ALIGNING MEDICAL EDUCATION WITH PURPOSE
Our MISSION

The mission of the West Virginia School of Osteopathic Medicine (WVSOM) is to educate students from diverse backgrounds as lifelong learners in osteopathic medicine and complementary health related programs; to support and develop graduate medical education training; to advance scientific knowledge through academic, clinical and basic science research; and to promote patient-centered, evidence based medicine. WVSOM is dedicated to serve, first and foremost, the state of West Virginia and the health care needs of its residents, emphasizing primary care in rural areas.
THIS IS WHERE
WVSOM ALIGNS WITH MEDICAL EDUCATION

4 Remarkable milestones
5 Clear vision – clear purpose
6 Institutional awards and recognition
7 Continuing accreditation maximum term granted

8 EMPLOYEES DRIVE OBJECTIVES
10 Creating workplace superheroes

12 STUDENTS EMBRACE THEIR PASSION
14 Student demographics
16 Students driven to touch lives in local communities
18 Students helping fellow students

20 EDUCATION PREPARES STUDENTS FOR THE FUTURE
22 Academic path
24 Learning environment
26 WVSOM research is flourishing
30 Graduate demographics
34 GME/MSOPTI
35 Single GME accreditation system

36 INITIATIVES REINFORCE PURPOSE
38 RHI - Pipeline programs with a purpose
40 HCI - Healthy living programs for elementary school students
42 CRCH - Improving health in rural communities

44 ALLIES SUPPORT GOALS
46 Generations of support
48 Foundation of support
50 Capital Campaign supporters
53 Networks of support
56 Financial overview
58 Get to know our leadership team
59 Board of Governors
There is a saying by Lou Holtz, the renowned football coach, that “if you are not moving forward, you are going backward.” As I enter my second year as chairman of WVSOM’s Board of Governors it occurs to me that we are reaching remarkable milestones at WVSOM because we are doing just that — moving forward.

For the 18th straight year, U.S. News & World Report has ranked WVSOM as a top medical school in our nation. For the sixth straight year, we have been rated as a Great College to Work For by The Chronicle of Higher Education, making the honor roll in the ranking, which means “the best of the best” this nation has to offer.

WVSOM continues to hold the top-spot in the percentage of graduates who practice in rural areas, according to Academic Medicine, leading all medical schools nationwide. The school ranks No. 5 nationally for the percentage of medical school graduates who enter primary care residencies and WVSOM is recognized as the nation’s No. 12 medical school for family medicine, according to U.S. News & World Report.

Our research initiatives continue to expand as we are noticed on the national stage for contributions to science. This year was a record year for student participation in research projects.

I am certain you can sense my admiration for the school and all that it stands for. The future is bright at the West Virginia School of Osteopathic Medicine. I am proud to be a part of it. I invite you to get involved in the school’s incredible mission. You won’t be disappointed because we are moving forward.
This fall I had the pleasure of greeting WVSOM’s Class of 2020. We celebrated their vision for the future at convocation; the donning of their white coats by mentors, friends and family, and their first steps on the path to becoming osteopathic physicians.

We capped the experience with a phenomenal keynote presentation by WVSOM alumnus and renowned ophthalmologist, Charles Davis, D.O. Dr. Davis challenged the class to remain true to their vision.

Vision is indeed an important part of who we are and where we are going.

WVSOM’s vision aligns medical education with a purpose. So what is that vision and purpose? It is to be a student-centric medical school that combines osteopathic principles and practices, along with a cutting-edge medical education, in order to train and prepare the physicians of the future.

For more than 40 years, we have been building a reputation founded on providing high quality education, excellent facilities, expert faculty and distinguished alumni. We’ve grown quite a bit since we opened our doors but our commitment to our students — to provide the best osteopathic medical education in the country — is unchanged.

During this past year, our commitment, vision and purpose were evidenced through the renewal of our accreditation by the Commission on Osteopathic College Accreditation (COCA) for the full seven years — the longest term allowed. During this review we were recognized with a commendation for our dedication to the mission and vision of our school.

In fact, we have always embraced our mission! WVSOM not only supports our students, it clearly provides benefit to all of our stakeholders: students, employees, faculty, alumni and their patients. The following pages report our achievements during the 2015-2016 fiscal year. I invite you to explore these pages, celebrate our purpose and catch our vision!

Best regards,

Michael Adelman, D.O., D.P.M., J.D.
INSTITUTIONAL AWARDS AND RECOGNITION

Planning would not be complete without outcomes and measurements of progress on the state and national scale. Accreditation processes play a significant role in internal review and rankings allow WVSOM to understand how the organization resonates on the national level.

Because our mission is securely aligned with serving others, it is significant to note that WVSOM is No. 1 in the state, the region and the nation in the percentage of graduates who practice rural medicine. Rural care supports some of the most underserved areas in the nation.

WVSOM is No. 1 in providing primary care physicians for West Virginia. *W.Va. HEPC Health Sciences Report Card*

WVSOM is No. 1 in the nation graduating primary care physicians who practice in rural Appalachia. *Academic Medicine*

WVSOM is No. 1 in the nation among all medical schools graduating physicians who practice in rural areas. *Academic Medicine*

WVSOM was recognized for the sixth consecutive year as a Great College to Work For. *The Chronicle of Higher Education*

WVSOM was ranked one of the nation’s top medical schools for the 18th consecutive year. *U.S. News & World Report*

The above data is supported by published reports:
The American Osteopathic Association’s Commission on Osteopathic College Accreditation (AOA COCA) granted WVSOM continuing accreditation for seven years, the most an institution can receive, at its April 16-17, 2016 meeting.

WVSOM received commendations for meeting its mission of providing primary care osteopathic physicians for rural areas and for its Healthy Children’s Initiative to improve the health of children through nutrition, exercise and making healthy choices.

AOA COCA is the only agency that is recognized by the U.S. Department of Education for accrediting osteopathic medical schools.

The accreditation process is to ensure that the education provided by the institution meets acceptable levels of quality. It also creates a culture of continuous quality improvement, which stimulates the increasing of standards at the institution. The process involves administration, faculty, staff and students in a proactive comprehensive evaluation of the institution that is focused on the standards set by AOA COCA. The submission of an institutional self-study is followed by an on-site visit by an evaluation team to determine whether or not the standards have been met. Receiving continuing accreditation for the maximum number of years allowed by AOA COCA indicates that the institution is meeting the accreditation standards for its Doctor of Osteopathic Medicine program.

WVSOM Vice President for Academic Affairs and Dean, Craig Boisvert, D.O., and WVSOM Vice President for Administration and External Relations, Jim Nemitz, Ph.D., led the long and thorough process for accreditation.

WVSOM is also fully accredited by the Higher Learning Commission, which is one of six regional institutional accreditors in the U.S.
The individuals in the WVSOM community are our greatest strength.
Visitors experience first-hand the enthusiasm of our staff and faculty, the beauty of our facilities and the distinct qualities that set WVSOM apart from any other medical school in the nation. Talented leaders and an experienced Board of Governors guide the school to fulfill its mission.
WVSOM provides
► Professional development funding
► Educational development funding for continuing education
► On-campus training opportunities
► Health and wellness programs

As in previous years, the Office of Human Resources provided an Employee Appreciation Month in February and all trainings were centered on our “Employee Superheroes.” Training opportunities included diversity, classification and compensation, “Let Your Superhero Out” with a Gallop Clifton strengths assessment, building a personal mission statement, and other employee appreciation events.

For the sixth consecutive year, WVSOM received recognition as a “Great College to Work For,” according to a survey by The Chronicle of Higher Education. WVSOM was also recognized on the Chronicle’s 2016 Honor Roll as a college that received the most recognitions within their category. This independent survey of employees was performed at many participating institutions, with WVSOM earning high marks for its performance in several workplace categories.

WVSOM WAS RECOGNIZED FOR:
► Collaborative governance
► Facilities, workspaces and security
► Professional/career-development programs
► Respect and appreciation
► Teaching environment

Creating Workplace Superheroes
Fiscal year 2016 focused on building employees’ strengths and fostering an environment where employees could grow personally and professionally.
Since the initiation of the Educational Development program in 2010, 38 employees have benefited. The goal is to provide and enhance professional knowledge or skills, and to improve academic and professional credentials for each employee. Funding is provided to employees in pursuit of degrees, non-degree studies, research, presentations and other academic or professional programs that would not normally fall under funds that would be awarded for job-related professional development. Classified employees also had the opportunity to access two tuition waivers per semester from New River Technical and Community College.

