


Digest

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Digest of the Philadelphia College of Osteopathic Medicine (Fall 1993)

Philadelphia College of Osteopathic Medicine

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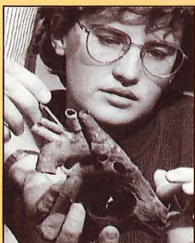
Digest

DOCTORS FROM DAY ONE

Learning more than lectures and labs

First-year students make the connection between classroom studies and their futures as practicing physicians.

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**Primary care and
plastination topics
for recent grants**

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**First Golf Outing...
A Classic!**

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Andrea Prats, PCOM '97

PCOM's mission: Nation's priority

Early this fall, President Clinton delivered his long-awaited proposal for health care reform to the nation, and the news for PCOM graduates past, present and future is truly something to celebrate. In addition, it positions the college solidly in the forefront of American medical education. The plan, the result of eight long months of analysis under the First Lady's supervision, sees an increased role for primary care physicians as pivotal in the restructuring of the nation's health care system. At the same time, there is expected to be a decreased demand for medical specialists. Fortunately, educating primary care physicians is a major area of expertise for PCOM, and has been for the entire 93 years of our existence as a medical college.

Because PCOM is so successful at training primary care physicians, we graduate more primary care physicians than any other medical college, osteopathic or allopathic, in the country. We not only have the eighth highest enrollment for medical schools in America, but approximately 60 percent of our graduates are primary care physicians, compared to 20 percent for most allopathic schools. The fact that we have always put such a strong emphasis on primary care as the cornerstone of good medical care will

hold us in good stead in the years to come.

Every allopathic institution in the country would like to duplicate our expertise and our numbers in this area, and we have good reason to be proud of that fact.

Osteopathic medicine is all encompassing. Therefore, we must not lose sight of our on-going commitment to offer all career opportunities to our graduates. We will continue to build on our professional image through the maintenance of quality graduate medical education programs, not only in primary care, but in all specialties. PCOM already offers a rich mix of graduate medical education programs to complement our strong primary care program, which is precisely what President Clinton is calling for in his plan for health care reform, and what allopathic institutions are striving to achieve.

In keeping with these goals, we will continue to upgrade our curriculum and our faculty, and we are making plans for major capital improvements to enhance our efforts in all areas. We are convinced that in the years to come, everyone in the PCOM family will have good reason to be proud of our institution.




Leonard H. Finkelstein, DO, '59, PCOM president, right, and Mario Lanni, left, accept a National Osteopathic Medicine Week proclamation from Philadelphia Mayor Edward G. Rendell.



PCOM Digest

FALL • 1993

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Letters, send some letters.

The editors of PCOM Digest are interested in your opinion of the content and presentation of articles in this publication. Please send your comments on specific articles and suggestions about future articles to: Editor, PCOM Digest, 4180 City Ave., Third Floor - Moss House, Philadelphia, Pa. 19131. Letters selected for publication may be edited for clarity and length.

Renovations and innovations highlight beginning of academic year

As President Clinton was putting the finishing touches on his health care reform proposal, PCOM enrolled its largest class ever and made some finishing touches of its own both in the physical structure and in the first-year curriculum.

Classroom Renovations

In order to accommodate a larger freshman class, which over the past two years has grown from 225 to 235 students, the seating in the first-year amphitheater was enlarged to 235 during the summer. Extensive audio-visual and teaching technology improvements were also added as part of a three-phase project which will be completed next summer with similar expansion and improvements to the second-year lecture hall (Room 138).

“Our motivation is to further enhance our leadership position in primary care,” said Leonard H. Finkelstein, DO, ’59, PCOM president. “In terms of both sheer numbers and percentages, we graduate more primary care physicians than any other medical school in the United States. With our widely expanding pool of quali-

