

BAD HABITS

The Eye Docs of Rock Celebrate 30 Years!









Ohio State University College of Optometry Alumni Society

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The Ohio State University College of Optometry Alumni Society is a chartered alumni society of The Ohio State University Alumni Association, Inc.

on the cover:

As part of Ohio State Optometry Homecoming Weekend 2017, Bad Habits: The Eye Docs of Rock, celebrated their 30th Anniversary as a band.

Bad Habits photographer: Evan Sommer of Sommertime Creative Multimedia Production

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Dean's Letter	1
Alumni President's Letter	5
Editor's Letter	õ
Dr. Jack King Update	7
Class of 2021	Э
Alumni Focus: Dr. David Loshin 1	1
Research Roundup 15	5
Myers Lecture 2017	7
Academy Chicago 2017	3
New Optometry Clubs)
Faculty Profile: Dr. Tatevik Movsisyan	2
Optometry Attire for Sale!23	3
Development24	4
Philosophy of Education	5
Homecoming Weekend 2017 28	3
Alumni News29	Э

Homecoming Weekend 2017 pg. 28



CLASS OF 2021 pg. 9



DR. DAVID LOSHIN pg. 11



MYERS LECTURE 2017 DR. LOU CANTANIA pg. 17

DEAN'S | FITTER

"The greatest battle in life is dealing with the part of you that wants to be healed and the part of you that is comfortable with staying broken."

-lyanla Vanzant



In summer 2014, we embarked on an assessment and then a plan to renovate the "Fry Bridge," arguably the area of our buildings that we'd perhaps become a little too comfortable with "staying broken." First, we conducted a feasibility study with one architectural firm that summer and then, in autumn 2016, progressed to Board of Trustees approval and design of a project estimated at \$6.5 million to revamp the HOYA Evewear Gallery and clinic reception, to relocate our billing offices, and to create three new exam rooms. We were on a path to "letting the healing begin!"

At almost the same time the Fry Bridge project was approved, a much larger initiative began that could affect the health sciences district, including our buildings. In April, the Board

of Trustees authorized the hiring of architects to "program" projects ranging from an ambulatory care center on west campus to a new, on-campus hospital after Cannon Drive is relocated. One of those projects was also a new "Health Sciences Campus Project," which referred to an "eye clinic," along with new student learning and community life areas. As those architects were hired and started their work, it slowly dawned on everyone involved that these plans would require the acreage currently occupied by the College of Optometry—namely the Fry Bridge and the A wing of Starling Loving Hall. The programming phase continued, and in early November, the Board of Trustees approved moving forward with the design of a new optometry clinic building, to be shared with offices housing the other occupants of the A and B wings of Starling Loving, at the southeast corner of 11th and Neil avenues.

The announcement of that building was, frankly, a little weird. News reports and social media coverage focused on the displacement of Adriatico's pizza, despite assertions from the owner that he was happy about the relocation opportunity. I texted my older daughter, who lives in North Hollywood, to ask why she hadn't congratulated me on our new building announcement. Her response? "I had to read further down in the postings about Adriatico's to realize that it was my mom who was making them move!" (I do have to admit, though, that pizza was one of the first things I asked about when I heard about the potential location.)

Now, we can see the timeline on the near horizon. Architects' applications to design our building have already been submitted. Interviews are in mid-December. The anticipated design phase will take eight months, with 15 months of construction after that. I can "envision" a clinic opening in "2020."

Recently, I was looking through a file drawer on my desk and found a folder labeled "Pipe Dream," which was the name I gave to a new optometry clinic building years ago and even through much of 2017. Today, I have to relabel that folder, "Reality" or maybe even "The part that wants to be healed."

Karla Zadnik, OD, PhD

Dean

Glenn A. Fry Professor in Optometry and Physiological Optics

PRESIDENT'S | FITTER

Fall 2017



Hello, fellow Buckeyes!

This year, the college celebrated its alumni during the university's 2017 Homecoming Weekend festivities. As is usually the case in these events, many people behind the scenes are needed to pull off the events of Homecoming Weekend. Two people in particular deserve recognition for their efforts. Michael Haddock, the college's Assistant Director of Alumni Engagement, and Rachel Childress, the college's Director of Development, deserve our accolades and appreciation for their yeoman's efforts in organizing and running many of the events presented by our college, including this year's Homecoming Weekend. Congrats on a job well done!

The weekend started with a continuing education program brought to us from outer space. U.S. Navy Capt. Tyson Brunstetter (OD/MS'97,

PhD'00), spoke on his work on an ocular condition affecting our astronauts on long-term missions, Spaceflight Associated Neuro-Ocular Syndrome (SANS). His discussion of the ocular findings (disc edema, optic nerve sheath distension, choroidal folds, and globe flattening, in case you are interested), in addition to the ingenuity required to figure out ways to perform ocular tests including OCT and ultrasound imaging in a zero gravity environment, were entertaining and enlightening.

Friday evening's Alumni Concert was a rocking affair, as Bad Habits - the Eye Docs of Rock, highlighted the proceedings with a concert celebrating their 30th Anniversary together, at the Shadowbox Theatre. The band originated as an act for the college's talent show (trivia note: they finished second!), and has evolved into a group that tours nationally, performing at many optometric conferences and events. Its current members include Michael Raies (OD'89), Tony Fenton (OD'89), and Pat Dollenmayer (OD'91). As always, the band provided the energy and beat, which fueled a fantastic evening for the attendees, estimated to be in the neighborhood of 400+ alumni and friends.

As is the custom of the Optometry Alumni Society, we conducted our annual meeting and election of officers in conjunction with the Homecoming proceedings, this year immediately prior to the concert. I am proud to announce that Stephanie Baxter (OD'08), Jim Bieber (BS'64, OD'68), and Robert "Buckeye Bob" Newcomb (OD'71, MPH) were reelected to two-year terms as Trustees for the Board of the OAS. We are lucky to have these dedicated alumni serving our board and our membership, and I offer them my congratulations.

Due to ongoing renovations and construction at the college, the Saturday tailgate was moved to a new location. Through the efforts and connections of Michael Haddock, we joined forces with the Ohio State Alumni Association's "Pregame Huddle" at the RPAC building next to the stadium, where we participated with other alumni societies and clubs with a buffet brunch, open bar, and various Buckeye illuminaries and entertainers for an exciting prelude to our victory over the hapless Maryland Terrible Turtles.

From rockers to rockets and everything in between, our Homecoming served to remind me of the wonderful diversity of our college's alumni, and how much I enjoyed the opportunity to visit with everyone this past weekend. I am already looking forward to Optometry Homecoming Weekend 2018!

With that, I will say goodbye until the next issue, and, as always ...

Go Bucks!

Vincent L. Driggs (OD'85)

President, Ohio State Optometry Alumni Society

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EDITOR'S | FITTER





Seventeen years ago, I wrote an editorial about my first experience with cashierless checkout at a local grocery store. I have not made a habit of recurring themes, but the opportunity presented itself earlier this year.

