom and dad give her a big hug.

"It changed our lives forever," McKenna says. "It made me a stronger person."

INSPIRATION TO HELP OTHERS

Growing up, children teased McKenna about her scarred eye. But the care she received gave her the confidence to grow up into the outgoing young woman she is today. While in elementary school, McKenna first came to SCCO for vision therapy and subsequently became Dr. Lam's contact lens patient.

"Dr. Lam has been the most incredible person to work with," McKenna says. "She helped me increase my vision and also feel more confident about how my eye looks."

After much trial and error, Dr. Lam and McKenna found the right cosmetic and vision solution with a soft contact lens painted to look like her other eye. It is such a great color match that most people don't notice the difference.

"Thanks to Dr. Lam I'm also able to see depth perception when before I would see a lot of double vision," she says. "I was very nervous about getting my driver's license. I didn't know if I would pass the eye test and I did."

This year, McKenna completed her master's in education and multiple-subject teaching credential. She currently is a Response to Intervention (RTI) teacher, working with homeless and high-risk elementary children. She feels blessed to be in a position where she can make a difference.

"I believe that the way that I was helped by my doctors growing up with my eye, inspired me to want to help people, especially kids," she says. **K**

"Dr. Lam has been the most incredible person to work with," McKenna says. "She helped me increase my vision and also feel more confident about how my eye looks."

CHECK OUT MCKENNA'S VIDEO TESTIMONIAL AT KETCHUM.EDU/MCKENNA.

**"The way that I was
helped by my doctors
growing up with my eye,
inspired me to want to help
people, especially kids."**





Practice Makes Perfect

Marshall B. Ketchum University's Simulation Lab Offers Students an Innovative Technology to Practice Giving Care

By Rene Scheys



There's a patient who resides in the Health Professionals Building on Marshall B. Ketchum University's main campus who goes by many different names. More often than not, this patient is ideal: quiet, uncomplaining and hardly demanding of any care. Occasionally, however, he crashes in a very specific way, and his life falls into the hands of a group of MBKU students who are just learning the particularly high stress of providing quality health care. Not to worry – no matter what happens, the patient always ends up perfectly OK.

This "patient" is a Laerdal Sim Man 3G advanced patient simulator, purchased by MBKU with funds awarded by a grant from the Del E. Webb Foundation and housed in the critical Simulation Lab in the Health Professions Building. The Sim Man is essentially a highly advanced mannequin capable of producing many body and health conditions upon which students may practice their care. "He can blink, talk, breathe and cry," says Erin Salcido, Director of Didactic Education and an Assistant Professor in the School of PA Studies. "He makes heart sounds and bowel sounds, we can hook him up to an IV, and he even has an RFID chip for simulating medication. We can manipulate his blood pressure and vital signs, and if the students haven't given him the proper treatment, he can 'crash.'"



FOLLOWING THE SCRIPT

The “proper treatment” depends on the parameters of a given scenario, and these are created by Lisa Rivera, the Sim Coordinator, who began teaching at Ketchum after 26 years as a nurse practitioner. She creates a case study with a “script” and the Sim Man follows this script in the voice of a technician, who is observing from a separate room and speaking for the Sim Man through a microphone. Lisa also is the voice students hear when they pick up the phone to order labs, X-rays, meds or consultations. After a long career in health care, she knows just how to simulate all the potential responses to such inquiries if they lack any information.

If the students buy in – and they always do – then a simulation with the Sim Man provides them with an extremely valuable learning opportunity. “The beauty of it,” explains Lisa, “is that our students don’t have many opportunities outside of the Sim Room to work and problem-solve as a team and to be put into a setting where it’s safe for them to make mistakes without hurting anybody. They’re not being judged. Success is not necessarily fixing the condition, it’s about how they have to work together to treat the condition.” This is, of course, one of the major goals of the simulations and essential for the collaborative approach to health care at the core of Ketchum’s mission. “Not only do they benefit from working in teams,” says Erin, “but often one group of students will observe another, and they will then benefit from peer-to-peer evaluation.”

A crucial part of each simulation is the debriefing afterward, when students can process what happened, their feelings about it, and learn from Erin, Lisa and/or other faculty members about what they did and how effective it was.

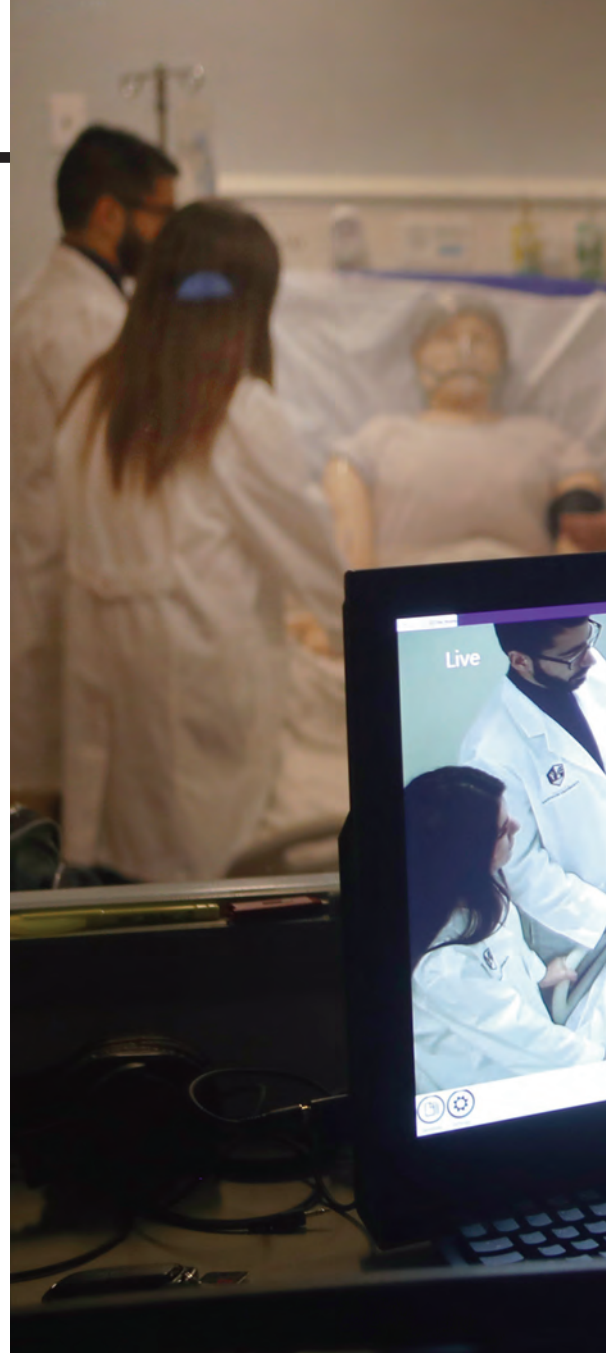
A REWARDING ACTIVITY

And speaking of the collaborative approach to health care education, the Sim Man is used by each of the disciplines at MBKU, including the College of Pharmacy. “We utilized the Sim Room for the first time with our inaugural pharmacy class this past fall,” says Dr. Azita Alipour, Assistant Professor in the College of Pharmacy. “The case involved management of a patient with an inadvertent opioid overdose. Afterward, the students stated that the activity was stressful, challenging, and rewarding, due to the realistic nature of the activity.”