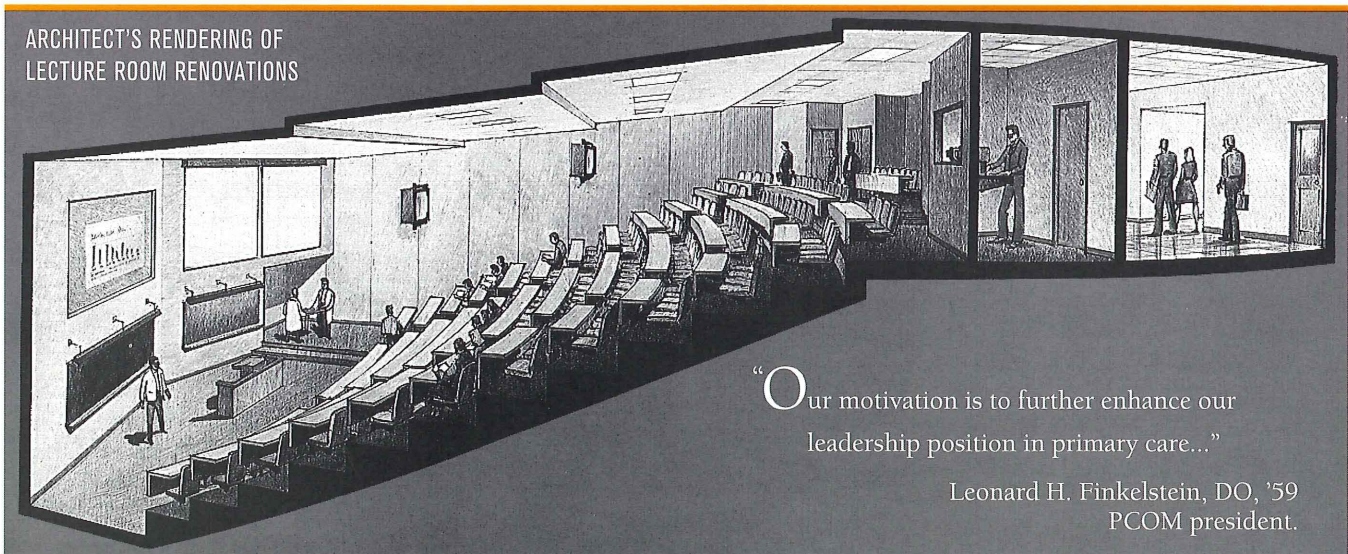
fied applicants, we felt it would be of great benefit to the college and our students to be able to admit and train more osteopathic physicians. To do so we must upgrade our facilities as well as our educational product.”

The limiting factor, until this fall, had been the size of the first- and second-year lecture halls. The renovation of Room 153 (the first-year lecture hall), which when completed will cost approximately \$375,000, was made possible by a generous pledge of \$1 million by Harry Ginsburg, DO, ’42, and his wife, Sylvia, through the RKC Foundation, which Ginsburg established in 1978, to honor and perpetuate his mother’s memory. The refurbished and remodeled classroom will be named the Rose K. Ginsburg Amphitheater. Additional funds from this pledge will be used to finance other projects yet to be named.

Phase one improvements included removing the unused rear projection booth in order to add another seating platform and 15 new seats, enlarging the rear projection screen opening in preparation for Phase 2 installation of rear projection equipment and replacing seven outdated video monitors with new state-of-the-art models.

The front of the room was upgraded to provide a more effective teaching space. “The lecture halls, which like the rest of Evans Hall, opened in 1973, were never designed for 1993’s state-of-the-art teaching technologies,” said Robert G. Cuzzolino, EdD, PCOM’s associate dean for academic administration. “A major part of the adaptations are designed to address these new technologies, particularly computer and video, and new projection systems.” Included are a clinical demonstration area and, to be installed dur-

ARCHITECT’S RENDERING OF LECTURE ROOM RENOVATIONS



“Our motivation is to further enhance our leadership position in primary care...”

Leonard H. Finkelstein, DO, ’59
PCOM president.



First-year students Lauri Ann Spraga, left, and Maria Somerset, top right, "shadow" Katherine Galluzzi, DO, professor and chairman of geriatrics, as part of the "Care for the Elderly" program, designed to introduce students to aging issues.

ing the winter term class break, a new "super podium" from which the lecturer can control various educational media.

Among the podium's features are: the ability to project VHS, videodisc, slide and overhead transparencies; a video-pointer system that allows lecturers to illustrate points on slides while facing the class; a computer work station and videodisc player that provides instant access to vast collections of medical images on laserdisc for presentation on the hall video monitors and large screen rear projection; new wireless microphones and audio controls.

Other improvements will include a new multi-media rear projection system which features a screen enlarged to 12 feet x 8 feet and three-tube high output GE video projector.

Additional construction work, including the expansion of the second-year lecture hall, will be scheduled for next summer.

Animal colony upgrade

Other physical improvements include upgrading PCOM's animal colony to bring it up-to-date with current U.S. Department of Agriculture standards. This summer's \$72,000 renovation was funded by a \$55,000 U.S. Public Health Service grant with PCOM paying the balance. Improvements include an increase in animal rooms from three to five in order to

handle more different species, a new epoxy tile floor, new wall and ceiling coatings that are resistant to detergents and antiseptics and new lighting fixtures throughout the facility.

"The renovations will enable us to continue to compete for federal research grants," said Henry Hitner, PhD, director of the animal facility and chairman of the Institutional Animal Care and Utilization Committee.

Curriculum enhancements

Building on a 1991 PCOM medical curriculum white paper, this past February the Curriculum Committee adopted the following recommendation from the Primary Care Task Force (comprised of the medical directors of PCOM health care centers and chaired by Eugene Mochan, DO, '77, PhD, assistant dean for primary care): "The major emphasis of our curriculum in all years should be directed toward the training of generalists and [the characteristics of the generalist] should serve as a guiding force for driving the development of a curriculum."