I was in Philadelphia for a meeting, and as I was flying out of Philadelphia, I chose to have an early morning meal at the airport. As I sat at the restaurant counter, I was faced with the picture below. An iPad pro on a stand. The menu was on the iPad. In fact, the process is that one orders their entire meal on the iPad.

While the order is being prepared, the iPad is connected to the Internet. All the common social media sites are available, as well as CNN, the Wall Street Journal, Bloomberg Business, Travel & Leisure, ESPN, a helicopter rental site and the airport information, all via apps. My bill was obviously paid without human

interaction. The only human interaction was when my order was brought to me.

While efficient in many ways, this was a marginal experience for me. There are certainly times when traveling that time is of the essence, and I have little interest in interacting with anyone, sometimes because I am focused on a project while traveling. More often, when traveling alone, some human interaction is nice to have. Just having someone with a kind word, or some local knowledge makes the trip more enjoyable.

So, is this a glimpse of life to come? Will local restaurants adopt this concept in an effort to reduce labor costs and gain efficiency? A June 2017 report shares that McDonald's, Wendy's and Panera Bread will collectively have thousands of in-store kiosks in place by the end of 2017. Digital ordering of pizza is about half of the orders in the industry. Starbucks reports about a third of its transactions are digital. Chipotle and Dunkin' Donuts have recently entered the digital market, and less than 10% of their sales are digital. This evidence would suggest it is not life to come; rather it is life that is here.

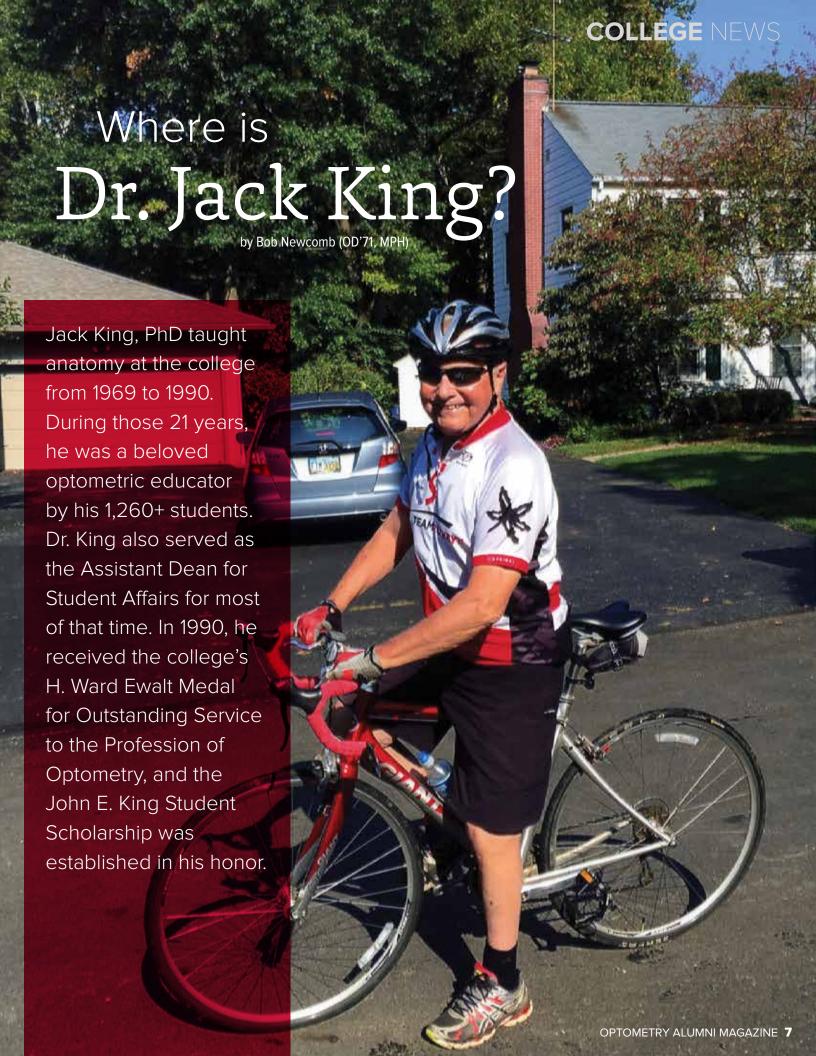
Does this signal the end of eat-in restaurants with table service? In three days over a recent weekend, we were at a restaurant in Lancaster, Ohio that had a 45-minute wait on Friday night (not uncommon); a restaurant that was busy on a Saturday afternoon at 4:00 p.m. but could handle more business; and a restaurant that was full and had people waiting on Sunday night at 6 p.m. No iPad or kiosk ordering in any of these locations.

Sometimes we want fast food on a menu we know that is quick and efficient, and can be just fine with little human interaction. Sometimes we want table service and someone to wait on us. Similarly, if we want a hamburger, sometimes a bag of White Castles will fill the bill, sometimes a couple of McDonald's cheeseburgers hit the spot, sometimes we want a Wendy's double, and sometimes fresh ground beef that was grain-fed, a burger that is handcrafted and grilled over open fire is what we desire. All have different expectations, price points, and service that go along with them. We can choose what meets our desires.

For those of us in practice, we have seen pressures from online ordering of eyewear and contact lenses. Neither of these has sounded the death knell for retail in-office sales of eyewear and contact lenses. While there has been an effect, practice continues. What these restaurant developments tell us is that people are looking for easy ways to interface and do business. We need to be better at providing ways for patients to interact with us, not just with ordering, but all interactions. And when patients arrive in our practice, they should be greeted and cared for by folks who are interested in caring for people. The competition is stronger than ever, and we must do our best to offer something no one else can offer.

Jeffrey A. Myers (OD'84) BuckEYE Editor





COLLEGE NEWS

So what does a retired professor and dean do in his retirement? I had the opportunity to ask him that very question when we met at a local Panera in September.

Now 78 years old (but looking much younger), he began by saying he has very fond memories of the students he taught and enjoys reading about their lives and careers in every issue of the BuckEYE magazine. He still lives in the same house in Clintonville that he bought in 1974 and keeps busy with a wide variety of activities that nourish his body, mind, and soul.

Shortly after retiring, he traveled to the Canadian Rockies, the Grand Canyon, and the four-corners area of the U.S. (Arizona, New Mexico, Utah and Colorado) to hike in some of the most beautiful scenery in the world. More recently, some of the activities he enjoys are:

- Volunteering as a gardener at the Whetstone Park of Roses (although he does not tend to the roses);
- Biking on the Olentangy Trail and kayaking on the Olentangy River – both of which are within easy walking distance from his home;

- Helping those less fortunate through his volunteer work at the Advent Lutheran Church on Kenny Road (across from the OSU golf course). These activities include serving the homeless at Faith Mission in downtown Columbus, working in food pantries, and even teaching a third-grade Sunday school class (but not anatomy of the eye);
- Supporting the Columbus Symphony and Columbus Museum of Fine Arts. He is also a member of the Natural History Society;
- Keeping in shape by working out at the gym at the McConnell Heart Hospital several times a week and enjoying the social interaction with others there who keep fit by keeping active;
- Attending many campus musical performances and guest lectures that are plentiful and open to the public.