One of the things Lisa and Erin point out is that years ago when they were training in their respective health care disciplines, they had few opportunities to truly *practice*. When they began to interact with patients for the first time, those patients were real people with real ailments, and the stress was enormous. The Sim Man mitigates this by simulating the stress itself. Dr. Kayvan Moussavi, another Assistant Professor in the College of Pharmacy, also speaks to this advantage. “Because the mannequins are not alive, there is no risk of real-life injury,” he says. “However, patient harm can

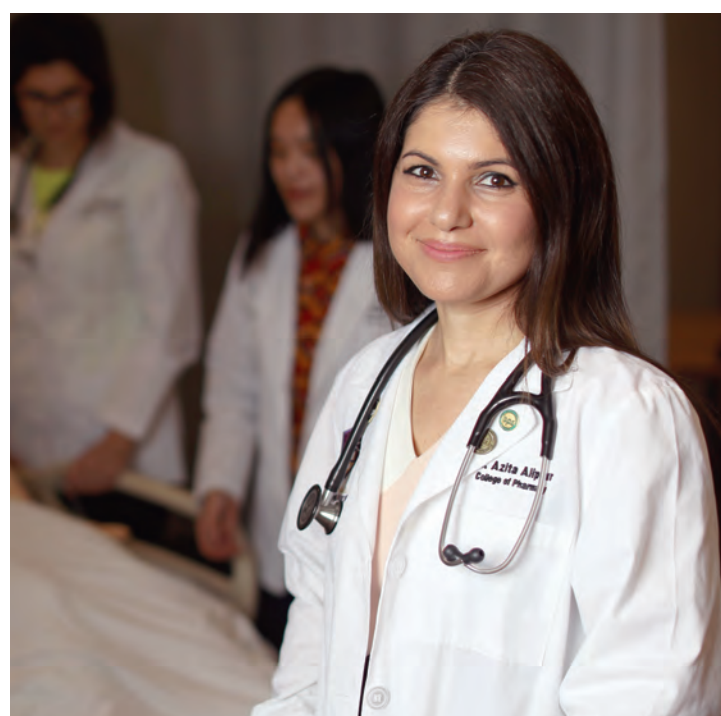
be simulated if students recommend inappropriate therapy. This creates an added pressure for students to select the most appropriate therapy for the simulated patient, just like there is pressure to select the best therapy for real patients. Ideally, the knowledge and skills developed during these sessions will allow students to provide the safest, most-effective therapy to patients during pharmacy practice experiences.”

The Simulation Lab is another example of MBKU’s innovative approach to collaborative health care education. Students work together and learn together, and over and over again, their “patient” receives high-quality interprofessional health care. **K**






"The knowledge and skills developed during these sessions will allow students to provide the safest, most-effective therapy to patients."





*WONDER
WOMEN in
PEDIATRIC
EYECARE*



Marshall B. Ketchum University's
Dr. Susan Cotter is a star researcher,
respected mentor and the new co-chair of
the Pediatric Eye Disease Investigator Group

By Rene Scheys

In 1997, the National Eye Institute, funded by the National Institutes of Health, developed a revolutionary approach to conducting clinical trials on pediatric eye disease, establishing a collaborative clinical research network called the Pediatric Eye Disease Investigator Group – otherwise known as PEDIG.

From the very beginning of PEDIG's founding, there was one optometrist among the numerous ophthalmologists, a woman passionate about conducting pediatric eye research to complement her vocation as a clinician and educator. That optometrist was Marshall B. Ketchum University's Dr. Susan Cotter, who, after working now with PEDIG for more than 20 years, has just been named the co-chair of the group.

Dr. Cotter's interest in pediatric optometry was born early in her career, when she saw eye care as a means of profoundly influencing the lives of children. "It seemed evident to me that so much of a child's academic performance could be related to vision," she recalls. "I thought, if I can impact a kid's life, by providing that child with better visual function, that would be a very rewarding thing to do. That's why I wanted to work with kids. They've got their whole lives ahead of them."

Dr. Cotter came to the Southern California College of Optometry in 1997, because she found an institution that valued her skills as a clinical educator and also emphasized one of her great interests – clinical research. Originally, she spent half of her time in the classroom and the clinic, finding it extremely gratifying to watch her students to go out into the world and take care of patients. Dr. Cotter spent the other half of her time in clinical research, helping to lay the groundwork for PEDIG to become what it is today.

Vital Research

What PEDIG is today is an expansive network of more than 100 private practice and academic research sites with more than 300 pediatric optometrists and pediatric ophthalmologists who contribute data to large-scale studies in pediatric eye care. Through a rigorous process that considers such factors as public health significance, investigator interest, and feasibility, PEDIG's Executive Committee decides which studies to conduct, a choice that often has lasting, deeply important implications.

The opportunity to co-chair PEDIG is something that Dr. Cotter sees as a great honor. "PEDIG has been one of the best things I've done in my career," she says. "We've done some really important studies that have influenced clinical practice. And, it is very difficult to get doctors to change their ways. But PEDIG study results have changed how eye doctors treat amblyopia, and not just in the U.S., but in the rest of the world. It's pretty cool to be instrumental in effecting a change like that during one's lifetime."



Susan Cotter, OD, FAAO



“I’m a better optometrist, educator and clinician because I’ve been mentored by Dr. Cotter.”