"We feel the best training for physicians, even those who ultimately pursue specialties or subspecialties, is a comprehensive generalist medical education which integrates the basic and clinical sciences," said Richard Kriebel, PhD, chairman of the Curriculum Committee and assistant dean for basic sciences. Accordingly, PCOM

is focused on innovations in primary care education with the ultimate goal of 70 percent of its graduates entering primary care (currently 60 percent).

First-year curriculum: Doctors from Day One

To reach this goal and to make the course material more clinically-relevant, a number of changes in the first-year curriculum have been implemented. "It is often difficult for first-year students to understand how classroom work has anything to do with sitting in an office listening to someone complain about a backache or bellyache," said Robert Berger, DO, '58, associate dean for undergraduate medical education.

To make that link more concrete, the following changes have been incorporated into the first-year curriculum:

- **Observations or "shadowing" at health care centers.**

Each trimester first-year students will spend one afternoon as observers at one of the college's four urban health care centers. They will take notes on each patient they observe and then will discuss the cases with an attending physician at the end of the day. "The college wants to foster more interest in primary care," said Berger. "This experience will introduce them to the scope and excitement of a primary care practice, where you treat a wide variety of disorders and a wide variety of people as well."

- **Expansion of the "Care for the Elderly" program.**

Once during their first year, students in groups of two to four will be introduced to communication issues important to caring for elderly patients, such as the implications of hearing and visual impairments. The students will then accompany an attending physician during office rounds, at PCOM's geriatrics clinic or area nursing homes. Second-year students will also participate in

these encounters.

“The goal of this program is to introduce medical students to the fact that many elderly people are vital, contributing members of their communities, that they have uniquely complex and fascinating medical histories and, therefore, are a challenging and rewarding group to treat,” said Katherine Galluzzi, DO, professor and chairman of geriatrics. “Despite the fact that persons 65 years of age and older are the fastest growing population segment in the United States, the earliest encounter with aged individuals for most medical students is in the third or fourth year. This encounter is usually in a hospital setting in which patients are extremely frail, often very ill and in need of intensive medical management.”

In addition to this expanded program, the intensive lecture series on geriatric medicine has been increased from eight to 10 lectures.

• **Expansion of the standardized patient program.**

As part of the college’s effort to introduce clinical medicine as early as possible, the number of standardized patient encounters for both first- and second-year students has been doubled from one to two encounters each year. In addition, instead of using medical students or house staff, the “patient actors” will be professional actors trained by Jeffrey S. Freeman, DO, PCOM’s professor and chairman of endocrinology and metabolism, and Antony M. Errichetti, PhD, a psychologist.

“The simulations emphasize two facets of the practice of medicine: the student’s actual knowledge base and his or her communication skills with the patient,” said Berger.

For first-year students, the patients will give a scenario and students will then be asked related questions based on their basic science course work. For example, if a patient has pain in the lower right quadrant, the students would be asked what organs could be involved based upon their anatomical studies. If they are studying biochemistry, they might be asked what biochemical changes could cause the

History of Standardized Patient Program at PCOM

Late 1980s

In order to prepare second-year students for upcoming student clinical rotations, a standardized patient program begins at PCOM. The new program involves one encounter per student with fourth-year students and residents serving as patient actors.

NOVEMBER 1990

PCOM conducts a standardized patient program pilot study. Using a model provided by the Medical College of Pennsylvania, the pilot study concentrates on the skills of history-taking, physical examination and doctor-patient communication. Sixteen randomly selected fourth-year students participate in the study to evaluate the actual process and possible applications a standardized patient program could have in the PCOM curriculum.

1991

Standardized patient program continues for second-year students, using fourth-year students as patient actors. Students participate in one encounter per year.

1991-1992

First-year students are added to PCOM’s standardized patient program.