Participating employees received $2,000 per fiscal year for educational development.
Each WVSOM student has succeeded in obtaining one of approximately 200 coveted spots due to their academic accomplishments, personal achievements and passion to serve.
From their first days on campus, students are provided opportunities to pursue their interests, serve in their community, and achieve their goals to practice osteopathic medicine. Many of our graduates stay in the state to serve the citizens of West Virginia while others practice in almost every state in the country.
STUDENT DEMOGRAPHICS

WVSOM students hail from across the United States. The number of applications is strong each year. This past year, 4,851 students applied for approximately 200 available seats. WVSOM then makes mission-driven decisions based on each applicant’s academic success, their extra-curricular experiences and their passion to become an osteopathic physician.

4,851 TOTAL APPLICANTS
212 TOTAL MEMBERS OF THE FIRST-YEAR CLASS
25% 53 MINORITY STUDENTS
36% 76 25 YEARS OR OLDER

109 FEMALES
Compared to 102 (49%) in 2015
51%

103 MALES
Compared to 107 (51%) in 2015
49%
253 TOTAL
HOME COUNTY OF 2015-2016 WVSOM STUDENTS
First year through fourth year
Map created 6/15/2016

30% OF WVSOM STUDENTS WERE FROM WEST VIRGINIA

832 TOTAL
HOME STATE OF 2015-2016 WVSOM STUDENTS
First year through fourth year
Map created 6/15/2016
STUDENTS DRIVEN TO TOUCH LIVES IN LOCAL COMMUNITIES

WVSOM students actively reach out and serve the local community. Through their passion to serve they build homes with Habitat for Humanity, operate fundraisers for the Family Refuge Center, collect coats for the United Way and provide local education for medical conditions including breast cancer, prostate cancer and Alzheimer’s disease. Our goal is to develop leaders who will carry these experiences into their professional lives, deepening and nurturing connections that strengthen the fabric of our communities. WVSOM tracks student volunteer activities as T.O.U.C.H. (Translating Osteopathic Understanding into Community Health) hours.

### DAY OF SERVICE PARTICIPANTS

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<thead>
<tr>
<th>Year</th>
<th>Participants</th>
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<tbody>
<tr>
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<td>56</td>
</tr>
<tr>
<td>2012</td>
<td>60</td>
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<td>128</td>
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<td>2014</td>
<td>109</td>
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<td>2015</td>
<td>138</td>
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International mission trip

Local flood relief efforts and medical attention

WVSOM.edu
T.O.U.C.H HOURS LOGGED BY THE
HIGHEST PERFORMING STUDENTS

348 WVSOM STUDENTS
VOLUNTEERED A TOTAL OF
18,027 HOURS

April 1, 2015 – March 31, 2016

Sometimes becoming an excellent doctor has nothing to do with medicine.
IT HAS TO DO WITH A PASSION TO SERVE.

PLATINUM
1 student 224 hours

GOLD
78 students 100+ hours each

SILVER
105 students 50-99 hours each

Health and safety fair

Geriatric club visits an assisted living facility

Heart of the Holidays
There’s an intimacy and culture about WVSOM where the success of the students and the school are intertwined. This builds upon a community of students, faculty, staff and administration who respect each other and wish success for each other on a personal level.”
Harsha Kannan, Class of 2018, SGA president (Pictured top row, center)

The Student Government Association (SGA) maintains communications among all members of the student body and acts as the sole official representative for the entire student body to the faculty, administration, fellow professionals and the public. Members contribute to the WVSOM family and community in many ways. Each November, the SGA supports WVSOM students by raising funds for scholarships at their annual gala the Grand Affair. Students are then selected as recipients of SGA scholarships.

MORE SCHOLARSHIP RECIPIENTS

The Grand Affair raises funds for medical student scholarships with support from individuals and businesses. The annual event, which is hosted by the WVSOM Student Government Association, is one of the most successful fundraising opportunities at the school.

The following students are the recipients of the Student Government Association Scholarship Award:

- Rachel Harris, Class of 2017
- Miles Medina, Class of 2017
- Julia Vu, Class of 2017
- Michael Blahut, Class of 2018
- Kathleen Woods, Class of 2018
- Emily Zagorski, Class of 2018
- Anna Malysz, Class of 2019
- Lisa Smith, Class of 2019
- Ethan Stephens, Class of 2019

“WVSOM has shaped my mind, intellect and spirit, and the support of my school and colleagues motivates me to do better each day. I appreciate the potential that they see in me, and I will strive to live up to it while reciprocating help and positive influence to those around me.”
Anna Malysz, Class of 2019
“Being a recipient of the SGA Scholarship is an honor to be recognized by my fellow classmates, and has inspired me to further dedicate my energy to help improve the WVSOM student community. The scholarship has helped me financially and I am grateful for the ability to be supported in my education at WVSOM.”

Michael Blahut, Class of 2018

“The awards no doubt contributed to my receipt of the National Health Service Corp Scholarship for the 2016-2018 school years. This scholarship will make it possible to follow my dream to serve the underserved as a pediatrician while still managing my medical school debt. I will be forever thankful for this opportunity and those who made it possible.”

Anne Taylor, Class of 2018

“Being a recipient of the SGA Scholarship Award for the Class of 2018 is a true honor. Medical school has proven to be some of the most challenging years of my life and success would not be possible without the continuous support from my incredible classmates and the entire WVSOM community!”

Kathleen Woods, Class of 2018

The Student D.O. of the Year award acknowledges a student’s commitment to his or her school, community and the osteopathic profession. The award embodies every element of an exceptional osteopathic medical student. This year’s award was presented to Anne Taylor, Class of 2018, from Minneapolis, Minn.

Student Doctor Taylor was also a recipient of the newly created SGA Character Scholarship Awards, which were presented to students who possess and demonstrate characteristics that may sometimes go unnoticed but are noted by peers, and was recognized as the platinum level Translating Osteopathic Understanding into Community Health (T.O.U.C.H.) program winner for her 224 hours of community service.

Anne Taylor, Class of 2018
EDUCATION PREPARES STUDENTS FOR THE FUTURE

A highly selective process garners a successful student body.
The WVSOM medical education program fosters the development of caring and compassionate physicians. Many accomplishments and milestones have been made this past academic year, such as graduating the first class that completed all four years under the new curriculum and a record number of faculty and students participating in research. This would not be possible without the benefit of a well-orchestrated plan that includes offering state-of-the-art classrooms, labs, equipment and technology – all part of the WVSOM learning environment.
ACADEMIC PATH

The WVSOM medical education program fosters the development of caring and compassionate physicians.

FIRST AND SECOND YEARS: PATIENT PRESENTATION CURRICULUM (PPC)

WVSOM’s PPC uses the most common ways patients present to a physician to form the framework around which the curricular content is taught. Throughout the first two years, the PPC uses small and large group activities such as flipped classrooms and team-based learning to supplement lectures and labs. The team-based learning and 22 human patient simulators complement the standardized patient labs and electronic health record training that all occur in WVSOM’s Clinical Evaluation Center (CEC).

First- and second-year students excel when they utilize the CEC, where they train with standardized patients and human patient simulators. Beyond basic history and physical skills, their simulator experiences in the CEC include delivering babies, inserting central lines, using ultrasound technology or managing emergency situations. Students indicate they want to spend more time in these labs.

The WVSOM Osteopathic Principles and Practice department continues to provide students with a strong program, which includes the Student Osteopathic Manipulative Medicine (OMM) clinic. This experience allows students to practice their diagnosis and clinical hands-on skills on patients who are referred by local physicians.

Our rigorous program produces physicians who are dedicated, disciplined and committed to mastering knowledge and embracing a compassionate bedside manner. The patient-centered curricular structure offers a clinically integrated approach to medical education.
THIRD AND FOURTH YEARS: STATEWIDE CAMPUS (SWC)

In the third and fourth year, students are assigned to one of six regions in the state where 22 hospitals serve as base sites for their medical education. Additionally, 38 other hospitals in the region serve as training sites for third- and fourth-year students. Within the Statewide Campus, students fulfill the majority of their core clinical rotations that include eight weeks each of family medicine and internal medicine plus four weeks each of general surgery, psychiatry, pediatrics, OB-GYN and emergency medicine.

During this time, WVSOM’s Rural Health Initiative provides students interested in rural medicine the chance to enhance and expand their rural rotation experiences. Students take advantage of international experiences through clubs and elective rotations.

In the fourth year, students are required to complete rotations of eight weeks each in surgery, internal medicine and family medicine. Additionally, students must complete four weeks of pediatrics and 10 weeks of electives. The fourth year may be completed at their current Statewide Campus site, another SWC site or at an approved site of their choosing.
The West Virginia School of Osteopathic Medicine offers several programs to support academic performance.