—Dr. Reena Patel

A Special Leader

It would be enough for Dr. Cotter to be a great educator and influential researcher in the profession of optometry. However, she also makes time for a different sort of lasting contribution: the mentorship of younger doctors at MBKU. “A lot of people become educators because they want to pay it forward through their students,” she says. “But it’s just as rewarding being able to pay it forward by helping to develop younger faculty members. I’m the senior member of my department, and we have a bunch of bright, on-the-ball, motivated young women who work with me. PEDIG has created opportunities for them as well. They’re able to do things I never got to do when I was their age.” Among the doctors privileged to work with Dr. Cotter are Drs. Angela Chen, Silvia Han, Kristine Huang, Catherine Heyman, Reena Patel and Dashaini Retnasothie, who not only benefit from Dr. Cotter’s extensive experience with PEDIG but also from her utterly selfless approach to leadership.


“She is so special,” says Dr. Chen. “She values bringing up the next generation of optometrists and clinician scientists. Sometimes I joke that she cares more about my career than I do. She does everything she can to make sure I’m a good teacher and researcher – which inspires me to do the same for others.”

The other doctors agree that Dr. Cotter’s generosity and enthusiasm have been invaluable to them. “She’s a role model,” says Dr. Huang. “She is so busy, but she always has the time to help you with anything you ask.”

Dr. Patel echoes this: “She’s one of the greats in the profession of optometry, and she’s right down the hall. I’m a better optometrist, educator and clinician because I’ve been mentored by Dr. Cotter.”

Dr. Heyman adds, “Sue’s mentorship in PEDIG has allowed me to better understand research so that I was able to receive a small grant to start my own project. Without my participation in PEDIG and Sue’s help, that would not have been possible.”

It means a great deal to Dr. Cotter to not only have the opportunity to work with an excellent team, but that this essential research has a home in the context of Marshall B. Ketchum University’s mission. “Research enables a profession to move forward and have a higher level of impact,” says Dr. Cotter. “SCCO has always valued research, and thus been very supportive of our involvement in the PEDIG network. Research is good for everybody. It makes us better doctors so that we provide better care to our patients.” Dr. Han agrees wholeheartedly with how important MBKU’s commitment to research is. “Parents often ask, ‘Is this treatment good for my child?’ Well, because of the work of PEDIG, we have evidence-based research to back it up – so we are able to provide better patient care.”

As Dr. Cotter assumes her national role as co-chair of PEDIG, she also is very involved with the pediatric clinical trials on amblyopia, strabismus, and myopia progression conducted at the University Eye Center at Ketchum Health. It is clear, however, where she’d like the focus to be. “It’s important for all to know,” she says, “that I could not do this by myself. I may be the principal investigator at our site, but I have seven terrific co-investigators and two fabulous study coordinators. So, it’s a team effort rather than ‘The Sue Cotter Show.’ We’re a really good clinical site and our success in the PEDIG network is directly related to the awesome team with whom I work – everyone does an exceptional job.” 

*Above left: Dr. Angela Chen, Dr. Catherine Heyman, Dr. Reena Patel
Left: Dr. Silvia Han, Dr. Dashaini Retnasothie, Dr. Kristine Huang*

KETCHUM HEALTH FAMILY MEDICINE CLINIC OPENS

The goal is to prepare the next generation
of PAs for the New World of Health Care

By Rene Scheys

Patients from infancy to the elderly now can come to the Family Medicine Clinic at Ketchum Health for world-class primary care.

PA students will staff the clinic under the guidance of Medical Director Brandon Grove, MD, and Sandra Fineman, PA-C, Director of Clinical Education. MBKU's PA students will help patients from infancy, and children to adults, including those with chronic or acute conditions.



Sandra Fineman, PA-C with PA student Anthony Manzo



Brandon Grove, MD

“When they’re patients here, they’re not only getting the best care, but they’re also contributing to the future of what health care will look like.”

THE PATIENT IS AT THE CENTER OF EVERYTHING

“The clinic provides an interprofessional experience for students, which is unique,” PA Fineman says. “For patients with multiple medications or diseases, we can conduct a consult with our College of Pharmacy or if they have a multisystem disease that affects the eyes, they have access to the University Eye Center.”

Dr. Grove, a faculty member at the School of Physician Assistant Studies at Marshall B. Ketchum University, is excited to practice medicine in such a way that puts the patient at the center. At each appointment, PA students and faculty give patients plenty of time for communication and education.

“We’ve all heard of or experienced interactions where you walk in and the doctor doesn’t even look at you as they’re typing in their computer,” Dr. Grove says. “That’s not the experience that will happen here. Our goal is individualized care based on the patient’s family history, demographics and all the aspects of life that affect their health care.”

STUDENTS AT THE FRONT LINE

For PA students, working in the clinic is a place where they not only practice everything they’ve learned through the didactic phase of their education, but also where they ask questions, collaborate with faculty and their colleagues across the University and create patient plans that address the whole person.

“Family Medicine is the model of the future where we have a team of health care providers delivering comprehensive care for greater amounts of people, particularly in underserved areas,” Dr. Grove says.

Patients who come to the clinic are also helping to shape the future of providers. “When they’re patients here, they’re not only getting the best care, but they’re also contributing to the future of what health care will look like,” PA Fineman says. “The student is going to learn that it is more than diagnosing and treating, it is listening to the patient who is giving them feedback.”

One of the common characteristics Dr. Grove sees among his students is their passion for serving.

“We have students who have traveled the world, nurses and veterans, including a corpsman who was an IT specialist in the Middle East,” he says. “The wealth of experience these students will bring to each patient encounter is amazing.”

A GROWING DEMAND

The need for PAs to cover the projected demand for primary care services is increasing, according to a report by the Health Resources and Services Administration. Factors such as aging and population growth as well as the expansion of health insurance coverage under the Affordable Care Act contribute to the importance of training the next generation of PAs.

When the clinic is operating at full capacity, they will be able to see 20-30 patients a day. This is a far cry from the typical clinic volume, but the primary focus is quality patient care. "It's not all about the bottom line here," Fineman says. "If they need extra time to discuss problems, we have that time to give."

For Dr. Grove, who worked in private practice for 16 years, this is a full-circle chapter in his life. Originally, he intended to teach but instead pursued his MD at the University of California, Davis. He joined the School of Physician Assistant Studies faculty full time in 2016 and helped to open Ketchum Health's Family Medicine clinic in 2018.

"We're here to prepare PAs for the next innovative wave where we have a lot of midlevel providers caring for 90% of the patients who walk in through the door," he says. "In this role, I'm part of the solution to streamline health care, provide more practitioners to care for the underserved and give patients the compassion and attention they need to live healthy productive lives."