He told me, "It was a privilege to teach those students, and to be involved with their lives as they prepared to serve others who would need their expertise in eye and vision care." He also said he would love to hear from any of his former students. His address is 3839 Olentangy Boulevard, Columbus, OH 43214-3533.



Dr. Jack King enjoys kayaking on the Olentangy River.



By Jennifer Bennett, MS Ed, Director of Student Affairs

fun facts
about our newest students:

3.64
AVERAGE
GPA

25
MEN

38

29
NON

What do you remember about your first day of optometry school? For 67 future ODs gathered in 33 Fry on August 18 to take their first steps toward becoming optometrists, simply arriving at orientation was an accomplishment in and of itself.

The class of 2021 was selected from a pool of more than 600 applicants – through an extremely competitive admissions process. Each member of the new class demonstrated proven academic ability (the group has an average GPA of 3.64), knowledge of the optometry profession, and leadership potential. The class of 2021 includes 42 women, 25 men, 38 Ohio residents, and 29 out-of-state students.



Prior to the start of classes, new students participated in a two-day orientation program designed to help them understand what it means to be a professional student, experience the College of Optometry family, and gain exposure to resources that enable student success. Activities included a study skill session, strategies for maintaining wellness and the DISC (dominance, influence, steadiness, conscientiousness) workshop. DISC is a behavioral-style assessment tool that is used with new students to assist in acquiring self-awareness that can inform both the transition to optometry school and the process of building a sense of community within the class.

Other memorable moments included experiencing the solar eclipse with more than 1,000 fellow new students from Dentistry, Medicine, Nursing, Pharmacy, Public Health, and Veterinary Medicine during the annual Interprofessional Education and Practice (IPEP) seminar, and the annual Welcome Dinner featuring keynote speaker and President-Elect of the Ohio Optometric Association, David Anderson (OD'04).

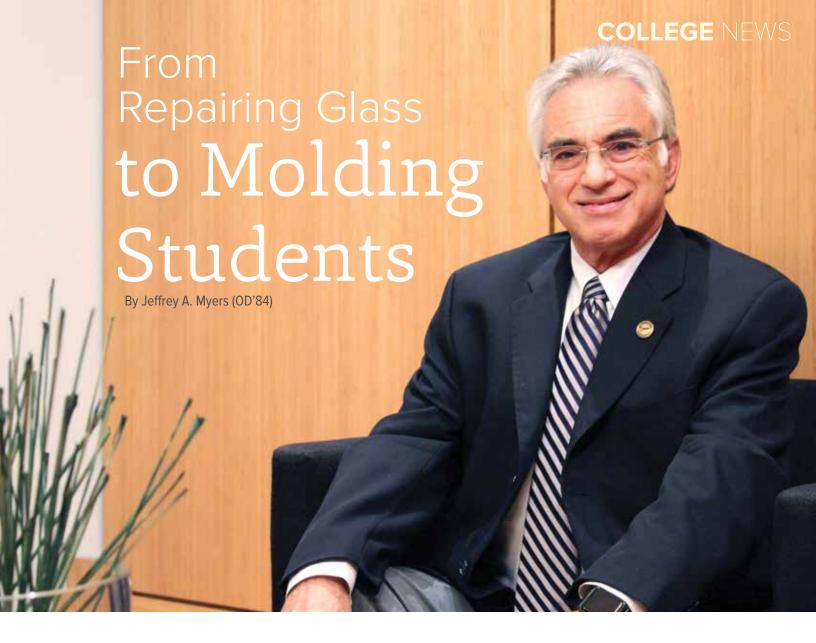
Regardless of what you may or may not remember about your first day of optometry school, there is no doubt that you, like the class of 2021, were entering a time of great discovery and transformation in your life. In those first moments of a new experience anything is possible. Optometry's future is bright! Welcome Class of 2021!



Kaitlyn McBride ('19) and Jordan Claboine ('19) write welcome notes to each member of the class of 2021.

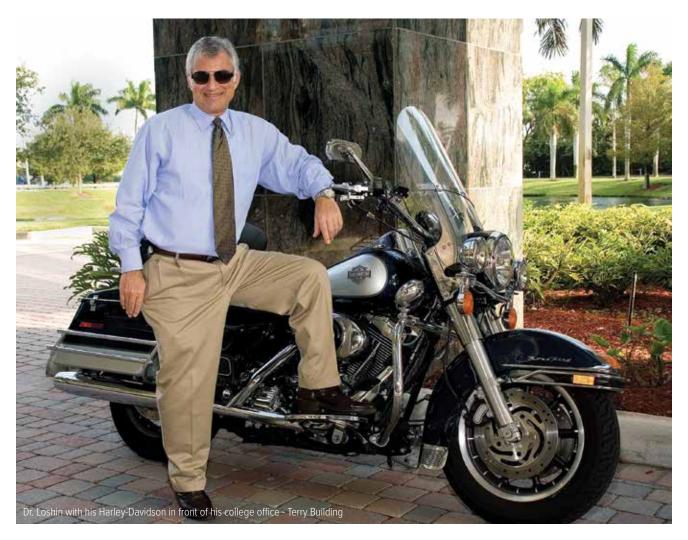


Nicky Lai (OD/MS'03) leads new students on a college scavenger hunt.



Growing up in Danbury, Connecticut, David S. Loshin (MS'74, OD'75, PhD'77) spent the early part of his life working in his father's glass business. He learned to use tools while repairing windshields, mirrors, and windows in the business. Little did he know that the intimate knowledge of tools would be an avocation later in life or that he would trade repairing windshields for teaching optics to the current and next generation of optometrists that they would use to correct patient's vision.

He earned his bachelor's degree from the Rochester Institute of Technology (RIT) with a major in Photographic Science & Instrumentation. Interestingly, his father earned his bachelor's degree the same year from Western Connecticut State College. While he had an offer from the Central Intelligence Agency, he worked for Qualitron during summers while at RIT. His work there involved creating a photo mask for semiconductors and building a dryer for glass plates.



While at RIT, Robert Kintz, PhD, a vision researcher at the University of Rochester, spoke to the class about the science of vision. Kintz became Dr. Loshin's senior project advisor at RIT. Dr. Loshin's interest in the science of vision was piqued and Kintz encouraged him to consider optometry. Loshin's credentials allowed him admittance to several optometry programs. He chose Ohio State due to its relative geographic proximity to his home and the strong graduate program that appealed to his research curiosity.

When he enrolled in The Ohio State University College of Optometry, he was one of the few students who already had a bachelor's degree. He used that to his advantage by becoming a math teaching assistant during his first year, which paid tuition and a stipend. He also worked in the lab of Glenn Fry, PhD beginning in his first year. By his third year, he was working as a teaching assistant, had doubled his stipend by teaching two classes, continued the optometry program, and was enrolled in the OPT7 program, leading to a master's degree.