**ACADEMIC SUPPORT PROGRAMS AT WVSOM INCLUDE:**

- Academic Support and Intervention Resources (ASPIRE)
- Clinical Evaluation Center (CEC)
- Center for International Medicine and Cultural Concerns (CIMCC)
- Exam Center
- Office of Assessment and Educational Development (OAED)
- Office of National Boards
- Rural Health Initiative (RHI)
- Peer mentoring

**THE WVSOM PEER MENTOR PROGRAM**

Soon after arriving on campus for the fall semester, first-year students are introduced to the Peer Mentor Program. First-year students are each assigned a second-year student to assist them in making the transition to medical school. The peer mentoring program flourished in the 2015-2016 academic year. The program realized a 14 percent increase in participants with an overall increase of 33 percent during the last four years.
LEARNING ENVIRONMENTS AND COMMUNITY OPPORTUNITIES

We cannot maintain excellence in the student experience without committing to exceptional facilities and technology.

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<th><strong>67 TOTAL ACRES</strong></th>
<th>Supporting excellence in medical education and dynamic learning environments</th>
</tr>
</thead>
</table>

**CENTER FOR TECHNOLOGY AND RURAL MEDICINE**

First- and second-year, 200-seat lecture halls with state-of-the-art technology and lecture capture systems

**FREDRIC W. SMITH SCIENCE BUILDING**

Anatomy labs provide complete anatomy education to 200+ Medical Students Every Year

Research labs are home to 20+ Ongoing Clinical Research Initiatives every year

**CLINICAL EVALUATION CENTER**

- 200+ Hands-on birthing lab experiences
- 3 Simulation special programs (mass casualty/community experience)
- 139 Simulated standardized patient office visit experiences
- 21 Simulation lab experiences
- 25 Tours for schools and members of the community
- 10 PE Prep Courses

**STUDENT CENTER**

- Multiple quiet study and open study areas
- Student government offices and meeting areas
- Dining lounge and café
- Campus store
- Conference Center

**MAIN BUILDING**

- Two, 80-seat lecture halls
- 1 Osteopathic Clinical Skills Lab
- 1 Osteopathic Clinical Skills Classroom
- James R. Stookey Library

**AN INSIDE LOOK AT THE CEC**

At the Clinical Evaluation Center (CEC), students confront real world patient situations in a training environment. The human patient simulators appear lifelike and whether it’s learning to intubate a trauma patient or delivering a baby, the human patient simulators provide students valuable learning experiences. Technicians program a set of signs and/or symptoms for the simulator as students evaluate, diagnose and determine treatment. Simulator experiences are recorded and students receive feedback on their performance.

The CEC also houses standardized patient exam rooms where community members are trained to present symptoms as students learn to take histories, develop communication skills and recognize key issues.

WVSOM’s Clinical Evaluation Center (CEC) was the first in the state accredited by the Society for Simulation in Healthcare in the area of Teaching/Education.
WVSOM RESEARCH IS FLOURISHING

WVSOM faculty are involved in a robust research program involving first- and second-year students. It has been a record-setting year for first-year students. Twenty-six students have participated in research while on campus in June 2016, more than any other year in the history of WVSOM thanks to the dedication of faculty mentors.

In addition, five WVSOM students participated in the Summer Research Externship Program at the Charleston Area Medical Center (CAMC), and one first-year student was accepted into a summer research program at WVU as part of the West Virginia Clinical and Translational Science Institute (WVCTSI). The WVCTSI was established in 2008 to advance the development of research focused on health disparities affecting the people and communities of West Virginia and Appalachia.

GRANT FUNDING

$1,219,076 TOTAL AWARDS

CONTINUING AWARDS $337,789

$587,000 Rural Health Initiative WVHEPC Enhances the rural/underserved primary care curriculum in order to produce qualified graduates who practice medicine in rural/underserved communities.

$33,000 Investigator Training WVHEPC Supports Title IX Investigator training and Practical Skills Certification in the state of West Virginia.

$32,207 Community Residency Support Program, Family Residency WVU Grant Supports student participation in family medicine training opportunities within West Virginia.

NEW AWARDS $881,287

$266,289 Clinical Translational Science Institute (CTSI/Research Corp, NIH year 4 of 5)

$71,500 Cellular expression and regulation of interleukin-27 in the neonatal immune system – NIH

$194,432 Center for Rural and Community Health Grants Improving health, supporting clinical research, and developing collaborations that support these efforts in rural communities and practices.

$10,000 Rural Residency Grant WVHEPC Supports student participation in a rural leadership fellowship program.

$10,000 West Virginia Perinatal Partnership WVHEPC A statewide partnership of health care professionals working to improve perinatal health in West Virginia.

$7,500 Diversity for Equity WVHEPC Bringing about mutual understanding and respect among all individuals and groups at WVSOM.

$4,735 WVCTSI/WVURC Vaginal Estrogen Delivery in a Model of Vulvovaginal Atrophy with Menopause.

$2,413 Just Say Know to Drugs WVDEA The West Virginia Governor’s STEM Initiative 2015 provided funding for 10 high school students to attend the camp.

$1,480 Development of methods for detecting xanthine dehydrogenase activity and uric acid excretion in nematodes.

$5,000 Exploring the effects of enforced exercise on C. elegans dysferin (fer-1) mutant using the worm treadmill platform.

$3,600 Role of mast cells in aging of the central nervous system.

$9,550 Role of palmitic acid methyl ester in ischemic neuroprotection.
RESEARCH BY THE NUMBERS

WVSOM research programs span a broad scope of opportunities and interests. Our students are regularly identified at the top of their field nationally. The 2015-2016 year provided access for greater development, deeper research and expanded participation.

STUDENT RESEARCH

First- and second-year students involved in research projects on the Lewisburg campus:
► 26 Student abstracts, presentations and posters
► 9 Student authors for scientific papers

Second-year students presenting their summer research experiences at the 2015 Student/Faculty Research Showcase:
► 17 Student participants
► 8 Poster presentations
► 6 Lightning talks
► 3 People’s Choice Award Winners:
  JAMES PHILLIPS
  DEVIN ROLLENDER
  CHRISTOPHER CARLS

Students presenting posters at the West Virginia Osteopathic Medical Association Annual Conference:
► 9 Posters presented by 15 student participants

Students named in national presentations:
► 29 Second-year student participants for national presentations

OMED Conference Orlando, Fla. October 2015
► 7 Students presented/attended the conference
► Lauren Wackerman and Kemper Steffe placed second in the poster competition

MSOPTI Residents presented at the Mid-Winter conference:
► 29 Residents and 1 student presented posters

WVSOM SUPPORTS YOUTH SCIENCE PROGRAMS

Southern West Virginia Regional Middle School Science Fair
April 19, 2016
► 3rd Time hosted by WVSOM
► 55 Middle school student participants

Annual Spring Research Forum
April 4, 2016 co-sponsored by Sigma Xi
► Dr. Felix James “Jay” Lockman, Telescope Principle Scientist at Green Bank Observatory, presented at the forum
► Induction of student members to Sigma Xi

FACULTY RESEARCH

► 57 Invited speakers or peer-reviewed poster presentations
► 28 Peer-reviewed articles
► New faculty:
  Dr. Courtney Eleazer (anatomy)
  Dr. Tuoen (Tony) Liu (pharmacology)

To find out more about research and the Ph.D. and D.O. researchers at WVSOM, follow this link:
www.wvsom.edu/Research/faculty-research-oasp
Factors related to performance in WVSOM’s curriculum and on licensing boards; – and – student interest in osteopathic manipulative medicine and primary care; – and – graduates’ practice specialty and location.

► FACULTY: Helen Hicks Baker, Ph.D., MBA

The effect of local estrogen treatment on the vaginal muscularis in a model of menopause.

► FACULTY: Maureen Basha, Ph.D.
► STUDENTS: Nicole L. Pepe, Lauren B. Doda, S. Stewart, Suzan Bilgesu, Sarah Pyatt

HPV in WV: Exploring HPV Prevention, Education, and Beliefs.

► FACULTY: Lourdes Bernardino, M.D.
► STUDENTS: Laura Bradel, Jared Carney

Can C. elegans be used as a model organism for investigating the relationship between uric acid and lipid metabolism? – and – The clinical utility of insulin resistance surrogate measures using systematic literature reviews and secondary data analysis.

► FACULTY: Kristie Bridges, Ph.D., in collaboration with Predrag Krajacic, M.D.
► STUDENTS: Kemper Steffe, Lauren Wackerman, David Marble, Carrie Fox

The enhancement of student scholarship through the investigation of learning outcomes following different methods of enhanced training including properly formatted and effective testing as well as early exposure to key concepts.

► FACULTY: Raeann Carrier, Ph.D.
► STUDENTS: Meghna Dhir, Carrie Fox, Brandi Keaton, Lucas Hamrick, Stephanie Harter

The molecular and cellular processes that underlie the occurrence of ventricular arrhythmias, particularly ventricular fibrillation, during myocardial ischemia and infarction.