In addition to offering same-day appointments and accepting most major insurance plans, the clinic serves some of Orange County's neediest patients.

"As a nonprofit, we're not capping Medicare or Medicaid patients," PA Fineman says. "Our focus is on patient care." 

**IF YOU WOULD LIKE FIND OUT MORE ABOUT
FAMILY MEDICINE AT KETCHUM HEALTH,**
call 714.463.7505 or visit ketchumhealth.org





Opening Eyes and Winning Hearts

By Rene Scheys



Imagine a swimmer who in every single training session performs so consistently well that her coach cannot wait for competition. Based on the times she reliably produces in her practices, victory seems all but assured. She has a gift for swimming and has put in the hard work of refining it, and yet, when this swimmer actually competes, she always places second. Constantly, inscrutably, she comes up just short of winning it all.

This was one quandary that Southern California College of Optometry Assistant Professor Dr. Eunice Myung Lee recalls from her many years volunteering with the Special Olympics Lions Club International Opening Eyes Program at the Special Olympics World Games. After giving the swimmer a basic vision screening, Dr. Myung Lee discovered that the swimmer's vision was so impaired while competing that if she didn't follow the wake of the swimmer in the lane next to hers, she could not tell where her own lane was – and so she never finished better than second place. Dr. Myung Lee outfitted the athlete with a free pair of prescription swim goggles, and the swimmer went out and did what everyone expected her to: she won.

“I started doing it as a student, and it is just so rewarding that I kept on doing it. You’re working hard, but they always appreciate it. It’s such a super positive environment, and the spirit of it is really amazing.”


A REWARDING ENDEAVOR

Dr. Myung Lee has a lot of stories like this. When she was a student at Southern California College of Optometry, she took a chance on a volunteering opportunity that seemed interesting: it was an early pilot program through AOA meant to provide vision screening services to athletes competing in the Special Olympics. She loved it so much that she kept volunteering, year after year, eventually becoming so integral that she was asked to help run it. She is now a Clinical Director for the Special Olympics Southern California program, and, as such, marshals resources that include thousands of dollars' worth of equipment and dozens of doctor, staff and student volunteers, who put in more than 1,200 hours of work to deliver health services in seven clinical areas completely free of charge to hundreds of athletes at each state game.

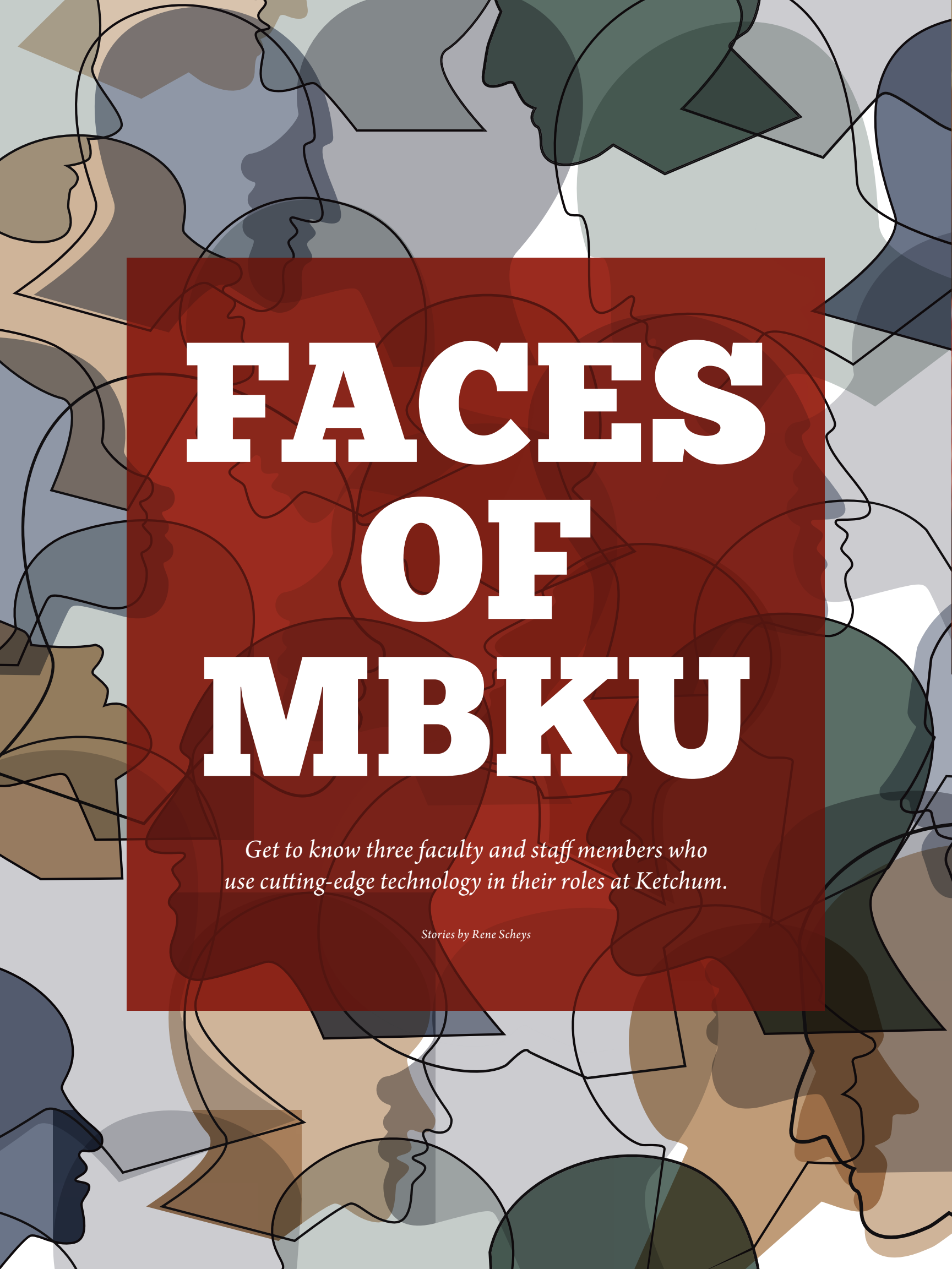
The days are long and the work is not easy, but Dr. Myung Lee – who has been joined each year since they began dating by her now-husband Dr. James Lee – is grateful for the opportunity. “At the beginning there was a little bit of a battle because some people said ‘This is only a sports event.’ But our founder was very insistent that you can’t compete in sports if you are not well,” says Dr. Myung Lee. “I started doing it as a student, and it is just so rewarding that I kept on doing it. You’re working hard, but they always appreciate it. It’s such a super positive environment, and the spirit of it is really amazing.”