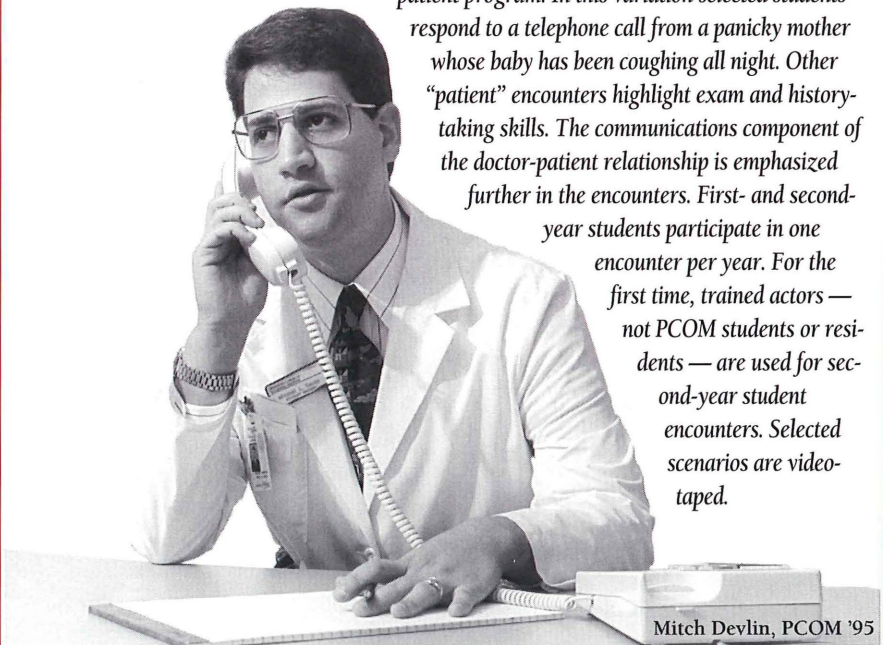
ACADEMIC YEAR

First- and second-year students participate in one encounter per year, using fourth-year students as patient actors.

SPRING 1993

The telephone scenario is added to the second-year students standardized patient program. In this variation selected students respond to a telephone call from a panicky mother whose baby has been coughing all night. Other “patient” encounters highlight exam and history-taking skills. The communications component of the doctor-patient relationship is emphasized further in the encounters. First- and second-

year students participate in one encounter per year. For the first time, trained actors — not PCOM students or residents — are used for second-year student encounters. Selected scenarios are videotaped.



Mitch Devlin, PCOM '95

1993-94

ACADEMIC YEAR

Both first- and second-year students participate in two standardized patient encounters per year. The first-year student encounter correlates with basic science studies while the second-year encounter is geared toward clinical disease. Trained actors are used for all encounters — for both first- and second-year students. Again communications skills are emphasized throughout all scenarios. Encounters are videotaped for student instructional purposes. In further support of the standardized patient program, PCOM approves plans for a dedicated clinical learning lab.

kind of complaints the patient has.

In the second year, the scenarios will be more clinically oriented. Student feedback includes a questionnaire completed by the “patient” to determine if the student asked the right questions and conducted a proper examination. (See feature on previous page for detailed history.) In further support of this program, the college is refurbishing office space in Rowland Hall for use as a dedicated clinical learning lab.

- **A new integrated teaching approach for anatomy, physical examination and osteopathic principals and practice.**

Although the subjects are not taught jointly, their presentations are coordinated. For example, if the gross anatomy course is covering the head and neck, the physical examination course is covering eyes, ears, nose and throat. A review of back anatomy coincides with an osteopathic principals and practice lecture on scoliosis, or abnormal symmetry of the spine.

- **A new integrated teaching approach for biochemistry and molecular biology.**

“How the basic sciences are used in the every day treatment of patients isn’t very clear to students because it generally is not integrated very well,” said Mochan.

The biochemistry and molecular biology course first-year students take during their second trimester is now being presented as the “Molecular and Cellular Basis of Medicine.” Cell biology, biochemistry, immunology, human nutrition and medical genetics have been integrated with related primary care clinical issues. The three-part approach includes: core information lectures; small group conferences, in which students apply lecture information and methods of problem-solving to 50 case studies of disorders primary care physicians frequently encounter; and clinical correlations, in which students interview patients from the health care centers and learn how molecular biological sciences play a significant role in the management of the patients.

PCOM launches graduate biomedical sciences program

“If you would only give me a chance, I know I could prove myself.”

Each year the admissions committees of medical and other health professions schools invariably hear such a lament from students who find themselves on the wrong side of the so-called “bubble.” To help these students improve their chances of being admitted into a professional school, this fall PCOM launched a graduate program in biomedical sciences.

“This is a great opportunity for them to prove themselves if they do well,” said Domenic DeBias, PhD, assistant dean for special training programs, who will oversee the program. “The program will also give the students a better idea of the rigors of professional school studies.”

The two-year evening program leads to a master of science degree in biomedical sciences. However, it is expected that many students will apply to medical or other profession schools following the end of the first year of the program, after demonstrating their ability to handle basic medical science course work.

“For years we have referred students who needed additional preparation for admission to PCOM to other institutions and universities in order to reinforce their academic record and make them more competitive,” said Robert G. Cuzzolino, EdD, PCOM’s associate dean for academic administration, who spearheaded the plan to start the new program. “After looking at the capabilities of our faculty, we felt we could fill this specific need ourselves.”