Uniquely, he earned his master's degree at the end of his third year of optometry school, and was enrolled in the PhD program before completing his OD degree. Dr. Loshin reports that working on his PhD was a blessed time. His advisors were Dr. Fry and Ronald Jones (MS'70, OD, PhD'72). He believes he learned much about practical optometry from both of them. His PhD thesis, funded by a National Institutes of Health Postdoctoral Award, investigated the latency of visual evoked potential in amblyopia patients.

After completing his PhD, he left Ohio State and joined the faculty at the University of Houston College of Optometry where he spent 18 years. While there, he taught courses in geometric and physical optics the entire time. He also taught graduate courses, was a graduate advisor, was appointed as the Director of Residencies, and was selected to be the Assistant Dean for Finance and Administration. Through a state grant, Dr. Loshin was able to expand his NIH low vision research to NASA Johnson Space Center, which allowed him to work with NASA engineers on robotic vision and its feasibility in assisting low vision patients.

He was recruited and became the Dean at the University of Missouri St. Louis (UMSL) College of Optometry. Although he enjoyed being at the institution, family challenges made the assignment difficult. While at UMSL, he was recruited to become the Dean at Nova Southeastern University College of Optometry shortly after Nova moved from North Miami Beach to a new campus in Davie, Florida. Clearly, this move fit his family very well since he is currently celebrating 20+ years as Dean.

Teaching is still a passion, evidenced by the fact he continues teaching the first year students in a teamtaught optics course. He has been able to continue some research, previously focusing on another one of his passions, low vision, and currently studying color vision. While at Houston, he wrote a geometric optics workbook. He is currently working to make this book into an e-book that is interactive and has animation. He hopes this will be useful for the new tech-savvy students for years to come.

Under his leadership as Dean, the Nova College of Optometry has developed several innovative programs. One innovation was the development of the Extended Program to help individuals who had family obligations or were choosing optometry as a second career. This program allows a reduced

course load in the first three years, basically spreading the first two years of the traditional program over three years and completing the OD degree in five years.

Another innovation was the Preparatory Optometry Program (POP) that helped candidates who didn't meet criteria for admission but showed great promise. In this one-year program, students take many of the basic science courses with the first year optometry students along with some undergraduate courses in an effort to demonstrate their ability and to increase their knowledge. If successful, students are admitted to the professional program the following year.

Dr. Loshin has also been involved with international education, specifically in China. For more than 10 years, fourth-year Nova students could select an externship rotation in Tianjin at the Eye Hospital or Shanghai at Fuduan University. In addition, for more than 15 years, the college has supported two visiting scholars from China for a one-year period where they performed research or develop skills in optometry.

Educational innovations have been designed for practitioners as well. Nova has an online Master of Science degree in Clinical Vision Research



Dr. Loshin at a cafe in Paris.

COLLEGE NEWS

that was designed for optometrists who are practicing and who want to learn how to perform clinical research. The two-year program can be completed while doctors continue to practice. Dr. Loshin also has been very supportive of faculty development, allowing them latitude to learn and develop. Two years ago, he invited faculty from the Northeastern College of Optometry to present a laser course to the faculty; they returned for a surgical procedures course last year.

Mentors often influence high achievers along the way. Dr. Loshin credits a number of key people in his life. Early in his career, Dr. Fry influenced him in his research path and helped him create a genuine scientific curiosity. At the University of Houston, Deans William Baldwin, OD, PhD and Jerald Strickland, OD, PhD guided Loshin to be an educational administrator, which has served him well over the last two decades. Fred Lippman, RPh, EdD, who was a representative in the Florida legislature and introduced an optometry pharmaceuticals bill in the 1980s, was Chancellor of NOVA's Health Professions Division for much of Dr. Loshin's tenure as Dean. His understanding and support of optometry helped Dr. Loshin in his leadership role.

Dr. Loshin has a wide diversity of outside interests. That early exposure to using tools and his hands has developed into a love of woodworking, which takes up almost all of a three-car garage, except for one of his other passions; two motorcycles, a Harley-Davidson and a Triumph. Earlier in his adult life, he and his wife played competitive co-ed soccer. Computer graphics have been a favorite activity to use his creativity. Blues music is a passion, and he has played guitar in the past. While he has not touched the instrument in years, he likes

Aaron Loshin, Dr. Loshin, and Ryan Loshin.

to return to the music he loves when he has the time. On his bucket list is running a half marathon, visiting all of the National Parks and becoming even more computer literate.

He has been married to his wife, Mary, who is also an optometrist, for 38 years. They have two sons and daughters-in-law; Aaron, a chemical engineer, and his wife, Jessica, live in Tampa, and Ryan, a data analyst, and his wife, Laura, live in Orlando. The Loshins just welcomed their first grandchild to the family on September 28, 2017, Mackenzie Sloane Loshin, courtesy of Aaron and Jessica.

Dr. Loshin has no firm plan to retire as Dean. But if and when he does, he will not spend his days doing nothing. He feels he still has plenty to offer, whether serving on the faculty part-time or doing research. With his wide and varied number of outside interests, he should have no problem productively filling his time. Regardless, he can find satisfaction in knowing that he has been a part of educating more than a generation of optometrists who will serve millions of patients in the years to come.



Dr. Loshin's granddaughter Mackenzie and Murphy, his son's dog.

WILDERMUTH **OPTOMETRIC** RESEARCH CLINIC

RESEARCH ROUNDUP By Jeff Walline (OD, MS'98, PhD'02)

2017 Ohio Lions Eye Research Foundation awards announced

The Ohio Lions Eye Research Foundation has awarded its 2017 research fellowship awards. The College of Optometry is pleased to receive five of these awards!



Katherine Bickle, (OD/ MS'13), Recipient of the OLERF Fellowship, \$25.000

During her fellowship period, Dr. Bickle will study the differences in the ocular surfaces of children and adult contact lens wearers. This work is designed to determine why adults appear to suffer from

more contact lens-related dry eye than children.

Cornelia Peterson, DVM, Recipient of the OLERF Fellowship, \$25,000

Heather Chandler, PhD, Recipient of the W.R. Bryan Diabetic Eye Disease Award, \$10,000

Dr. Peterson and Dr. Chandler, who is Dr. Peterson's mentor, study diabetic corneal stability and wound

healing. They will research the molecular cascades initiated by treatment of the In Vitro cornea with topical insulin, which has been shown to aid in the resolution of epithelial defects and enhance healing of skin wounds in an animal model. Dr. Peterson's fellowship affords her the time to complete this research, while Dr. Chandler's award provides the necessary laboratory resources.

Deyue Yu, PhD, Neiderhauser AMD Grant, \$10,000

Dr. Yu's research interest is low vision. In this study, she will evaluate the use of blue-blocker lenses by low vision patients. Some patients report improvements in contrast sensitivity, reading, and sports/recreational activity performance with their use. Previous studies of the efficacy of these lenses have been inconclusive. This research will incorporate a comprehensive set of visual function evaluations to more thoroughly investigate the effects of blueblocker lenses in patients with low vision.