TO GIVE AND TO RECEIVE

Much of what Dr. Myung Lee is able to do comes from the fact that she receives significant support from Marshall B. Ketchum University, the home of SCCO. Every athlete her team sees receives something – whether it’s a pair of prescription frames made on site, a pair of sunglasses, or protective eyewear to use in competition. These items are not cast offs; they’re brand new and donated by a number of vendors that partner with Special Olympics each year.

The athletes are not the only ones who receive something valuable. The SCCO student volunteers Dr. Myung Lee brings with her often gain a new appreciation for how their profession can serve a community. “It’s not just about providing a pair of free glasses; it’s an educational tool,” she says. “We’re educating families about health, but we’re also educating our student volunteers. Our athletes don’t always have access, even if they have insurance, because there may not be someone where they live who is willing to work with individuals with special needs. The more years we do this, the more students who will go out and say ‘I can do this.’ So we are increasing access to health care. And I’m so proud to see so many of our graduates who go out and continue to volunteer in other states and sometimes even train to become Clinical Directors!” 





FACES OF MBKU

*Get to know three faculty and staff members who
use cutting-edge technology in their roles at Ketchum.*

Stories by Rene Scheys



Scott Johnson

A Good Reference

Not every stereotype about librarians is false, according to Scott Johnson, Director of Library Services at Ketchum University. “I have two cats,” he says. “And I like to wear cardigans.”

Among the other “stereotypes” that hold true for Scott is a dedication to helping patrons of his library discover, understand and use the information and resources of which he is the steward. For Scott, working at a leading health care university is an even greater privilege. “I love being a librarian in the health sciences,” he says. “The students here are working toward a career in helping people, so it feels good to help them.”

A great advantage in that endeavor is MBKU’s support of innovative library resources. As an institution of optometry education for more than 100 years, Ketchum already had one of the most extensive optometry libraries in the country. But one of the many challenges of adding the School of PA Studies and College of Pharmacy was creating a library collection that served the students and faculty in these new disciplines, which demanded expanding and subscribing to a multitude of new sources of information.

Helping patrons make sense of this information required a powerful search engine that led Ketchum to the development of an entirely new online search interface called MBKU Discovery. In addition to a set of limiters and filters that gives students and faculty the ability to exert very precise control on their search criteria, MBKU Discovery combs through everything – clinical resources, online databases, books and journals – at once, and supplies the results in one place.

“Libraries continue to evolve to meet their users’ needs,” explains Scott.

“Students these days are used to getting information with one click, so we have to be competitive with that. At the same time, we know that many online sources are not authoritative.

Our mission is to teach students how to evaluate information and find it effectively, while making it as easy as a Google search.”



Dr. Rima Khankan

Pinch-to-Zoom Dissections

For Dr. Rima Khankan, the most deeply rewarding part of teaching at Marshall B. Ketchum University, where the many levels of support from the President on downward contribute to an academic atmosphere that to her feels more like a home, is when she sees the eyes of her students light up with understanding and engagement. As the principal faculty member in charge of MBKU's Anatomage virtual cadaver technology, she has many such opportunities with students from all three of MBKU's disciplines.

The Anatomage virtual cadaver table is similar to an iPad-like tablet, except it is as big as a table and holds within its software four human cadavers, represented to the millimeter in accurate 3-D, is life-sized and fully interactive. Users can explore the anatomy of a real human being without the drawbacks typically associated with studying traditional cadavers. "With a real cadaver," explains Dr. Khankan, "you need a special lab with chemicals and preservatives and you have to follow special regulations and devote many resources to its upkeep. With the table, there is none of that. The cadavers don't age and students can dissect, make a mistake but cut again without losing the cadaver. When I was a student, I had textbook images of anatomy

presented in 2-D, and I had to try to visualize organs in 3-D. The textbook would show only one part of the system, isolated and unrelated to the rest of the body. With the Anatomage table, I can select a system and see every part of it and how it connects to other systems, all in three dimensions."

These advantages barely scrape the surface of the capabilities of the tables, however. In addition to the traditional dissection (accomplished by pulling a finger across the table's glass surface; no scalpel necessary), students can examine any one of more than 100 cases from the extensive case library loaded into the software that depict real interactive images of cancers, bone fractures and before/after surgeries. They can do this under the knowledgeable eye of Dr. Khankan, but they also can work in groups on their own to explore these pathologies, which could never happen with a traditional cadaver. The software even has quizzes built into it, so students can test their knowledge of the systems they're learning.

"The Anatomage tables are a great example of Marshall B. Ketchum University's adoption of innovative teaching methods and cutting-edge technology," concludes Dr. Khankan.



Matt Breneman

Capture the Imagination


When Matt Breneman, the Director of Multi Media Services at Marshall B. Ketchum University, began the task of developing the use of Lecture Capture technology, he expected at least a little bit of resistance. "No one really likes the sound of their own voice in a recording," he quips. And even though it was a process that demanded a lot of hard work from his department – building an infrastructure to create, manage and store lecture content – eventually it passed the most important test of all: the students really use it.

"At the end of the day, I am always asking, 'Will this classroom technology get in the way or will it enhance learning?'" explains Matt.

Lecture Capture enhances learning without a doubt. A system of cameras and software installed in every classroom at Ketchum University, Lecture Capture records every session a professor holds, and enables students to access that lecture for the duration of their enrollment in the course for the semester. Matt points out that when Ketchum decided to invest in the technology, it went all-in: The program used by MBKU is the very best. This means that not only can students watch lecture content, they can seamlessly switch from camera

views to the PowerPoint slide the professor is displaying, as well as search for specific terms in specific slides, which will take them to the point in the lecture where the professor is discussing those terms.

The technology also includes several tools for the professors to utilize. There's a "personal capture" feature that allows professors to record themselves directly to add content, as well as "heat maps," which allow professors to see the parts of their lectures that are most- or least-watched, with the potential benefit of refining the content. Professors can even integrate quizzes into their lecture videos, which, by not allowing a viewer to advance until each question is answered correctly, ensures engagement in the recorded lecture.

My goal is to ensure MBKU students benefit from all that Lecture Capture has to offer. It's rewarding to play a small part in the success of our students," says Breneman. 