After the program got the stamp of approval from the Pennsylvania Department of Education this spring, PCOM drew an over-

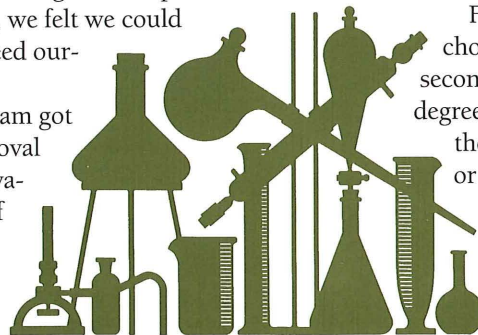
whelming response from prospective students. The premier class has 35 students (drawn from an applicant pool of 55). “Some have minimal undergraduate science credits, others for whatever reason are looking for the best preparation and activity they can pursue prior to going on to medical, dental, optometry, podiatry or veterinary professional degrees,” said Cuzzolino.

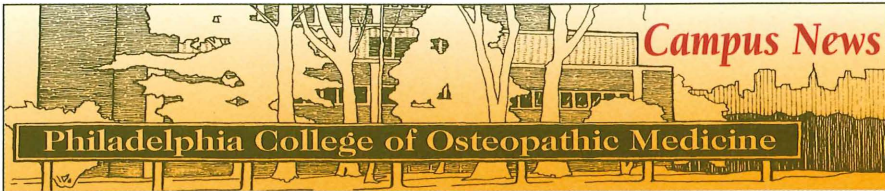
The program is ideal for Sheila Hockman, 31, a mother of two from Perkasi, Pa., who received a bachelor’s degree in biology from Gwynedd-Mercy College last spring. “It’s good for a non-traditional student like me,” said Hockman, who is pursuing a career in medicine. “It gives me an opportunity to prove I have the academic wherewithal to survive in medical school. It’s like taking a test drive, both for myself and the admissions committees.”

A former science teacher at the Princeton Day School, Tom Drake, 27, of Haverford, Pa., agreed. “I’m sure it will enhance my credentials and should I get into medical school, I’ll be much better prepared.”

The first-year courses, similar in many respects to the first year of medical school, include medical biochemistry, molecular biology, human anatomy, immunology, physiology and pharmacology. The second-year curriculum includes neurosciences, introduction to psychiatry, pathology, clinical skills, medical informatics, medical humanities and four electives, including two in research, and a written project.

For those who do choose to pursue the second year, the master’s degree could lead to further graduate study or biomedical careers and research.





Letters to the Editor

EDITOR'S NOTE: Many thanks for the letters we have received on our "DO/MBA" article. It was especially nice to hear from Joseph A. Dieterle, DO, '70, who was PCOM's dean during the pivotal stages of the program's inception. Keep those letters coming!



New full-time faculty appointed

PCOM has added five full-time members to its faculty this academic year. Joining the faculty as instructors in family medicine are Michael A. Becker, DO, Robert Finkelstein, DO, and Patrice Taylor, DO. Hollace D. Leppert, DO, is an instructor in internal medicine and Frederick J. Goldstein, PhD, rounds out the faculty appointments as professor of pharmacology.

Michael A. Becker, DO

Prior to his appointment at the college, Becker was a family physician at the Upper Chesapeake Medical Service, Havre de Grace, Md.



Becker graduated from PCOM in 1987, and was awarded POMA's "Outstanding Student of the Year Award" at commencement. He interned at Metropolitan Hospital - Parkview Division, where he received the "Intern of the Year Award" in 1988. He completed an OB/GYN residency at PCOM in 1989 and a general practice residency at Suburban General Hospital in 1991.

Robert Finkelstein, DO

In addition to his teaching appointment, Finkelstein is serving as an attending physician at PCOM's Lancaster Avenue Health Care Center and a physician for PCOM's Student Health Services. A 1990 PCOM graduate, Finkelstein interned at University of Medicine and Dentistry of New Jersey/ Kennedy Hospitals, and completed a family practice residency at PCOM in 1993.



Patrice Taylor, DO

In addition to her teaching appointment, Taylor is serving as an attending physician at PCOM's Cambria Health



Care Center. A 1990 PCOM graduate, Taylor interned at PCOM and completed a family practice residency here in 1993.

Hollace Leppert, DO

Leppert is a 1989 PCOM graduate and is on staff at Graduate Health System, Parkview Hospital.



She interned at Saint Joseph's Hospital, where she received the "Chief Intern Award" and "Intern of the Year" in 1990. Leppert completed an internal medicine residency at Hospital of Philadelphia College of Osteopathic Medicine, Parkview Division, in 1993, during which she received the "Internal Medicine Resident of the Year Award" in 1991 and 1992.

Frederick J. Goldstein, PhD

Prior to his appointment at PCOM, Goldstein served as professor of pharmacology and toxicology at Philadelphia College of Pharmacy and Science.