Timothy J. Plageman, PhD, and Heather Chandler, PhD, OLERF Research Grant, \$20,000

Drs. Plageman and Chandler will collaborate to elucidate the molecular mechanisms underpinning presbyopia. In their study, they hypothesize that continued lens growth may be a source of accommodative failure, and that mechanical stress resulting from reshaping of the eye by eye muscle contraction can induce cell proliferation and tissue growth. Understanding this molecular process may lead to the ability to manipulate lens growth and thus delay presbyopia.

Fruitful Ohio State University Collaborations

The College of Optometry and the Department of Ophthalmology encourage collaborations between their faculty. One such collaboration has resulted in the award of new clinical trial, Contact Lens Assessment in Youth – Soft Contact Observation of Risk and Education (CLAY-SCORE). This trial investigates how young adults wearing soft contact lenses, who are at higher risk of complications related to their contacts, utilize and care for their contact lenses, with the goal of developing a scoring system for a contact lens risk survey. This system could help practitioners identify patients exhibiting risky behaviors and appropriately target them with education in best practices.

Heidi Wagner (OD'86), Lynn Mitchell, MAS, and Aaron Zimmerman (OD'06, MS'08) from Optometry and Chantelle Mundy (OD'08), Barbara Mihalik (OD'14) and Stephanie Pisano (OD'14) of the Department of Ophthalmology will enroll subjects, conduct the trial, monitor data, and perform the statistics for this multi-site national study funded by Alcon.

More broadly, the optometry and ophthalmology research faculty joined for an evening of sharing their research and successful collaborations in the second annual UnEYEted Conference on October 19. To continue to encourage and support these collaborations with the goal of improving patient care, the College of Optometry and Department of Ophthalmology announced a new co-funded internal grant opportunity to further stimulate collaborative research.

Keeping the next generation of scientists in research

The National Institutes of Health Loan Repayment Program (LRP) was established by Congress and designed to recruit and retain highly qualified health professionals into biomedical research careers. The escalating costs of advanced education and training in medicine and clinical specialties are forcing some scientists to abandon their research careers for higher-paying private industry or private practice careers.

The LRP counteracts that financial pressure by repaying up to \$35,000 annually of a researcher's qualified educational debt in return for a commitment to engage in NIH mission-relevant research. Since tomorrow's medical breakthroughs will be made by investigators starting their research careers today, the LRP represents an important investment by NIH in the future of health discovery and the wellbeing of the nation. The College of Optometry is proud to announce that four of their PhD students are recipients of this award. Congratulations to Maureen Plaumann, OD, Ann Morrison (OD'14, MS'16), Erin Rueff (OD'12,

MS'14), and Phil Yuhas (OD/MS'14)!



Maureen Plaumann, OD, Ann Morrison (OD'14, MS'16), and Erin Rueff (OD'12, MS'14)

Medical Optometry Pioneer Jou Catania Delivers Myers Lecture

By Jeffrey Walline (OD, MS'98, PhD'02)

The Jeffrey and Joyce Myers Lecture Series was established through a gift from Jeffrey (OD'84) and Joyce Myers to feature a speaker with expertise across the domains of optometry and vision science. This year, we were honored to host Lou Catania, OD, who delivered a soliloguy that ranged in scope from a primer to future capabilities of the immune system. Although Dr. Catania had not lectured in six years, it was obvious that lecturing is like riding a bike; it is a skill you never forget. Students in the audience were lucky to see what so many optometrists have witnessed: a flurry of energy, wisdom, and unparalleled passion for clinical science.



Joyce Myers, Jeff Myers (OD'84), Lou Catania, OD and Karla Zadnik, OD, PhD

Dr. Catania should be considered the father of medical optometry. He was a pioneer in post-graduate residency education and lectured to 49 of the 50 states about management of ocular disease at a time when optometrists could not prescribe therapeutic pharmaceuticals. His testimonials and education helped optometry expand its scope to include therapeutic treatments for ocular disease.

He currently practices part-time in a large ophthalmology group and balances his time consulting. He is beginning to explore biophysics and immunology and their future applications in eye and general health care, including genetic engineering, stem cells, and nanotechnology.

During a pre-lecture interview (available at http://go.osu. edu/catania) hosted by Dr. Myers, Bob Newcomb (OD'71, MPH) read a footnote Dr. Catania wrote in a chapter he contributed to Dr. Newcomb's 1981 text Public Health and Community Optometry, "As a point of personal privilege, the author has chosen to use the female form of the personal pronoun in this chapter. The choice was partially in the interest of simplicity, but more so, because it is right to give one-half of humanity the recognition the other half has enjoyed for so long. This chapter addresses both." It was this type of forward-thinking that Dr. Catania shared with the College of Optometry on this night and the profession of optometry over the past 48 years.



Congratulations New Diplomate Binocular Vision, Perception and Pediatric Optometry:

Cara Frasco (OD/MS'03), Dublin, Ohio

Congratulations New Fellows

Michelle J. Buckland (OD'06, MS'08), Columbus, Ohio Megan Holmes (OD'09), Avon Lake, Ohio Brandon McFadden (OD'14), Spokane, Washington Ann M. Morrison (OD'14, MS'16), Columbus, Ohio Masoud Nafey (OD'13), Mountain House, California Cari Nealon (OD'05), Lakewood, Ohio Linda Nguyen (MS'13, OD'15), San Jose, California Michael Wayne Smith (OD'16), Dallas, Texas Megan Taylor (OD'15), Madison, Alabama Dianne Louise Williams (OD'04), Hanahan, South Carolina









Cara Frasco (OD'06, MS'08) and Jeff Walline (OD, MS'98, PhD'02)

Andrya Lowther, Chris Snyder (OD'78, MS'82), Jerry Lowther (OD'67, MS'69, PhD'72), and Kurt Zadnik

Amber Mathias ('18) and San-San Cooley (OD'09)

Elaime Hernandez, OD, Mike Do (OD'14), Derek Gresko (OD'12), Victoria Piamonte (OD'13), and John Manard (OD'14)

Paula Kelbley ('18), Sarah Baughman ('18), and Sandy Veres ('18)

Ann Morrison (OD'14, MS'16), Justin Gillette ('19), and Kayli Davis ('19)





COLLEGE NEWS







Alumni, students, faculty and friends of the college had a blast catching up at the Academy Alumni Reception in Chicago.

Melanie Anspaugh (OD'11), Andrea Dietz (OD'11), Annika Williamschen (OD'11), and Kylee Kleppinger (OD'11)

Tom Quinn (OD'79, MS'81) and Don Mutti, OD, PhD $\,$

Jessica Bodamer ('18), Anthony Chiang ('18) and Vance Ku ('18)

Kayli Davis ('19), Lexz Rudinoff ('19), Keyana Kelley ('19) and Dalya Qaisi ('19)





Brian Mathie (OD'90), Kelley Sedlock ('19), Brooke Mathie ('19) and Mrs. Tonda Mathie

New Ocular Disease and Neuro-Optometry Club Hosts First Meeting

By Jennifer Bennett, MS Ed, Director of Student Affairs and Kelley Sedlock ('19)

One hundred excited voices were hushed as Kelley Sedlock ('19) stood in front of a crowd of her classmates to introduce the newly formed Ocular Disease and Neuro-Optometry Club.