Pathways to Discovery

Dr. Elvin Hernandez's expertise in public health proves invaluable to College of Pharmacy students

By Rene Scheys

One of the core strengths of an academic institution is the proliferation of highly educated and motivated individuals who contribute their voices and their vision to the mission of the institution in truly diverse ways. This diversity strengthens the institution as it challenges it, and a great example at Marshall B. Ketchum University is Dr. Elvin Hernandez, who is the Chair of Pharmacy Practice and a key faculty member in the College of Pharmacy – even though he is not a pharmacist.

A DIFFERENT MINDSET

Dr. Hernandez's formal training is in the discipline of Public Health, and he brings a "public health" mindset to bear on the courses he teaches in the College of Pharmacy, which include health education, biostatistics and epidemiology, and social behavioral pharmacy. "I began my career teaching in pharmaceutical education, which really opened my eyes to the need for pharmacy and public health, but also to the fact that they're a natural fit. Pharmacists don't always realize that they're public health experts as well. My goal is to help our pharmacy students see themselves in that way, as they work with patients and communities depending on where their clinical practice might take them."


Dr. Hernandez has found a great fit for the realm of his expertise at MBKU, where a major emphasis is placed on not only community health and

engagement, but also collaboration between the disciplines. "In my background, I worked a lot with families in crisis in the community, and now a lot of the coursework I teach in pharmacy education is about being an interface between patients and the establishment. One of the things that attracted me to Ketchum was that it has a great emphasis on community health. A lot of it is about engaging the community. At the College of Pharmacy, we have numerous health fairs and a lot of these opportunities are interprofessional, and involve the other disciplines at MBKU as well. They happen every weekend and our students and faculty are very involved in them."

THE RESEARCH AND SCHOLARSHIP COURSE SERIES

In addition to providing these opportunities, the College of Pharmacy wants to prepare students to engage deeply with the research and methodology of the profession, and to that end has created the Research and Scholarship Course Series. This is a scholarly project, which is required for graduation, and that students must primarily direct themselves. The ideas for the projects are developed by faculty members, rated by the students according to their interest, and then assigned using a weighted lottery. "The students then collaborate with faculty members on how to turn that idea they were interested in into something that is meaningful to them or which they're passionate about," explains Dr. Hernandez.

The Research and Scholarship Course Series is a 12-month process that students tackle in three series over the course of multiple semesters at MBKU. The first series focuses on the scientific method, developing the idea, reviewing the literature, and creating a hypothesis and research objectives. The second series is about executing their methodology and gathering preliminary results. The third series focuses on results, drawing conclusions and creating discussion points. In addition to training students in research and giving them an opportunity to present their findings at conferences and add to the body of knowledge in the profession, the project aims to instill in pharmacy students an essential skill for their success.

"The idea of scholarship and conducting research is about discovery," says Dr. Hernandez. "Of course, they'll make discoveries through the scientific method but at the same time, they'll find a pathway of discovery to lifelong learning. As a pharmacist, your learning must be continuous. We're perpetuating a mission of discovery for our students so that they become lifelong learners." 

**"We're
perpetuating
a mission of
discovery for
our students
so that they
become lifelong
learners."**



Community College Educator Finds World-Class Care Here in Orange County

By Mary Castillo



Ketchum Health patient Javier Corrales.



Javier is an adult-education project specialist at Saddleback College and a part-time DJ.

Javier Corrales was an undergraduate student at the University of California at Berkeley when he was diagnosed with keratoconus. While the diagnosis caused him great concern, he felt secure going to a world-class facility, even after he moved to Orange County.

For years, he traveled to UC Berkeley University Eye Clinic for his appointments. But keratoconus is a progressive condition in which the cornea thins and begins to bulge. Javier began having trouble with night vision and his contacts would pop out. It got to the point where commuting no longer was an option. As an adult-education project specialist at Saddleback College and a part-time DJ, eyesight is everything.

"I wanted to continue going to a university institution that would give me the same if not better quality of care," says Javier. "As an educator, I know there is a huge difference in the level of care you get at a university versus elsewhere."

His optometrists at UC Berkeley recommended the University Eye Center at Ketchum Health.

In summer 2018, Javier met with Dr. Jocelyn Ou, a Resident in SCCO's Stein Family Cornea and Contact Lens Center. Javier underwent a series of tests and appointments to get the perfect contact lens fit. He not only experienced the same level of attention and thoroughness, he also was introduced to scleral lenses that could correct the issues he'd been experiencing.

Scleral lenses are designed to vault over the entire corneal surface and rest on the "white" of the eye. The lenses replace the irregular cornea and correct vision problems caused by keratoconus.

"With my condition, you have to go in for a lot of fittings," says Javier. "I am so grateful that Ketchum is local. Today, I see even better than I have in a long time." **K**

Ketchum University faculty publications

A listing of Ketchum University faculty* publications in peer-reviewed journals.

November 2018-April 2019

NOVEMBER

Schachter S. Recapturing the former toric contact lens wearer. *Review of Optometry*. 2018;155 (Suppl: Capturing the Astigmatic Patient Opportunity):10.

DECEMBER

Bedi M, Ou J, Edrington TB. Oxygen considerations for soft toric lenses. *Contact Lens Spectrum*. 2018;33(12):45.

Dang VT. Know the link between cotton wool spot & anemia: understanding bloodwork results helps to distinguish the diagnosis. *Optometry Times*. 2018;10(11):1, 12-13.

Sendrowski D. Study links elevated IOP with systemic disease, obesity, hypertension: perspective. *Primary Care Optometry News*. 2018;23(11):17.

Tong D, Ponton M, Lee W-C, Fitzgerald D. Evaluation and management of visual processing, visual attention, and visual field deficits in individuals with brain injuries. *Brain Injury Professional*. 2018;15(3):28-31.

JANUARY

Dean M, Kirschen D, Hubschman JP, Straatsma BR, Sarraf D, Francone A. Bilateral acquired progressive retinal nerve fiber layer myelination 2018 [updated October 2018; cited 49 10]. 2018/11/06:[e147-e50].

Paugh JR, Alfonso-Garcia A, Nguyen AL, Suhalim JL, Farid M, Garg S, et al. Characterization of expressed human meibum using hyperspectral stimulated Raman scattering microscopy. *The Ocular Surface*. 2019;17(1):160-6.

FEBRUARY

Cerimele JM, Goldberg SB, Miller CJ, Gabrielson SW, Fortney JC. Systematic review of symptom assessment measures for use in measurement-based care of bipolar disorders. *Psychiatric Services*. Epub Feb. 6, 2019.