He is a clinical research associate in the department of anesthesia at Cooper Hospital/University Medical Center, Camden, N.J. Goldstein earned his doctorate in pharmacology in 1968 from PCPS.

Former dean remembers DO/MBA program well

I read with great interest and pride the lead article in the Summer 1993 Digest, "DO/MBA Program: Higher Degrees of Health Care." I'm pleased with the success of the program that the Dean's Office worked so diligently to bring to fruition during my tenure.

I can recall the "behind the scenes" discussion between Father Rashford, president of Saint Joseph's University, and myself in regard to the merits of such a program.

It was the brainchild of the Dean's Office to provide our students with the opportunity to better oversee their practices and to provide them with information to make "informed" decisions in this era of managed health care. We also hoped that the innovative five-year degree programs would make PCOM more attractive to higher echelon undergraduates, who were moving away from medicine in the early and mid '80s. It looks like it worked, our applications are the highest ever!

— Joseph A. Dieterle, DO, '70
PCOM Dean 1985 to 1989

Second generation DO to be DO/MBA or DO/MPH

I have just read the Summer issue of Digest – cover-to-cover. I read, with considerable interest, the article on the DO/ MBA degree program. My son, Ronald, just matriculated at PCOM in the Class of 1997 or possibly the Class of 1998 since he is considering either the MPH or MBA program.

It was also interesting to see many names I know, both past and present. I was especially glad to see Nance Lovelace featured in the commencement coverage as she did her ER rotation with me.

— Ronald J. Ellis, DO, '73
Director, Emergency Services,
Riverside Hospital, Wilm., Del.

Jill Thinschmidt, PCOM '95: Future G.P. almost Miss N.J.

You might say pageants are in Jill Thinschmidt's blood. Thinschmidt is a third-year PCOM student who in July was named first runner up for Miss New Jersey — the state pageant that sends its winner to compete in the Miss America pageant.

Thinschmidt, who grew up in Northfield, N.J., just a few miles outside of Atlantic City, where pageants are a way of life, entered the competition after being crowned Miss Atlantic County in January — a title her mother competed for in 1956.

"Ever since I can remember, my family has been going to Atlantic City for the Miss America parade. The parade was always my favorite part, and for a time I remember thinking, 'that could be me,'" Thinschmidt said. "It was only when I found out the pageants were a good way to get scholarships that I started competing."

So far, Thinschmidt has received \$7,000 in scholarships for medical school through her participation in local pageants. "A lot of people at school laugh, but this is money I don't have to pay back," she said. (The Miss America Pageant is the country's largest supplier of college scholarships for young women).

Although the scholarships provided the initial motivation for competing, Thinschmidt says she's had a lot of fun participating in the pageants and that they've given her a renewed sense of confidence that she can apply to her medical career. "There's an interview component to the pageants,



Jill Thinschmidt plays the marimba during the talent portion of the Miss Jersey Beauty Pageant.

where the judges are firing questions at you. It's pretty grueling, and you have to maintain your composure. As a doctor, you have to do interviews all your life."

To participate in the pageants, Thinschmidt had to balance medical school with music lessons back in Atlantic City — she plays the marimba — as well as attend practices and stay in shape physically. "Many of the girls who competed were really driven and prepared. I didn't have that luxury, because I had to study for exams and the boards," she said. "I was surprised that I actually did that well." Thinschmidt was the only medical student to participate in the pageant.

Although Thinschmidt would like to give the pageant another try, new age regulations disqualify her from competing again. "I'd love to go back and compete again," she said. "There's some talk about the rules changing back; I've written letters and all I can do now is cross my fingers."

Alumni Association awards Certificate of Merit

PCOM's Alumni Association recently honored four of its alumni by presenting them with a Certificate of Merit, recognizing contributions to osteopathic medicine and service to the community and public health of the country. The honored physicians are:

David D. Goldberg, DO, '71

Goldberg, a general practitioner in Dayton, Ohio, was recently elected president of the Ohio Osteopathic Association. In addition to this honor, he was appointed Master Clinical Faculty by the Ohio University College of Osteopathic Medicine.

Goldberg is senior vice president of medical affairs at Grandview/Southview Hospitals, Dayton.

Alexander E. Rodi, DO, '58

Rodi, a general practitioner in Ham-

mon, N.J., was recently named "Physician of the Year" for 1993 by the New Jersey Osteopathic Association of Physicians and Surgeons.

He is a member of PCOM's board of trustees, a board of director for the college's Alumni Association and a former Alumni Association president.

Rodi has held numerous positions at the New Jersey Association of Osteopathic Physicians and Surgeons, including president, vice president and secretary.

Gerald Robbins, DO, '71

Robbins, a neurologist in Garden City, Mich., was recently elected president of the Michigan Association of Osteopathic Physicians and Surgeons.