Both surprised and excited by the incredible turnout at the first meeting, Kelley proudly discussed how she discovered a passion for ocular disease through her studies and was inspired to add a group focused on ocular disease to the college's impressive list of optometry focused clubs. Kelley brought the new club to life and recruited fellow classmates Brooke Mathie ('19), Kelly Morgan ('19), and Macy Caldwell ('19) to serve as inaugural board members.

COLLEGE NEWS









Kelley Sedlock ('19)

Brook Mathie ('19)

Kelly Morgan ('19)

Macy Caldwell ('19)

"Our student organizations are a lab for leadership skill development. Not only will the leaders of this club benefit from the experience of founding a club, but the entire community benefits from increased opportunities for involvement, networking, and learning outside of the classroom."

Jennifer Bennett

Sponsored by Allergan, the first meeting took place in early September as the students hosted the club's first speaker, and received plenty of positive feedback from students who greatly enjoyed the intelligence and wit of alumnus, **Brian** Mathie, (OD'90).

Dr. Mathie spoke to students about different disease-related cases they may encounter in their future careers, the best ways to manage these cases, clinical pearls and interesting experiences encountered throughout his career. The highlight of the presentation was the Graeter's sundae bar generously provided by Dr. Mathie and his practice, Roholt Vision Institute, at the conclusion of the meeting.

Members of the Ocular Disease Club look forward to future meetings, including a talk with current residents about their experience with ocular disease residency programs, a potential tour of Havener Eye Institute, and various other speakers throughout the year.



Kelley Sedlock ('19) and Brooke Mathie ('19)

New Faculty Profile:

Tatevik Movsisyan (OD'16)

You're a recent graduate of our program. What did you do immediately after graduation?

I completed a geriatric/low vision residency at the Birmingham Veterans Affairs Medical Center in Alabama, where I gained experience treating chronic eye disease, especially glaucoma, AMD, and diabetic complications. I also provided low vision care to veterans in an outpatient and inpatient blind rehab setting.

When did it occur to you that you wanted to return to the College of Optometry as clinical faculty?

I knew midway through residency that I wanted to be in a teaching setting, either VA or academia. I had a great experience as a student at Ohio State, so when the opportunity came at the right time, I knew it was the right choice.

What is the most exciting aspect of joining the College of Optometry as clinical faculty?

Being back in a familiar setting in a new role. I love working with students and providing excellent patient care with them.

What has it been like to interact as a peer with your former professors/attendings?

It feels great to have come full circle. Having such amazing mentors as a student that I now get to call colleagues is pretty special.

What trait have you found to be most common in the students with whom you're interacting?

Their hard work ethic and enthusiasm. They all love learning and have a passion for optometry.

What is the single thing that students should do to make their lives easier?

Form meaningful relationships with patients. You will never know everything but if patients trust and like you, your life will definitely be easier.



What do you consider to be your greatest achievement?

Getting to where I am today. I am an Armenian American who immigrated to the United States at the age of six with my parents, and where I am today was their precise goal when they decided to leave everything they knew and loved behind.

What were your childhood goals/aspirations?

I can't say I have known what I wanted to be when I was a child, but I always aimed to be successful in whatever I chose to do and give it my all. I knew I would be working with people and helping them in some way. In high school I thought about psychology as a career, and I guess in some ways working with patients as an optometrist incorporates psychology.

What are your hobbies/interests outside of optometry?

I love music, yoga, and traveling.

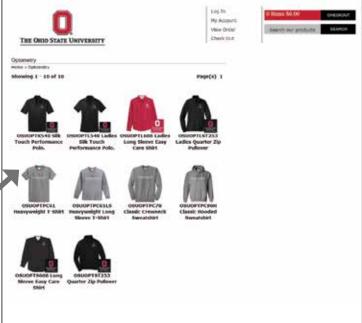
College of Optometry Attire For Sale

We have heard from you and the desire to represent Ohio State Optometry in your respective communities!

While the College of Optometry does not create and distribute merchandise, many of our student organizations do this throughout the year to sponsor trips and events. These items include hats, coffee mugs, optometric conference shirts, and many more. If you would like to be alerted the next time an opportunity becomes available to purchase something, please contact Michael Haddock at haddock.15@osu.edu so that he may add you to an alumni listserv. Please note you will need to coordinate payment with a student representative, and you can opt out any time by notifying Michael.

In addition, the university works with a vendor who provides college-specific gear, available at **osubuybuckeye.com**, but the proceeds from items purchased here do not benefit our student groups.





Get your very own optometry swag! osubuybuckeye.com

DEVELOPMENT



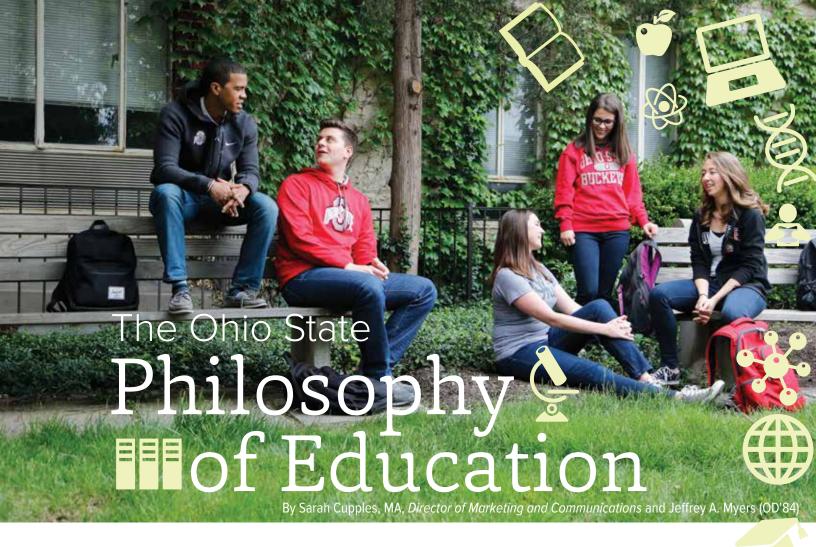
Christopher O'Brien (OD'92) is remembered as the class comedian, a good friend, a great doctor, a loving family man, and a courageous fighter against ALS. Dr. O'Brien lost that battle a number of years ago, and his classmates and family wanted to find a way to honor him here at the College of Optometry.

In 2015, Loretta Szczotka-Flynn (OD/MS'92) and Bill Lay (OD'92) decided that as the class approached their 25th reunion, this would be the perfect time to remember Dr. O'Brien, or "CO" as he was known. The college had recently opened the new pre-clinic in Fry Hall and there were rooms that still needed names. After talking with the family, they decided to involve the rest of the class to reach the \$25,000 needed to name a pre-clinic exam room.

Twenty-seven classmates and the family came together to reach their goal only a few weeks

before their reunion. During Homecoming weekend on October 7, many 1992 graduates and O'Brien family members gathered at the college to share stories and dedicate the room in CO's honor.