Jordan W, Fujimoto L, Vejambul P, Chong T, Matson M. Spontaneous malignant glaucoma in a phakic patient. *Clinical & Refractive Optometry*. 2018;29(3):102-10.

Villegas RB. Glaucomatocyclitic crisis: a case report and review. *Clinical & Refractive Optometry*. 2018;29(3):111-8.

MARCH

Alipour A, Patel PB, Shabbir Z, Gabrielson SW. Review of the many faces of synthetic cannabinoid toxicities. *The Mental Health Clinician*. 2019;9(2):93-99.

Bhakhri R, Ridder WHI, Adrean S. Case report: delayed vitamin A retinopathy secondary to bariatric surgery. *Optometry and Vision Science*. 2019;96(3):227-232.

Johannesmeyer HJ, Seifert CF. A retrospective analysis of clinical acuity markers on hospital length of stay in patients with febrile neutropenia. *Journal of Oncology Pharmacy Practice*. 2017;25(3).

APRIL

Hunter D, Cotter S. Early diagnosis of amblyopia. *Visual Neuroscience*. 2018;35:E013.

Ou J, Bedi M, Edrington TB. Prescribing for astigmatism: When irregular astigmatism becomes regular. *Contact Lens Spectrum*. 2019;34(4):46.

*Gold denotes MBKU faculty

A Piece of SCCO History Available Now!

A History of the Southern California College of Optometry showcases more than a century of innovation and educational excellence. From its inception in 1904, SCCO has long been a leader in optometric education, and in 2013, the institution transitioned to become the anchor college of Marshall B. Ketchum University.

Author Kenneth E. Brookman, OD, PhD, MPH, Professor Emeritus, SCCO, carefully curated events that have shaped the institution and hand selected photos from the past and present, making this a perfect centerpiece for your coffee table, or a gift for any SCCO alum.

Don't miss your opportunity to own a limited edition, linen-bound hardcover book. Order your copy today!

"Dr. Brookman's straightforward writing style makes for engaging reading about one of the world's leading optometric institutions."

- Kevin L. Alexander, OD, PhD, President



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Southern California College of Optometry



Eric J. Borsting, OD, MSEd
*Interim Dean, Southern California
College of Optometry*

IN KEEPING WITH THE RESEARCH AND TECHNOLOGY THEME

in this issue of *Ketchum Magazine*, I would like to highlight our Sports Vision Clinic and our Center for Vision Research. We live in a time of rapidly changing methods to diagnose and treat various ocular conditions and using innovations in technology will expand the treatments that we can offer our patients.

Thanks to the generous donation from Allen Soucek, OD, '70, and his wife Marilyn, we have been able to acquire cutting-edge

technology to help athletes improve performance in a variety of sports. Similar to strength, endurance and flexibility, athletes also need top-notch visual skills to play their sport. In our sports vision clinic we conduct a customized sports vision evaluation that will determine the appropriate training program to develop the visual tools for optimal sports performance and provide the athlete with a competitive edge. One program is the "The Senaptec Sensory Station," which provides digital and automated solution for the sensory skills that matter most in sports performance.

Our Center for Vision Research continues to conduct clinically based research to provide our optometrists valuable insights into common treatments. Recently, we acquired a system to objectively measure the sensory/motor components of accommodative and vergence ability. Currently, Dr. Angela Chen and her team are working on a multicenter study to objectively measure accommodative and vergence in adolescents who have convergence insufficiency (an eye-teaming disorder) after suffering a concussion. It is common for the visual system to be adversely impacted following a concussion and active rehabilitation may be necessary for the individual to function at his or her highest level. **K**

School of PA Studies



Allison Mollet, MMS, PA-C
*Program Director &
Associate Professor*

IN MY FIRST FEW MONTHS AS PROGRAM DIRECTOR,

the School of PA Studies has had much excitement. In March, we were granted accreditation-continued status by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA), a mark of our ongoing commitment to quality PA education. We are so proud of our dedicated and tireless faculty and staff including our previous Director, Dr. Judy Ortiz. This was certainly a team effort. We also welcomed two new faculty to our

team, Lisa Rivera and Millie Fabros, who bring experience and passion to the classroom and expertise in acquiring and maintaining quality preceptors for our students.

In April, faculty, staff and students worked together for our fifth annual Grace Miller Day outreach event. This is a student-led event that hosted more than 70 fifth-graders from Grace Miller Elementary for a full day of learning about the human body and health care professions through hands-on interactive stations. It's amazing to see how much our students love being involved and giving back.

In May, four students from the Class of 2019 received scholarships in recognition of their leadership and dedication to our mission: Tony Manzo, Brian Pfeiffer, Victoria Callahan and Aaron Garmendia.

Additionally, the Class of 2020 will be our first cohort to have formal point-of-care ultrasound training embedded in their curriculum — an important technology that is now being used at bedside to aid in diagnostic evaluation and therapeutic interventions in many health care settings.

While our personalities, clinical experience, and teaching styles vary, our faculty share a strong commitment to student success. It's *this* commitment that fuels our energy, guides our decisions and helps students thrive. We are so proud of the accomplishments of our students and faculty. **K**

College of Pharmacy



Edward Fisher, PhD, RPh
Professor & Dean,
College of Pharmacy

THE SPRING QUARTER HAS BEEN LIVELY AND OUR UPCOMING SUMMER QUARTER IS SET TO BE JUST AS EXCITING,

with many firsts for the College of Pharmacy at Marshall B. Ketchum University. The class of 2020 will be starting their Advanced Pharmacy Practice Experience rotations on May 20. This will also be the College's first time having students go on APPE rotations. We are incredibly excited to see our students go out and implement all they have learned these past three years. We also had several events at the end of April and beginning of May.

On April 30 and May 7, we held our second and third interprofessional education events with the California University of Science and Medicine medical students.

These events took place on the CUSM campus in San Bernardino. The College of Pharmacy's IPE Committee and CUSM continue to expose students to interesting patient case studies where our second- and third-year students can interact and learn alongside the first-year medical students and work collaboratively with other professionals.

On May 3, an awards ceremony was held to honor students, teachers and preceptors of the 2018-19 academic year. That same day, in the evening, the College of Pharmacy held an Academic Excellence Dinner. The purpose of the dinner is to honor College of Pharmacy students in the classes of 2020 and 2021 who have achieved a GPA in the top 20% of their class at the halfway point of the didactic curriculum. Dr. Mitchell R. Emerson, Dean of Midwestern University, was our honored guest speaker at this event.