► FACULTY: Hugh Clements-Jewery, Ph.D.
► STUDENTS: Patricia Radich, Nicholas Rawson

Assessing the demographic characteristics of the obese pediatric population and the use of the electronic medical record data to identify children at risk, or with clinical factors, of metabolic syndrome.

► FACULTY: Jill Cochran, Ph.D., APRN, C-FNP
► STUDENT: Stacy McCormick

The role of environmental factors (e.g. biomechanics, metabolism, and climate) in shaping human functional anatomy and skeletal morphology during growth.

► FACULTY: Courtney Eleazer, Ph.D.

The effects of paclitaxel, rapamycin, and vitamin B3 in preventing or decreasing ischemia-reperfusion injury following a myocardial infarction.

► FACULTY: Brian Griffith, Ph.D.
► STUDENT: Daniel White

The human locomotor apparatus and how variation affects the biomechanics and energetics of movement.

► FACULTY: Jandy Hanna, Ph.D.

The growth and development of the juvenile skeleton under varying nutritional and health conditions.

► FACULTY: Rebecca Kelso, Ph.D.
► STUDENTS: Pejmahn Eftekharzadeh

Assessing osteological changes that occur in the lower limb during growth of normal weighted and obese juveniles.

► FACULTY: Rebecca Kelso, Ph.D.
► STUDENTS: Laura Williams, Ryan Stradleigh, Ari Schaeffer, Shruti Iyer, Jack Kuipers, Pejmahn Eftekharzadeh

Identification of people with low bone mineral density without using ionizing radiation.

► FACULTY: Carolyn Komar, Ph.D., in collaboration with Andrea Nazar, D.O.
► STUDENTS: James Garvin, Nida Zia, Agape Chen, Mohammed Ahmed, Alexandra Huy, Joanna Wieckowska, Hannah Richwine
Muscular dystrophies using C. elegans as a model organism and working on development of a platform that can be used to induce exercise in worms.
► FACULTY: Predrag Krajacic, M.D.
► STUDENTS: James Phillips, Devin Rollender, Christopher Carls, Ethan Stephens, Carl Bou-Abboud

Understanding the role of gene deletion and/or mutations in hematopoiesis, and how genetic abnormalities contribute to hematopoietic malignancies such as acute myeloid leukemia (AML).
► FACULTY: Tuoen Liu, Ph.D.

The interaction between viral and host cell factors that are involved in formation of the Hepatitis C Virus (HCV) genome replication complex.
► FACULTY: David Manna, Ph.D.

The role of community health workers in clinical practice and nutrition education in osteopathic medical school curricula.
► FACULTY: Wayne Miller, Ph.D.
► STUDENTS: Nida Zia, Dustin Spencer, Denver Rogalla, Benjamin Wurst

Aging in the CNS, the pathobiology of chronic pain and the transition of acute pain to chronic pain, and the role of the external milieu on muscle stem cell activation and muscle repair.
► FACULTY: Joyce Morris-Wiman, Ph.D.
► STUDENTS: Jerry Henderson, Kathleen Woods, Joanna Wieckowski, Raymond Harron, James Lawrence

Hippocampal neuronal damage following cerebral ischemia and various mechanisms for neuroprotection – and – the mechanisms of palmitic acid methyl ester induced ischemic neuroprotection and understanding how this agent elicits neuroprotection.
► FACULTY: Jacob Neumann, Ph.D.
► STUDENT: Rinata Azizbayeva

The limitations in neonatal and infant immunity as they pertain to neonatal and infant mortality.
► FACULTY: Cory Robinson, Ph.D.
► STUDENT: Aaron Jacobson

The impact of pelvic somatic dysfunction on female reproductive health.
► FACULTY: Deborah Schmidt, D.O. and Carolyn Komar, Ph.D.

Quantifying changes in venous return following osteopathic manipulative treatment with lymphatic techniques.
► FACULTY: Deborah Schmidt, D.O.
► STUDENTS: Scott Brown, David Moccia, Josh Moore, Andrew Nakashi

Experiential Learning: An irreplaceable tool in osteopathic student education.
► FACULTY: Deborah Schmidt, D.O.
► STUDENTS: Tim Bikman, John Ford

How students structure their learning in response to the demands of medical school.
► FACULTY: Peter J. Ward, Ph.D.

INFANT MORTALITY AND IMMUNE RESPONSE: A GLOBAL CONCERN

About 1.5 million infants die of infection globally each year. Immune response in infants is characterized by deficiencies not typically represented in older children, which is central to Dr. Cory Robinson’s research. Understanding the mechanisms responsible for these shortcomings has been limited. Researchers at WVSOM think they have uncovered an aspect of neonatal immunity that represents a therapeutic target.

This has long-term potential in developing countries where infant mortality as a result of infection is highest, but it could make a significant impact in West Virginia and across the country where certain populations are particularly susceptible to infections.
OUR GRADUATE DEMOGRAPHICS

The most significant measurement of our success is revealed in our graduates. One of our visions is to graduate osteopathic physicians trained to perform at the top of their field while delivering compassion to each and every patient in their care.

WVSOM graduates consistently demonstrate their passion to serve. They exceed state and national averages for serving those in rural communities. They believe in what they do.
ALL SPECIALTIES
These maps show the total distribution of WVSOM graduates for all specialties throughout West Virginia and the United States by county and state, respectively.

GRADUATES FROM 1978-2012 PRACTICE IN WEST VIRGINIA
Map created 9/25/2015

31% OF WVSOM GRADUATES ARE PHYSICIANS IN WEST VIRGINIA

GRADUATES FROM 1978-2012 PRACTICE IN THE U.S.
Map created 9/25/2015

694 TOTAL
2,228 TOTAL
PRIMARY CARE

The maps on this page illustrate WVSOM primary care physicians located in 46 of 50 states nationwide. In West Virginia, only eight counties do not have a WVSOM graduate practicing primary care medicine.

546 TOTAL
GRADUATES FROM 1978-2012 PROVIDE PRIMARY CARE IN WEST VIRGINIA
Map created 9/25/2015

84%
OF THE COUNTIES IN WEST VIRGINIA HAVE WVSOM GRADUATES PROVIDING PRIMARY CARE

1,514 TOTAL
GRADUATES FROM 1978-2012 PROVIDE PRIMARY CARE IN THE U.S.
Map created 9/25/2015
The maps on this page show that WVSOM graduates practice medicine in rural areas all over the country but especially in Appalachia.

**352 TOTAL**

GRADUATES FROM 1978-2012 PRACTICE RURAL MEDICINE IN WEST VIRGINIA

Map created 9/25/2015

65% OF THE COUNTIES IN WEST VIRGINIA HAVE PHYSICIANS FROM WVSOM PRACTICING RURAL MEDICINE

**736 TOTAL**

GRADUATES FROM 1978-2012 PRACTICE RURAL MEDICINE IN THE U.S.

Map created 9/25/2015
GME/MSOPTI

Mountain State Osteopathic Postdoctoral Training Institutions, Inc. (MSOPTI) is an accredited graduate medical education training consortium consisting of the West Virginia School of Osteopathic Medicine (WVSOM) and affiliated training institutions.

There are currently 149 D.O.s in MSOPTI programs. These include WVSOM graduates as well as graduates from other osteopathic medical schools around the nation. There are 101 (68%) D.O.s currently in either MSOPTI primary care residencies (family medicine, geriatric medicine, internal medicine, pediatrics), emergency medicine, OB/GYN, or a traditional rotating osteopathic internship.
The Accreditation Council for Graduate Medical Education (ACGME) and AOA have been working together to ensure a smooth transition to the single accreditation system (SAS). AOA-approved programs and Sponsoring Institutions can now apply for ACGME accreditation, and must achieve ACGME Initial Accreditation by June 30, 2020, the date that the AOA will cease to accredit graduate medical education programs.

At the April 2016 ACGME Institutional Review Committee meeting, WVSOM’s MSOPTI ACGME Institutional Sponsorship application was reviewed resulting in an upgraded accreditation status from “Pre-Accreditation” to “Initial Accreditation.”

This status allows MSOPTI’s osteopathic residency and fellowship training programs to develop and submit program applications to the ACGME in order to become ACGME accredited. Vicki Shuman, D.O., FACOFP, associate dean for graduate medical education and MSOPTI academic officer, and William “Bill” Shires, MSOPTI executive director and designated institutional official (DIO), have been engaged in strategic planning with WVSOM and MSOPTI training sites to address the SAS transition.