Our students have 24/7 access to the pre-clinic that not only displays Dr. O'Brien's name, but many other generous alumni and friends who have named rooms over the past few years. We're grateful to have classes like 1992 that come together like family to remember those who have been lost, and in doing so, help future students for years to come.



Historically, the concept of education is really nothing more than the sharing of knowledge from one human to another. In prehistoric times, the passing of knowledge of a place to find food, or the teaching of a skill, or sharing a personal story was done in the absence of a written alphabet. Sharing the knowledge was done verbally or by demonstration, from one person to another or to a small group. The student would learn the skill or the story via memory and repetition.

The advent of the written word allowed concepts, stories, and skills to be recorded for future use by others and allowed dissemination of various thoughts. Students in the Middle Ages prided themselves on the master under whom they studied. With the printing press, multiple copies allowed speed of copying, and speed of dissemination.

Since the middle of the 20th century, the ways in which humans can learn from one another and share ideas has exploded. From radio, television, movies, and telephone, to computers, cellular phones and social media, people share information and wisdom at speeds and distances only imagined a century ago. Formal education can take the form of internet-based webinars and online courses from locations far away and with classmates one never meets in person.



Educating the best future optometrists involves incorporating basic science concepts and clinical teaching.

Yet, the vast majority of formal education from kindergarten through graduate studies and professional education continues to be similar to the methods used centuries ago— one person sharing wisdom or knowledge they have with another person or group.

When standing at an intersection of traditional sharing of knowledge and an explosion of technological capability, how does a professional educational program take the best of both worlds and deliver the knowledge and wisdom to prepare their students to care for patients over the next several decades?

The answer lies in recruiting the wisest people to share their wisdom and using the technological advances to enhance the ability to demonstrate skills.

The secret of the Ohio State Optometry model of success is the integration of basic science concepts into clinical teaching, according to Michael Earley, (OD/MS'88, PhD'92).

"We train our students how to think about basic science and clinical findings simultaneously,"

explains Dr. Earley. "The strength of our program lies in the fact that our professors show correlation to the clinical condition."

While training our students how to think about basic science and clinical findings together, an understanding of the "how" and "why" behind adaptation of new technology is incorporated into the curriculum. As technology shapes how eye

care is delivered, it is important to not simply learn how to use the current tools available. Our students gain an understanding of how to evaluate innovations and determine how to use resources to help improve the vision of patients.

Other schools have designed their curriculum differently, beginning by teaching





"We train our students how to think about basic science and clinical findings simultaneously."

Michael Earley, (OD/MS'88, PhD'92)

basic science on its own, followed by teaching clinical science in a separate silo.

"We aren't in silos," says Dr. Earley. "Our methods promote critical thinking beyond an 'if-then' memorization of responses to conditions."

Ohio State's method prepares students to perform better on board examinations and creates a mindset that embraces lifelong learning.

For years to come, Ohio State Optometry graduates will enter the field as forward-thinking problem solvers who are armed with the ability to understand new research, apply it to clinical practice, and appropriately evaluate and adopt new technology.





Fourth-year students complete an exit survey at the end of their program, providing valuable feedback. One of the questions asks students to identify the program's major strengths. Here are their honest answers.

- My education prepared me well for practicing fullscope optometry.
- Education is unmatched I felt extremely well prepared for NBEO parts 1-3 even though I am not what I personally consider a strong test taker.
- Size of class is a strength within a large university setting. Large university setting with a very personal, intimate atmosphere where professors and staff genuinely care about the students and their success.
- The push in the past couple years for awareness of mental health within the college is wonderful and needed. The inclusion of an on-site psychologist is amazing and a well-thought-out idea.
- Large university with the resources and support network that comes from that.
- Clinical instructors are top-notch in their field. Not only are they great teachers, they also are extremely knowledgeable in the different practices settings.
- Professors who genuinely care about their students and make an effort to get to know them and help them succeed.
- Attendings who have private practice knowledge and can apply this to the college's clinical setting.
- Small class sizes promote strong bonds between peers and allow for easier access to professors.
- Providing exceptional faculty members and clinic instructors who look forward to teaching.
- The teaching faculty does a very good job at organizing the material in an order that promotes academic/clinical growth.
- The college has very strong contact lens and pediatrics programs that taught me quite a bit about each topic.
- Friendly staff. Everyone always greets you with a smile and asks how you're doing. People at the school genuinely care about you, and are always willing to do anything to help. Just a great environment to be in.



ALUMNI NEWS



Homecoming 2017

By Michael Haddock, Assistant Director of Alumni Engagement

This year, the College of Optometry welcomed more than 500 alumni, family and friends back to campus during Homecoming Weekend. On Friday night, alumni attended a unique continuing education presentation titled, "Introduction to Spaceflight Associated Neuro-ocular Syndrome (SANS) and its Risk to NASA Astronauts" led by U.S. Navy Capt. Tyson Brunstetter (OD/MS'97, PhD'00).

Immediately following, alumni celebrating their "milestone reunion years" met for dinner throughout Columbus reminiscing and sharing stories. These gatherings were coordinated by each class and some even had special appearances by Dean Karla Zadnik. The weekend was officially kicked off by Bad Habits - the Eye Docs of Rock as they celebrated their 30th anniversary at Shadowbox Live in downtown Columbus. This concert provided a memorable experience for alumni, faculty, students, and friends who attended.

On Saturday afternoon, alumni and friends gathered at The Ohio State University's Pre-Game Huddle at the Recreation and Physical Activity Center (RPAC), due to construction at Fry and Starling-Loving Halls. This new location close to the stadium offered many Buckeye tailgate amenities and interactions with Brutus Buckeye, along with welcoming addresses from Ohio State President Dr. Michael Drake and Athletic Director Gene Smith. While this tailgate did not take place at the college, there was still a solid Buckeye Optometry presence, and a great time was had by all!

Although the weekend is over, we would like to extend an invitation to connect with those who will be celebrating their "milestone reunion years" in 2018. If you are a class president or would like to volunteer to help coordinate your class's reunion, please email haddock.15@osu.edu or call 614-688-1363. While all alumni are invited to campus for Homecoming Weekend, the 2018 milestone reunion classes next year will be: 1973, 1978, 1983, 1988, 1993, 1998, 2003, 2008 and 2013.

Save the date - Sept. 7-8, 2018





The Class of 1982

The Class of 1987

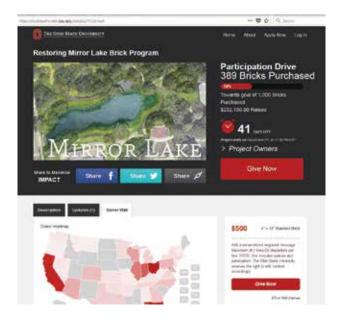
Restoring Mirror Lake: Participate in the Brick Program Today!