On the morning of May 9, the College of Pharmacy held its inaugural Scholarship Showcase. During this event, students presented research posters based on their Capstone Project courses. **K**

Continuing Education Calendar 2019

DATE	LOCATION	PROGRAM	CE CREDIT
JULY 13 & 14, 2019	MBKU SCCO, Fullerton Campus	Ocular Disease: Part II	8
JULY 14, 2019	MBKU SCCO, Fullerton Campus	Sutureless Amniotic Membrane Tissue Hands-On Workshop	2
SEPT. 8, 2019	MBKU SCCO, Fullerton Campus	Joint USC VA SCCO Symposium	8
DEC. 8, 2019	MBKU SCCO, Fullerton Campus	Contemporary Topics in Optometry	8

Certificate Training Program

DATE	LOCATION	PROGRAM	CE UNITS
AUGUST 4, 2019	MBKU SCCO, Fullerton Campus	APhA's Pharmacy-Based Immunization Delivery	20

Year-round

LOCATION	PROGRAM	CE CREDIT
CE Website	Online Coursework: ketchum.edu/ceonline	2 - 2.5
West Los Angeles VA; Sepulveda VA; Los Angeles VA ACC	VA Clinical Seminars: Thursdays 1-5 p.m.	4
North Vegas VA	VA Clinical Seminars: Fridays 1-4 p.m.	3

TO REGISTER FOR A COURSE and get a complete list of requirements, please visit "CE Courses and Registration" via the CE Homepage at ketchum.edu/ce.

Recognition



GARY ASANO, OD, '78, was presented with the prestigious Envision Oculus Low Vision Award at the August 2018 Envision national Low Vision Conference in Wichita, KS. This award, only bestowed once previously to an individual OD since its inception in 2005, is for one "whose career has had a national or international impact for people who are blind or low vision through professional collaboration, advocacy, research or education."

RANJEET S. BAJWA, OD, FAAO, DIPLOMATE ABO, '08, is now serving as Immediate Past President for the California Optometric Association.

In Memory



DR. FREDDY CHANG

On Nov. 17, 2018, Dr. Freddy Chang passed peacefully with his family by his side. Dr. Chang's many contributions to the profession of optometry as a highly published researcher and presenter were

outshone only by his deep commitment to his role as educator. Southern California College of Optometry was just one of the academic institutions that benefitted from his career devoted to students of optometry. He retired in 2017 from Southern College of Optometry in Memphis, TN, after serving as a professor there for 15 years.



DONALD JARNAGIN, OD, '70

On March 2, 2019, Dr. Donald E. Jarnagin passed away peacefully while serving on a medical mission trip. Dr. Jarnagin received degrees at Southern California College of Optometry before going on

to enjoy a distinguished career as an optometrist, a higher education administrator, and President of both the Arizona and American Optometric Associations.

After serving in the Medical Service Corps of the U.S. Army, Dr. Jarnagin returned to Arizona and partnered with the optometrist who cared for him as a youth, providing eye and vision care in Glendale for more than 40 years. He was also recognized as "OD of the Year" by the Central Arizona Optometry Society, the Arizona Optometric Association, and the Great Western Council of Optometry. In 2014, SCCO honored Dr. Jarnagin with the Circle of Vision Distinguished Individual Philanthropist Award.



ARLENE KAYE

On Feb. 9, 2019, Arlene Ellen Kaye, passed away at the age of 64. Arlene served as SCCO's Marketing Director for eight years and worked at the College until she retired in 2014. Arlene was diagnosed with Multiple Sclerosis in 2005, and never let the disease interrupt her passion for travel, helping others and her dedication to the MS Society to finding a cure.



HENRY OSTER, OD, '57

On March 16, 2019, Dr. Henry Oster passed away after a battle with cancer. Known for his generosity, humor and compassion, Dr. Oster practiced optometry in Southern California for 50 years, served with multiple professional organizations and taught at his alma mater LACO and SCCO for over two decades.

Dr. Oster devoted himself to tirelessly sharing his story: born to a Jewish family in Germany in 1927, he alone survived the horrors of Auschwitz and Birkenau. The spark of life in Dr. Oster – which the unspeakable brutality of the Holocaust could not extinguish – burned brightly and shone on all who had the honor of knowing him in his many years as an exceptional clinician and beloved educator.

ANTHONY ADORNETTO, OD, '62

MARK A. BAIRD, OD, '94

RICHARD T. BLOWERS, OD, '53

JOSEPH P. D'ARELLI, OD, '67

QUE BACH HWANG, OD, '13

STEPHEN A. LANKFORD, OD, '74

RICHARD H. SLICK, OD, '79

TO SHARE YOUR CLASS NOTES, contact us at alumni@ketchum.edu.

Save the Date

FOR MARSHALL B. KETCHUM UNIVERSITY'S

Gala
CELEBRATION
*Celebrating and honoring our alumni,
benefactors and community partners.*

THE SIGNATURE FUNDRAISING AND RECOGNITION EVENT
BENEFITTING MARSHALL B. KETCHUM UNIVERSITY'S

Southern California College of Optometry

School of Physician Assistant Studies

College of Pharmacy

University Eye Centers at Ketchum Health (Anaheim and Los Angeles)

SATURDAY, SEPTEMBER 14, 2019
THE BOWERS MUSEUM, SANTA ANA

FOR SPONSORSHIP OPPORTUNITIES AND ADDITIONAL INFORMATION,
VISIT KETCHUMGALA.ORG.



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More about that

Warren & Carol Low Student Union Reopens By Rene Scheys

In April, MBKU's Warren & Carol Low Student Union was reopened to all students, faculty and staff. After nearly nine months of construction, the campus community has access to a modern facility that meets the needs of today's student.

The newly refurbished spaces have been designed with MBKU students in mind. The improved facilities include: quadrupling the microwaves, increasing the electrical outlets and USB stations, upgrading the lighting, increasing the restroom facilities, advancing security coverage, increasing the fresh and snack food and drink options available, installing a roll-up garage door in the lounge for indoor/outdoor access, refreshing the look and offerings of the campus store, as well as the private offices of University personnel.

Work will continue through the summer as new furniture, wall decals and fresh Campus Store displays are added. University administration hopes to welcome all MBKU students back to campus this fall with a modern and upgraded Student Union.