“The Accreditation Council for Graduate Medical Education (ACGME) and AOA have been working together to ensure a smooth transition to the single accreditation system (SAS). AOA-approved programs and Sponsoring Institutions can now apply for ACGME accreditation, and must achieve ACGME Initial Accreditation by June 30, 2020, the date that the AOA will cease to accredit graduate medical education programs. At the April 2016 ACGME Institutional Review Committee meeting, WVSOM’s MSOPTI ACGME Institutional Sponsorship application was reviewed resulting in an upgraded accreditation status from “Pre-Accreditation” to “Initial Accreditation.” This status allows MSOPTI’s osteopathic residency and fellowship training programs to develop and submit program applications to the ACGME in order to become ACGME accredited. Vicki Shuman, D.O., FACOFP, associate dean for graduate medical education and MSOPTI academic officer, and William “Bill” Shires, MSOPTI executive director and designated institutional official (DIO), have been engaged in strategic planning with WVSOM and MSOPTI training sites to address the SAS transition.
Caring for the state of West Virginia is central to our mission.
The WVSOM mission is central to all we do. WVSOM’s contributions toward improving infant health, stemming the spread of opioid addiction, reaching underserved citizens and empowering children to make positive nutritional decisions — all demonstrate our commitment to the greater community.

WVSOM students descend 800 feet underground to explore coal mines as part of WVSOM’s Rural Health Initiative – designed to provide students in the program a better understanding of physical and emotional demands industry workers face daily in rural areas.
The Rural Health Initiative program’s mission is to enhance the rural primary care curriculum at the West Virginia School of Osteopathic Medicine in order to produce graduates uniquely qualified to practice medicine in rural/underserved communities of West Virginia. The West Virginia Higher Education Policy Commission awarded a $587,000 grant to WVSOM for its Rural Health Initiative. RHI accomplishments in the 2015-16 fiscal year included:

**2,399 HIGH SCHOOL STUDENTS** were introduced to rural medicine opportunities through RHI pipeline activities.

**2,526** Rural rotations were completed by WVSOM students.

**56** WVSOM students participated in the RHI program.
- 12 Class of 2016
- 16 Class of 2017
- 16 Class of 2018
- 12 Class of 2019

**90** Participants of the 5th annual RHI Rural Practice Day, included WVSOM students, spouses, significant others, faculty, staff, rural hospitals, clinics and speakers.

**PRE-MED STUDENTS**

<table>
<thead>
<tr>
<th>Location</th>
<th>Charleston Area Medical Center (CAMC)</th>
<th>Davis Medical Center (DMC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Years hosted</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

8 Undergraduate students participated in WVSOM’s RHI Green Coat Program.

Students must have a GPA of 3.0 or higher and be majoring in a health-related field.
RHI INSIGHT
The industry specific activities conducted through RHI teach students about environmental exposures that could cause injuries or diseases to West Virginia patients.

FOCUS ON OBJECTIVES

GRADUATES
6 RHI graduates from the Class of 2016 were accepted by:
- Marshall University • Huntington, WV
- Greenbrier Valley Medical Center • Ronceverte, WV
- AccessHealth Teaching Health Center • Beckley, WV
- Bluefield Regional Medical Center • Bluefield, WV
- Ohio Valley Medical Center • Wheeling, WV
- WVU Rural Family Medicine Program and Harpers Ferry Family Medicine • Harpers Ferry, WV

MENTORSHIP PROGRAM
9 Rural physicians encouraged RHI students to participate in rotations that:
- Enhanced rural primary care
- Reinforced student interest in rural primary care practice
- Demonstrated the quality of life in a rural community

SEE POSITIVE RESULTS
HEALTHY CHILDREN’S INITIATIVE

WVSOM’s Healthy Children’s Initiative continues to thrive. The television component, Abracadabra, began airing season 4 episodes on WV PBS and presentations to schools and festival audiences continue to encourage healthy living.

The television show takes place inside a magic shop filled with illusions and sleight of hand. It is hosted by Magician Mike, known in his career as Michael Adelman, D.O., D.P.M., J.D., president of the West Virginia School of Osteopathic Medicine. With friends Professor Science, Salty the pirate, Daisy the gardener and Mr. Oops, along with ventriloquist characters, Joey and Duk, Adelman combines magic, ventriloquism and original music with important lessons about health, nutrition, exercise, safety and science to children ages 4-10.

Since the program’s inception, 10,000+ students have been encouraged to make healthier choices through HCI.

Abracadabra lessons teach children to lead a healthy lifestyle, use safety precautions, identify scientific principles, and develop acceptable social behaviors. Topics have addressed bullying, food that farmers provide, STEM (science, technology, engineering and math), teaching social skills and a special Thanksgiving episode.
In its second year of implementation, *Abra Classroom*, for kindergarten through fifth grade, reinforces the educational concepts from the TV series through live presentations in individual classrooms. This program includes games about health and nutrition, videos from the series, lectures and direct interaction with the children.

*Abra Classroom* learning has a core message identified by *Abra* and the educator. The program encourages children to dig deeper into a topic, encourages open discussion, provides the opportunity to ask questions and motivates students and their families to apply those concepts.

“There’s still much to do to create a positive and enduring change in eating and exercise behaviors,” Adelman said. “We believe this show can contribute as one of multiple efforts statewide aimed at creating healthier West Virginians.”
The CRCH supports WVSOM’s focus on team-based and patient-centered care and the integration of prevention and population health to improve quality and efficiency of health care delivery. This is accomplished by developing programs that contribute to improving health in rural communities; supporting clinical research in rural practices; developing resources that support these efforts; providing education to communities, rural providers and students; and developing collaborations that support these efforts.

GREENBRIER COUNTY HEALTH ALLIANCE
This past year, partnerships and a process for collaborative planning were developed. An organizational structure was defined to become a 501 C3 nonprofit with a focused vision, mission and two-year strategic plan. The alliance leveraged three additional grants totaling $155,000 to implement the two-year work plan to:

► Create a website to communicate information about resources and facilitate access to community health activities.
► Create a digital asset map of existing assets/resources that promote healthy behaviors.
► Support community ambassadors in eight rural communities to identify needs and then plan and implement mini-grant projects to promote healthy lifestyle behaviors.
► Increase capacity to integrate self-management workshops into eight rural communities by training leaders by building infrastructure supports for the Stanford Chronic Disease Self-Management Programs and other evidence-based programs.
Increase resources and support for local foods to meet the local need for seniors and low-income families to have access to fresh fruits and vegetables.

The accomplishments above will lay a community engagement foundation with rural community partners who are cultivating local leadership through training, collaborative networking, resource referral and support. Trainings and tools will be developed in response to needs identified by local communities.

WEST VIRGINIA RURAL HEALTH ALLIANCE CONSORTIUM

WVSOM Center for Rural and Community Health through the Greenbrier County Health Alliance is providing statewide leadership for long-term systematic partnership development and a collaborative planning process focused on community engagement.

The Greenbrier County Health Alliance has partnered with the Mid-Ohio Valley Regional Health Department to form the West Virginia Rural Health Alliance Consortium to:

- Define a coordinated approach to population health issues.
- Generate cost savings and efficiencies.
- Pull resources.
- Promote collaboration between local service providers.
- Develop a structure for community engagement.

The Center for Rural and Community Health’s focus is to develop links related to systems for improvement that combines individual engagement and community collaboration to improve population health. We will document the process, tools and model approach that can be evaluated and shared. The alliance will expand to include statewide partners and design an evaluation that includes population health indicators and the social determinates of health.

EDUCATION

- Partnered with clinics and organizations and provided 10 (six-week) Diabetes Self-Management workshops with 104 participants.
- Developed evidence-based medicine training program for clinical staff, residents and students.
- Continued to provide Community Health Education Resource Persons training (levels 1 and 2) and developed the level 3 workbook.
- The West Virginia Health Sciences and Technology Academy (HSTA) portion of the Clinical and Translational Sciences Institute provided community health worker training to 136 HSTA students.
- Partnered with other organizations and communities to provide health and wellness education.
- Developed and disseminated educational materials to address health issues with various audiences.

CLINICAL RESEARCH

- Multiple clinical research projects at Robert C. Byrd Clinic, Greenbrier Valley Medical Center and other community-based providers.
- Community-based participatory research project.
- Participated in the West Virginia Alliance for Creative Health Solutions.
- Active partner in the West Virginia Practice Based Research Network.
- Multiple presentations at state and national meetings including the West Virginia Rural Health Association, the National Rural Health Association and the American College of Sports Medicine.

2015-2016 FUNDING

$478,983

9 EXTRAMURAL GRANTS

[ Five dollar signs ]
Meaningful collaboration leads to significant achievement.

Heather Antolini,
Director of Institutional Development
WVSOM would not be the same without the strong network of support from the WVSOM Alumni Association and the WVSOM Foundation. These organizations work tirelessly to engage alumni and corporate partners who share our mission and values. Their work establishes a legacy of care and planning for the future.
Generations of Support

The Alumni Association plays an active role in the everyday activities at WVSOM.