By Michael Haddock, Assistant Director of Alumni Engagement

If you've been on campus lately, you may have noticed the renovation project restoring Pomerene Hall and the nearby Mirror Lake District. The \$59 million project to restore the surrounding areas (including Browning Amphitheatre) is a part of the university's goal to focus on sustainability and safety as The Ohio State University approaches its 150th anniversary in 2020.

As a part of that renovation project, the university is welcoming alumni to be a part of this historical location on campus through an engraved brick or paver along the lake's banks. A personalized inscription is a fitting way to memorialize events on campus, recognize a loved one, or celebrate your Buckeye spirit. The deadline for the first installation of bricks is December 31, 2017 and you can learn more by visiting

https://buckeyefunder.osu.edu/project/7019/wall.



Optometry Alumni Society Membership Renewal

On Friday night prior to the *Bad Habits* concert, Optometry Alumni Society President **Vince Driggs (OD'85)** conducted the organization's annual membership meeting. During this time, Dr. Driggs provided a brief "state of the board" address and shared upcoming alumni events. Additionally, three board members were re-elected: **Bob Newcomb (OD'71, MPH)**, **Jim Bieber (BS'64, OD'68)**, and **Stephanie Baxter (OD'08)**.

You will receive an email and letter in 2018 highlighting the impact of your membership donations.

If you have any feedback or would like to learn more about the Optometry Alumni Society board, please contact haddock.15@osu.edu

Please send Alumni News items to Michael Haddock, Alumni Coordinator, at haddock, 15@osu.edu



Wanted: Optometry alumni to gather and watch Buckeyes football. There's just one catch – the minimum age requirement for this group is 85. On the other hand, there's no maximum age. The group's motto is "Once you're a dedicated Buckeye, you're always a dedicated Buckeye."

Current members pictured are Roger Boyd (BS'52), Dick Ball (BS'55), Ben Laubach (BS'54), Dick Nordin (BS'54), and Will Stamp (BS'55).

1980 Mark Wright (OD'80) has been elected to join the Texas State Optical, Inc. Board of Directors and Board Officers. Dr. Wright is the President of Pathways to Success and Clinical Associate Professor at The Ohio State University College of Optometry.

1987 Carol Alexander (OD'87) was recognized by Vision Monday as one of 2017's "Most Influential Women in Optical." As Director of Professional Communications, Vision Care for Johnson & Johnson, Dr. Alexander was chosen because "she is a tireless advocate for optometry ... with her background as a practicing optometrist and incredible professionalism there is not one better to represent our profession. There is no half way with Carol - she is all in."

1988 Michael Earley (OD/MS'88, PhD'92) was quoted in the Columbus Dispatch with advice to provide safe viewing practices for the solar eclipse of August 2017.

1992 The hand-eye coordination research of Nick Fogt (OD/MS'92, PhD'96) was published in the August issue of Optometry and Vision Science. His work concluded "patterns of hand and eye movements are subtly different when batters are swinging versus 'taking' a pitch. The study adds new information that batters 'keep their eye on the ball' longer when they're swinging versus not swinging."

1998 Jeffrey Walline (OD, MS'98, PhD'02) offered insight in Women's Health Magazine about the risks of wearing the same contact lenses for multiple days at a time. Aside from the risk of bacteria build-up and possible infection, Dr. Walline suggests that longer-wear contacts can be a useful alternative for those who are on a tight budget.

Dr. Walline was also recognized on Self.com after a story went viral that actress Mandy Moore was soliciting advice on how to treat a black eye. Dr. Walline shared that a black eye is simply a bruise around the eye, but it's especially sensitive since it involves a delicate organ. Ultimately, many remedies are useless, and the body's natural defenses are the main driving force in the healing process.

2005 J.P. Maszczak (OD'05) was quoted on Self.com with reasons why our eyes "twitch" involuntarily. Dr. Maszczak is currently an Assistant Professor of Clinical Optometry and an attending faculty member at the College of Optometry's new satellite clinic in Upper Arlington.

2008 Stephanie Baxter (OD'08) recently welcomed daughter Vivian to her family, who is already protected by bigbrother Griffin.





2010 Lauren Grillot (OD'10) was inducted into the Ohio Northern University Athletic Hall of Fame. She was a three-time NCAA Division III national qualifier in the 400-meter hurdle and a national qualifier in the 4x400 relay. She was also twice a member of the Ohio Athletic Conference champion 4x400 relay team. Dr. Grillot currently practices in Ft. Loramie and Sidney, Ohio, and currently lives in Fort Loramie with husband Ryan and three children: Vera, Henry, and Oscar.

2016 Shane Mulvihill (OD'16) joined the Emory Eye Center faculty in Atlanta, Georgia. The Emory Eye Center is the largest, most comprehensive eye care facility in Georgia, serving patients for more than 125 years. Ophthalmologists, optometrists, and other eye care professionals treat individuals of all ages who need care ranging from general examinations to treatment of complex disorders. Shane and his wife just welcomed a new baby to their new home, as well!





(Left to Right) Roger Saneholtz (OD'74), "Buckeye" Bob Newcomb (OD'71, MPH), Chris Smiley (OD'01), Vince Driggs (OD'85), and Assistant Director of Alumni Engagement Michael Haddock pictured here with their best O-H-I-O during the 2017 Ohio State Alumni Association Leadership Symposium.



In Memoriam

Frank Berger (BS'54), age 90, passed away on July 11 in Cleveland.

Dr. Berger was an Army Veteran of World War II, after which he used the GI Bill to obtain an optometry degree from The Ohio State University. He practiced for more than 35 years and retired in 1992. He loved playing tennis, skiing, hiking the Metro Parks, and time spent on his Harley-Davidson motorcycle. He also enjoyed building model cars, planes, and museum-caliber ships. He was married to Violet Berger for 60 years and is survived by children Kathleen, Gregory, Frank Jr., and Jacqueline.

Terry Bright (BS'63), age 83, passed away on September 5.

Dr. Bright was born in Logan, Ohio to Maggie and Glendon Bright. He served in the U.S. Army from 1954 to 1956 as a Specialist 3rd Class working as a Morse Code interceptor. He graduated from The Ohio State University in 1963 and practiced in Springboro, Ohio for 40 years before retiring and moving to Florida. Terry's family was the center of his life: he was married to his wife, Dorothy for 50 years and is survived by his sister Sherry, his two sons Adam and Darrin, and his daughter Andrea.

Roger Graybill (BS'64, OD'67), age 76, passed away on August 28 in Hilton Head, South Carolina.

Dr. Graybill was born in Lancaster, Ohio, to Ralph and Edna Graybill. He received his BS and OD from The Ohio State University and returned to Lancaster to practice optometry until 1992, where he specialized in pediatric visual therapy. He was an avid tennis player and his team won the state USTA Tournament in 1994. He enjoyed spending time outdoors riding bicycles and walking on the beach. He is survived by his wife of 40 years Jeanne; daughters Gina, Joni, and Amy; and grandchildren Josh, Caleb, and Lindsey.







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We would love to feature your news.

Contact Dr. Jeffrey A. Myers at jamod@winchestervisioncare.com with feature story ideas.

Contact Michael Haddock at haddock.15@osu.edu with alumni news items.