He has been a board member at MAOP&S for the past five years. Robbins is also past president of the American College of Neuropsychia-

trists, past president of the Wayne County Osteopathic Association and co-founder of the Michigan Council of Osteopathic Physicians.

He is an associate professor at Michigan State University College of Osteopathic Medicine.

Dana Shaffer, DO, '85

Shaffer, a general practitioner in Exira, Iowa, was recently elected president of the Iowa Osteopathic Medical Association.

He has served as vice president and board of trustee member at IOMA as well as serving on many of its committees, including the membership, legislative and public relations committees. Shaffer is also immediate past president of the Iowa Chapter of the American College of General Practitioners.

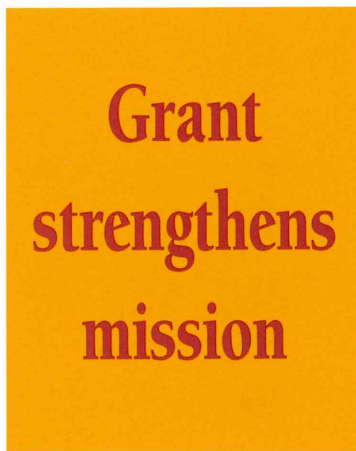
The Pennsylvania Department of Health recently awarded PCOM a one-year planning grant to produce strategies to increase the number of primary care physicians.

"We're very excited to be a recipient of this grant," said Kenneth J. Veit, DO, '76, MBA, PCOM dean. "Since PCOM has a long history of training generalist physicians, we have been working on this issue all along, but this grant will enhance our energies and give us additional resources to strengthen our mission."

The grant, called the State Generalists Physician Initiative, officially began Aug. 1, 1993. Through the grant the college will add to its existing incentive programs to increase the number of its graduates that pursue careers in primary care. From the 1993 graduating class, 52 percent of the class selected primary care. PCOM's goal is to bring that number up to 70 percent.

Strategies to accomplish this goal include making changes in the curriculum, in both content and approach, to introduce students to clinical experiences earlier and to emphasize primary care clinical problem-solving during the basic science courses. (See story on page 3.)

"Traditionally students in their first two years of medical school have little or no patient contact. By the time our students are in their third year, they'll be prepared for seeing patients on a daily basis," said Eugene Mochan, DO, '77, PhD, assistant dean for primary care education, professor of family medicine and professor and chairman of biochemistry.



Other curriculum changes effecting first-year students include placing an emphasis on small group conferences in the basic sciences rather than on the larger, more traditional lectures. "Students will still be going to lectures, but now those lectures will have an emphasis on providing core material directed at problem-based learning," said Mochan.

Other primary care incentive strategies have students complete rotations in underserved or rural areas in their third, rather than fourth, year of school. By implementing

these and other strategies throughout PCOM's four-year curriculum, students can see first hand the wide range of opportunities and challenges primary care offers.

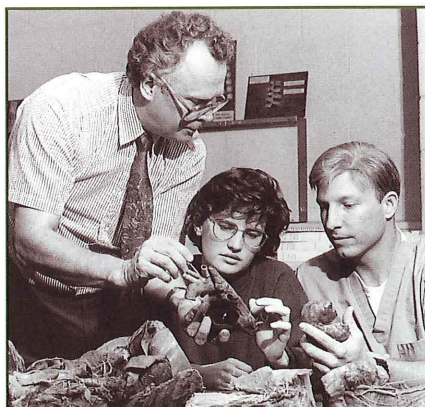
PCOM is also working with federal, state and local agencies to provide scholarships and other financial support to students interested in primary care. To further promote primary care, the college, with the help of John D. Angeloni, DO, '75, professor and chairman of family practice and president-elect of the American College of Osteopathic Family Physicians, recently reactivated its American College of Osteopathic Family Physicians Club.

According to Veit, the generalists initiative complements the Clinton Administration's plans for health care reform while also confirming the importance of the college's mission. "To successfully have a system of care that makes sense, primary care physicians must be trained in greater quantities. Historically, we've done many things right. The rest of the country is now recognizing the merit in our approach."

Plastination at PCOM

Continuing its traditional strength in anatomic sciences, PCOM has established a state-of-the-art gross anatomy teaching center. The key component of the new center is an innovative technique called plastination, which is used to produce dry, durable whole specimens. PCOM is the only medical school in Philadelphia and only one of a handful of medical schools in the nation to use the process.

Funding for the teaching center was provided by a \$24,285 grant from the SmithKline Beecham Foundation's Funds of Osteopathic Colleges in the United States (FOCUS) Program. With the grant monies PCOM purchased deep freezers, vacuum chambers and reagents, enabling the college's anatomy department to do plastination on campus.



From left, Dr. Kvist, Mary McGonigle, PCOM '97, and Spencer Schuenman, PCOM '97, examine newly-plastinated specimens.