### Alumni Stats

(as of June 30, 2016)

- **Total Alumni**: 3,259
- **Total Life Members**: 796
- **Tower Donations to Date**: $86,028

### Student Support

**Giving $15,000+ in Scholarships and Support Annually**

- Support student-led fundraising events such as the Grand Affair.
- Provide three WVSOM Alumni Association scholarships at $5,000 each annually.
- Award grants through the Alumni Association Grant Program to faculty, staff and student organizations to help provide “extras” that are not available through departmental budgets or other funding sources such as providing the bus transportation for students to travel to D.O. Day on the Hill.

### Alumni Relations

**Networking Opportunities for Members**

- Provide an “Almost Alumni” luncheon during graduation week that includes a gift for each graduate. There is also a graduation brunch for spouses and significant others of graduates.
- Host Alumni Weekend at the end of August. The weekend includes the White Coat Ceremony where the association sponsors and purchases white coats for the incoming class.
- Award the Distinguished Alumni recognition annually.
- Host hospitality events during national conferences.

### CME Opportunities

**Keeping in the Know**

- Offer Continuing Medical Education during the Mid-Winter Osteopathic Seminar in Charleston, W.Va., and the Summer Seminar in Myrtle Beach, S.C.
- Continuing Medical Education is also offered during the Alumni weekend. Lunches, dinners and picnics are provided for those attending.
### CME ATTENDEES (as of June 30, 2016)

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
<th>2015</th>
<th>2014</th>
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<td><strong>MID-WINTER</strong></td>
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<td></td>
<td>256</td>
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<td></td>
<td>$66,195.57</td>
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<td></td>
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### WHITE COAT CLUB (as of June 30, 2016)

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<th>2016</th>
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<td><strong>6K</strong></td>
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<tr>
<td><strong>4K</strong></td>
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<td><strong>1K</strong></td>
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### ALUMNI TOWER DONATIONS (as of June 30, 2016)

<table>
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<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
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<tbody>
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<td>$8,331</td>
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<tr>
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<tr>
<td><strong>1K</strong></td>
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</table>

[Image of CME attendees, White Coat Club donations, and Alumni Tower donations]
The WVSOM Foundation had a successful year with several notable accomplishments.

**Foundation of Support**

Funds developed and managed by the foundation experienced a 27% growth rate in the past fiscal year.

**Scholarships**

The WVSOM Foundation has experienced a record year in commitments and contributions to the scholarship accounts. The 2015-16 fiscal year was also a banner year for scholarship award distributions. In addition to the second $200,000 contribution toward their $600,000 three-year pass-through scholarship pledge, the BrickStreet Foundation made an additional $900,000 contribution to establish the “BrickStreet Endowment,” which will provide scholarships to WVSOM students in perpetuity.

The WVSOM Foundation was honored to receive a Challenge Grant from the Maier Foundation, which will match each new $1 million pledged to the scholarship endowment with an additional $250,000 (up to a total of $1 million) placed in trust for WVSOM as a part of the West Virginia Emulation Endowment Trust to be used for additional scholarships for students. The future scholarships awarded from earnings on this trust account established for WVSOM by the Maier Foundation will be given in honor of former WVSOM President Olen Jones.

The WVSOM Foundation was also fortunate to receive a $1 million pledge toward the WVSOM scholarship endowment from the Regional Healthcare Foundation in Fairmont, W.Va. Scholarships related to this endowment contribution will be given to students from the Marion County region who are willing to commit to serving in that community after residency. Once this gift is fully funded, annual earnings should be sufficient to fund one to two full in-state tuition scholarships each year.

Thanks to the generosity of WVSOM donors and partners, the combined scholarship endowments reached almost $2.5 million this year, almost doubling the account in one year. As a result, the total amount distributed in student scholarships through the WVSOM Foundation this year was $237,800.

“Our focus continues to be increasing scholarship support for WVSOM students and we hope to maintain the positive momentum in the years to come.”

– Heather Antolini, director of institutional development
The WVSOM Foundation manages custodial monies invested on behalf of the school and they develop and manage funds from donor and corporate support.

In order to maximize returns and provide for better aggregate reporting, all WVSOM Foundation investments were consolidated and transferred to the professional investment advisors at Jeffries, LLC in 2016.

**STUDENT SUPPORT**
The WVSOM Foundation provides direct support to students. For the third consecutive year, funding support enabled WVSOM students to attend the annual D.O. Day on the Hill in Washington, D.C. Funds were also provided to purchase medical supplies for the PAX Club’s annual mission trip and to sponsor the music for the Grand Affair, an annual fundraising event for student scholarships.

**5 FOR 5 GIVING RECOGNITION PROGRAM**
Five hundred dollars a year for five years – the 5 for 5 program continues with the support of original donors and new participants. This program was revitalized and expanded to include more younger alumni in the coming year (2016-17) as an effort to encourage a culture of philanthropy.

**YEAR TO DATE COMPARISON**

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Facility Revenue</strong></td>
<td>$46,830</td>
<td>$33,708</td>
</tr>
<tr>
<td><strong>Capital Campaign</strong></td>
<td>$900,553</td>
<td>$422,956</td>
</tr>
<tr>
<td><strong>5 FOR 5</strong></td>
<td>$595,121</td>
<td>$422,511</td>
</tr>
<tr>
<td><strong>Scholarship Funds</strong></td>
<td>$2,357,246</td>
<td>$1,294,008</td>
</tr>
</tbody>
</table>
Pledges and payments are increasing as construction was completed on the new Student Center. Receipts to date for this campaign have almost reached the $1 million mark. New pledge commitments for the naming of five rooms and contributions to both the Clinical Evaluation Center and the Student Center facilities were received this year, but a number of opportunities are still available including several new rooms that have been added to the list.

Thank you to our donors:

**RECEPTION AREA ($35K)**
Spring Hill Cardiology, PLLC and Dr. and Mrs. Badshah Wazir

**ACLS ROOM 1 ($15K)**
Drs. Robert and Rachel Hunter

**ACLS ROOM 2 ($15K)**
James Deering, D.O., and Jodi Flanders, D.O.

**ACLS ROOM 3 ($15K)**
Drs. Rafael and Letetia Villalobos

**ACLS ROOM 4 ($15K)**
Drs. Rafael and Letetia Villalobos

**ACLS ROOM 5 ($15K)**
Dr. Samuel and Emily Deem

**ACLS ROOM 6 ($15K)**
Susan Painter, D.O.

**BOOK LIBRARY ($5K)**
John Glover, D.O.

**STANDARDIZED PATIENT LAB 1 ($25K)**
Rosa Stone, D.O.

**STANDARDIZED PATIENT LAB 2 ($25K)**
Jeff Braham, D.O.

**EMERGENCY SIMULATION LAB ($40K)**
Charles Davis, D.O.

**GRAND CONFERENCE HALL ($50K)**
John Manchin II, D.O.

**GRAND HALL LOBBY ($20K)**
Dr. Melanie Crites-Bachert and Mr. Richard Bachert

**LARGE CLASSROOM ($25K)**
Lewis Whaley, D.O.

**MEDIUM CLASSROOM ($15K)**
Drs. Cheryl and Michael Adelman

**NURSES TREATMENT AREA ($10K)**
A.S. Ghiathi, D.O.

**OFFICE 1 ($5K)**
OFFICE 2 ($5K)
Allen Finkelstein, D.O.

OFFICE 3 ($5K)
Carmen Damiani, D.O.

OFFICE 4 ($5K)
Naomi Wriston, D.O.

OFFICE 5 ($5K)
Drs. James and Nancy Tierney

OFFICE 6 ($5K)
Dr. and Mrs. O.J. Bailes

OFFICE 7 ($5K)
Dr. and Mrs. Gary Swann

OFFICE 8 ($5K)
Eloise Hayes, D.O.

OFFICE 9 ($5K)
Class of 2003

OFFICE 10 ($5K)
David Allen, D.O.

OFFICE 11 ($5K)
Cathy Dailey, D.O.

OFFICE SUITE ($10K)
Thomas White, D.O.

WELCOME OFFICE 1 ($10K)
West Virginia Osteopathic Medical Association

WELCOME OFFICE 2 ($10K)
Paul Conley, D.O.

ROBOT BIRTHING CENTER ($40K)
Manuel Ballas, D.O., and Derek Ballas, D.O.

ROBOT CONTROL ROOM ($10K)
Class of 1983

ROBOT VIEWING ROOM ($5K)
John Lackey, D.O.

SMALL CONFERENCE ROOM 1 ($10K)
Michael Antolini, D.O., and Heather Antolini

SMALL CONFERENCE ROOM 2 ($10K)
Lydia Weisser, D.O.

SMALL CONFERENCE ROOM 3 ($10K)
Class of 1982

SMALL CONFERENCE ROOM 4 ($10K)
R. Alan Spencer, D.O.

SMALL CONFERENCE ROOM 5 ($10K)
Jim Nemitz, Ph.D.

SMALL CONFERENCE ROOM 6 ($10K)
Hal Armistead, D.O., and Amy Roush, D.O.

SMALL CONFERENCE ROOM 7 ($10K)
Class of 1990

SMALL CONFERENCE ROOM 8 ($10K)
Randy Blackburn, D.O.

STAFF LOUNGE ($5K)
Dr. and Mrs. Arthur Rubin

STANDARDIZED PATIENT CONTROL ROOM ($10K)
Dr. and Mrs. Lorenzo Pence

TASK TRAINER ROOM ($20K)
Michael Nicholas, D.O.
CAPITAL CAMPAIGN: STUDENT CENTER

TOWER ($250K)
WVSOM Alumni Association

OPEN STUDENT STUDY LOUNGE ($100K)
Lori Tucker, D.O.

QUIET STUDENT STUDY LOUNGE ($100K)
Spring Hill Cardiology, PLLC and Dr. and Mrs. Badshah Wazir

STUDENT RECREATION LOUNGE ($75K)
Patrick Pagur, D.O., and Billie Wright, D.O.

PRESIDENT’S RECEPTION PARLOR ($75K)
Drs. Andrew and Tiffany Thymius

LARGE PRE-FUNCTION AREA ($50K)
Dino Beckett, D.O.

TERRACE ($25K)
Michael Nicholas, D.O.

ENTRY LOBBY ($25K)
David and Martha Rader

STUDENT GOVERNMENT CONFERENCE ROOM ($20K)
Drs. Robert and Rachel Hunter

SMALL PRE-FUNCTION AREA ($20K)
Drs. Robert and Rachel Hunter

STUDENT COPY CENTER ($10K)
Brian DeFade, D.O.

STUDENT GOVERNMENT OFFICE 1 ($20K)
Michael Nicholas, D.O.

STUDENT CENTER FUNDRAISING

TOTAL GOAL
$1,745,000

RECEIVED
$452,917

OUTSTANDING
$317,083

COMMITMENTS NEEDED
$975,000
We appreciate your long-term support.

**PRESIDENT’S COUNCIL DONORS $100,000+**
- Drs. Michael and Cheryl Adelman
- James “Buck” Harless
- Roland P. Sharp, D.O.
- Marlene Wager, D.O.
- Gary White
- BrickStreet Foundation, Inc.
- Hildegard P. Swick Estate
- The Greenbrier Hotel Corp.
- WVSOM Alumni Association
- Hollowell Foundation, Inc.

**FOUNDER’S CLUB DONORS $50,000-$99,999**
- Charles H. Davis, D.O.
- Ray A. Harron, M.D.
- John Manchin II, D.O.
- William R. McLaughlin, D.O.
- Michael A. Nicholas, D.O.
- Patrick W. Pagur, D.O., and Billie Wright, D.O.
- Carole Stookey
- Drs. Andrew and Tiffany Thymius
- Mrs. John Tirpak
- Harold M. Ward, D.O.
- Dr. and Mrs. Badshah Wazir/ Springfield Cardiology
- Harron Foundation
- West Virginia Osteopathic Medical Association
- The National Osteopathic Foundation

**PATRON DONORS $25,000-$49,999**
- Manuel W. Ballas, D.O.
- Catherine A. Bishop, D.O.
- Jeffery T. Braham, D.O.
- Clyde M. Brooks III, D.O.
- Cathy A. Dailey, D.O.
- Lawson W. Hamilton
- J. Robert Holmes, D.D.S.
- Drs. Robert and Rachel Hunter
- David L. Rader
- Rosa L. Stone, D.O.
- Lori A. Tucker, D.O.
- Drs. Rafael and Letetia Villalobos
- Lewis Whaley, D.O.
- City National Bank
- Smith Kline and French Laboratories
- Robert C. Byrd Clinic, Inc.
- Humana Foundation, Inc.
OUR NETWORK OF GIVING

July 1, 2015 - June 30, 2016

THIS LIST REFLECTS CUMULATIVE DONATIONS FOR THOSE WHO HAVE GIVEN THIS PAST FISCAL YEAR.

$100,000+
Drs. Michael and Cheryl Adelman
BrickStreet Foundation, Inc.
The Greenbrier Hotel Corp.
WVSOM Alumni Association

$50,000-$99,999
Charles H. Davis, D.O.
John Manchin, II, D.O.
Michael A. Nicholas, D.O.
Patrick W. Pagur, D.O. and Billie Wright, D.O.
Carole Stookey
Drs. Andrew and Tiffany Thymius
Dr. and Mrs. Badshah Wazir
Springfield Cardiology
Harron Foundation
West Virginia Osteopathic Medical Association

$25,000-$49,999
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Catherine A. Bishop, D.O.
Cathy A. Dailey, D.O.
Mr. and Mrs. David L. Rader
Lori A. Tucker, D.O.
Drs. Rafael and Letetia Villalobos
Robert C. Byrd Clinic, Inc.

$10,000-$24,999
Carlton Apgar, D.O.
Christopher D. Beckett, D.O.
Richard R. Blackburn, D.O., MBA
Craig Boisvert, D.O.
George Boxwell, D.O.
Dr. Samuel and Emily Deem
James Deering, D.O., and
Jodi Flanders, D.O.
Robert L. Flowers, D.O.
Abdollatif S. Ghiathi, D.O.
Jandy Hanna, Ph.D.

$5,000-$9,999
Heather Antolini
Michael L. Antolini, D.O.
David R. Barger, D.O.
Michael Bess, D.O.
Patrick C. Bonasso, M.D.
David Brown, Ph.D.
Paul J. Conley, D.O.
Melanie A. Crites-Bachert, D.O.
Robert Foster, D.O.
John M. Garlitz, D.O.
John C. Glover, D.O.
Ray S. Greco II, D.O.
Susan M. Ketcham
John K. Lackey, D.O.
Kathleen E. Maley, D.O.
Malcolm C. Modrakowski, Ph.D.
Stephen A. Naymick, D.O.
Donald Newell II, D.O.

Mr. and Mrs. Thomas J. Obropta Jr.
Joseph E. Schreiber, D.O.
Stephen C. Shy, D.O.
Drs. Thomas and Karen Steele
James P. Tierney, D.O.
George R. Triplett, D.O.
Ralph E. Wood, D.O.
Community Health Systems, Inc.
Bailey, Joseph & Slotnick, PLLC

$1,500-$4,999
William D. Armstrong, D.O.
Patricia F. Arnett, D.O.
Walter C. Boardwine, D.O.
Cynthia L. Butler, D.O.
J.P. B. Casher, D.O.
Craig A. Chambers, D.O.
Charles D. Cornell
David A. Cummings, D.O.
Clifford J. Evans, D.O.
Gail D. Feinberg, D.O.
Christopher P. Flanagan, D.O.
Richard Girardi, D.O.
Donald E. Gullickson II, D.O.
Ray D. Hayes, D.O.
Sharon Howard
Mark A. Hrko, D.O.
Lisa D. Hrutkay, D.O.
Randal N. Huff, D.O.
Vernon T. Hughes Jr., D.O.
Buddy L. Hurt, D.O.
Kelly Jackson, Ph.D.
Dr. Thomas and Andrea Karrs
Dermatology Centers, Inc.
Gretchen Lovett, Ph.D.
Richard D. Meadows, D.O.
Satish Menon, D.O.
William R. Minor, D.O.
Mark A. Mitchell, D.O.

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Kara A. O’Karma, D.O.
Sherry E. Phillips
Bonita J. Portier, D.O.
Mary C. Pozega, D.O.
Steve I. Richman, D.O.
Albert Smith Jr., D.O.
Julius K. Speed, D.O.
Scott L. Spradlin, D.O.
Russell L. Stewart, D.O.
Noel D. Weigel, D.O.
Mary C. Williams, D.O.
Kendall Wilson Jr., D.O.
Gregory K. Wood, D.O.
Bank of Monroe
Florida Osteopathic Medical Association
Fairmont Regional Medical Center
Charleston Area Medical Center
Meritus Health
Marietta Memorial Hospital

$500-$1,499
Joan R. Allman, D.O.
David J. Applegate, D.O.
Pat Bauserman
Leslie Bicksler
Diana K. Bird
Faisal Bukeirat, M.D.
Richard R. Burdeaux Sr., D.O.
Joseph H. Calvert, D.O.
Joseph P. Cincinnati, D.O.
H. Lawrence Clark
Jason B. Dees, D.O.
Carla D. DiPiero, D.O.
Gail J. Dudley, D.O.
Richard R. Durham, D.O.
Troy D. Foster, D.O.
Tim Holbrook
Marguerite Jurkovic, D.O.
Clay A. Lee, D.O.
Virgil McGrady, D.O.
Rebecca Morrow, Ph.D.
Catherine Noone
James C. Paugh II, D.O.
Rebecca S. Perry, D.O.
Dallas E. Petrey, D.O.
Donald N. Pyle II, D.O.
Curt Rosner
Francis Saldanha, M.D.
Steven Sarver
Deborah Schmidt, D.O.
Steven R. Sheppard, D.O.
Victoria L. Shuman, D.O.
Jay A. Singleton, D.O.
Linda S. Smith, M.D.
Julia K. Spradlin, D.O.
Maria N. Tranto, D.O.
Phillip R. Triplett Jr., D.O.
Leah M. Triplett, D.O.
Sue J. Volarich, D.O.
Mark H. Waddell, D.O.
Mancel W. Wakham, D.O.
Ohio Valley Medical Center

UP TO $499
Ali Aburahma, M.D.
Dan C. Breece, D.O.
Kristina F. Brown, D.O.
Leslie K. Buchanan, D.O.
Michael Burton
Lorraine R. Byrd, D.O.
Connie L. Calvert, D.O.
Richard A. Capito, M.D.
John Carvalho
Aaron Chantrill
Ronald D. Chattin, D.O.
Benjamin D. Chopski, D.O.
Shawn G. Clark, D.O.
Michael J. Coyle, D.O.
Cerisia A. Cummings, D.O.
Roderick H. Doss, D.O.
Abigail R. Doss, D.O.
Lynn and George Ebbert
James and Elaine Endicott
Kathy Fry
Abdi and Manijeh Ghodsi
Lynette M. Gogol, D.O.
Jim Graeca
Jessica L. Harvey, D.O.
Mary C. Hendricks, D.O.
Bradley B. Hendricks, D.O.
Taylor Hockman
John D. Johnson III, D.O.
Maria F. Khan, D.O.
Natalie R. King, D.O.
Carolyn Komar, Ph.D.
George T. Moses, D.O.
Ray and Linda Pittman
Michael C. Pyles, D.O.
Karen A. Montgomery-Reagan, D.O.
Gilbert C. Rice III, D.O.
Thomas A. Richardson, D.O.
Brahma Sharma, M.D.
Christopher and Martha Simpson
Rodney and Emily Stacy
Johnny M. Watts, D.O.
Brandon H. Webb, D.O.
Eric Weidert
David J. Whitmore, D.O.
James H. Wright, D.O.
Samuel Yates
Sherri A. Young, D.O.
Jefferies, LLC
FINANCIAL OVERVIEW

The following is a summary of WVSOM’s financial strength as of June 30, 2016.

SOURCES OF REVENUE

- **75.4%** Student tuition and fees
- **16.9%** State appropriations
- **7.7%** Other
- **1%** Auxiliary revenue
- **5.06%** Contracts and grants
- **1.64%** Misc.

OPERATING EXPENSES

- **62.28%** Salaries, wages and benefits
- **26.65%** Supplies and other services
- **11.14%** Other

Total operating expenses for fiscal year 2016 increased by approximately $168,000.

The salaries, wages and employee benefits category increased by $209,027. Classified staff continued to be fully funded on the Mercer Schedule.

ADDITIONAL DONATIONS

$646,974
TOTAL DONATIONS AND FUNDING

<table>
<thead>
<tr>
<th>DONATIONS</th>
<th>FUNDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,000,000</td>
<td>$100K WV State Legislature for WVSOM Healthy Children’s Initiative</td>
</tr>
<tr>
<td>$1,500,000</td>
<td>$118,027 South Eastern Area Health Education Center</td>
</tr>
<tr>
<td>$500,000</td>
<td>$25K BrickStreet Foundation</td>
</tr>
<tr>
<td>$250,000</td>
<td>$60K Greenbrier Classic</td>
</tr>
<tr>
<td>$100,000</td>
<td>$30K Highmark Blue Cross Blue Shield</td>
</tr>
<tr>
<td>$50,000</td>
<td>$30K Charleston Area Medical Center</td>
</tr>
<tr>
<td>$25K</td>
<td>$11,850 5 for 5 Campaign</td>
</tr>
<tr>
<td></td>
<td>$272,097 Capital Campaign</td>
</tr>
</tbody>
</table>
### STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

*Year ended June 30 • (in thousands of dollars)*

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
<th>2015</th>
<th>2014</th>
<th>Cumulative effect of adoption of accounting principle</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Revenues</strong></td>
<td>35,400</td>
<td>34,428</td>
<td>34,644</td>
<td></td>
</tr>
<tr>
<td><strong>Operating Expenses</strong></td>
<td>38,635</td>
<td>38,466</td>
<td>37,128</td>
<td></td>
</tr>
<tr>
<td><strong>Operating Income</strong></td>
<td>(3,235)</td>
<td>(4,038)</td>
<td>(2,484)</td>
<td></td>
</tr>
<tr>
<td><strong>Non-operating Revenues - Net</strong></td>
<td>7,226</td>
<td>8,458</td>
<td>8,058</td>
<td></td>
</tr>
<tr>
<td><strong>Increase in Net Assets</strong></td>
<td>3,991</td>
<td>4,420</td>
<td>5,574</td>
<td></td>
</tr>
<tr>
<td><strong>Net Assets</strong></td>
<td>123,594</td>
<td>119,174</td>
<td>113,600</td>
<td></td>
</tr>
<tr>
<td><strong>Net Assets, End of the Year</strong></td>
<td>127,585</td>
<td>123,594</td>
<td>119,174</td>
<td></td>
</tr>
</tbody>
</table>

As the data shows, WVSOM’s financial position improved during this period. Total assets grew from $137M to $142M over the previous year, while total liabilities increased by $646K, resulting in a $4M increase in net assets.

The ratio of current assets to current liabilities decreased for fiscal year 2016 to 11.35:1 from its 2015 ratio of 14.6:1 due to construction activities.

### GROWTH OF THE NET ASSETS DURING THE LAST THREE YEARS

*Year ended June 30 • (in thousands of dollars)*

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assets</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current assets</td>
<td>61,969</td>
<td>68,127</td>
<td>75,089</td>
</tr>
<tr>
<td>Capital assets</td>
<td>79,572</td>
<td>69,014</td>
<td>57,047</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td>141,541</td>
<td>137,141</td>
<td>132,136</td>
</tr>
<tr>
<td><strong>Liabilities</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current liabilities</td>
<td>4,943</td>
<td>4,759</td>
<td>4,271</td>
</tr>
<tr>
<td>Non-current liabilities</td>
<td>9,013</td>
<td>8,788</td>
<td>8,691</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>13,956</td>
<td>13,547</td>
<td>12,962</td>
</tr>
<tr>
<td><strong>Net Assets</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Invested in capital assets</td>
<td>79,572</td>
<td>69,014</td>
<td>57,047</td>
</tr>
<tr>
<td>Restricted - expendable</td>
<td>10,298</td>
<td>9,170</td>
<td>8,465</td>
</tr>
<tr>
<td>Restricted - nonexpendable</td>
<td>37,715</td>
<td>45,410</td>
<td>53,625</td>
</tr>
<tr>
<td>Unrestricted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Net Assets</strong></td>
<td>127,585</td>
<td>123,594</td>
<td>119,174</td>
</tr>
</tbody>
</table>
GET TO KNOW
OUR LEADERSHIP TEAM

MICHAEL D. ADELMAN, D.O., D.P.M., J.D.
President

LARRY WARE, M.B.A., C.P.A.
Vice President for Finance and Facilities

CRAIG BOISVERT, D.O., FACOFP
Vice President for Academic Affairs and Dean

JAMES W. NEMITZ, PH.D.
Vice President for Administration and External Relations

JEFFREY M. SHAWVER, J.D.
Vice President for Legal and Governmental Affairs and General Counsel

LESLIE W. BICKSLER, MSW
Associate Vice President of Human Resources

MARILEA BUTCHER
Associate Vice President for Administrative Affairs

CHERYL BAKER
Executive Administrative Assistant

MARIETTA D. CHANEY
Events Coordinator

AMY F. GOETZ
Director of Marketing and Public Relations
OUR CURRENT BOARD OF GOVERNORS

Board of Governors members are appointed by the governor of West Virginia and bring to the table their expertise in their career field. WVSOM is honored to have them serve in this capacity.

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Charles Davis, D.O., Vice Chair
Cheryl D. Schreiber, Secretary
Gregory A. Burton
J. Fred Earley II
Robert Holstein, D.O.
John Manchin II, D.O.
David L. Ramsey
Randall L. Short, D.O.
John Garlitz, D.O., Faculty Representative
Charity Richmond, Classified Staff Representative
Ahmed Hassabelnaby, OMS III, Student Representative