"The advantage of this process is that we're able to provide students with permanent, dry, odorless specimens that they can handle and study outside the gross lab," said Tage N. Kvist, PhD, professor and chairman of anatomy, who brought the process to

PCOM. "The specimens from the Angus Gordon Cathie Museum that we were using for teaching purposes were too fragile for students to handle. These new specimens are quite durable."

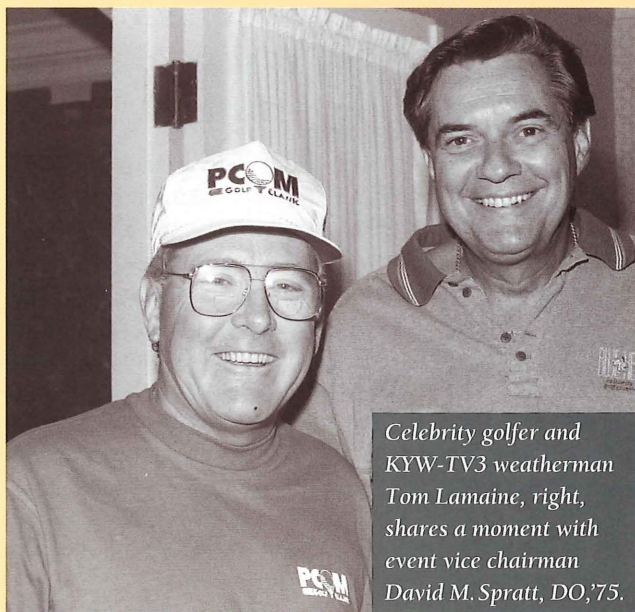
To create plastinated specimens, dissected tissue is rinsed in cold water over several days. Then through a process called dehydration and infiltration, the water in the tissue is first replaced with acetone in a freezer, and then with a silicone solution under vacuum. The entire process takes about two months.

"A practicing physician has to be able to look at tissue in three dimensions," Kvist said. "Cross sectional anatomy has become very important because that's what a physician is looking at in practice, and using to make diagnoses. It has a lot of clinical relevance in that sense."

PCOM's First Golf Outing:



Allen Lumpkin, Philadelphia 76ers equipment manager takes a big swing.



Celebrity golfer and KYW-TV3 weatherman Tom Lamaine, right, shares a moment with event vice chairman David M. Spratt, DO, '75.

More than 135 golfers enjoyed a picture-perfect day of golf and camaraderie as PCOM presented its inaugural Golf Classic on Sept. 20 at Torresdale-Frankford Country Club.

The sold-out event raised approximately \$50,000 for primary care education and community outreach programs. Forty volunteers supported the day's event — and joined in on the fun.

Special thanks for the day's rousing success are extended to the event's corporate sponsors, members of the Steering Committee, led by event chairman Albert D'Alonzo, DO, '56, vice chairmen David M. Spratt, DO, '75, and Robert G. Cuzzolino, EdD, associate dean for academic administration, event coordinator Harriet Stein, Creative Services and the many volunteers who worked the event.

Proceeds from the event are being used to construct a dedicated clinical learning lab in Suite 232 in Rowland Hall. The lab will be the permanent site for the college's standardized patient program for its undergraduate students as well as its residents. Here students and residents will learn clinical and communications skills through sce-

Shag Crawford, left, National League umpire, meets Kenneth J. Veit, DO, '76, MBA, before the Golf Classic begins.

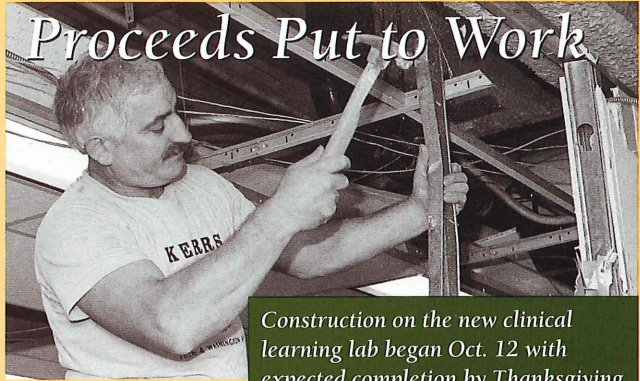


●●● A Classic!

narios with “patient actors” in both a physician’s office setting and a hospital setting.

With one successful golfing outing under its belt, the college is planning the Second Annual PCOM Golf Classic for Monday, Sept. 12 at Manufacturers’ Country Club, Oreland, Pa. Mark your calendar! For more information, call Harriet Stein at (215) 871-2106.

Harry Ginsburg, DO, '42, left, PCOM trustee, and Leonard H. Finkelstein, DO, '59, PCOM president, stop for a photo on the way to the next hole.



Construction on the new clinical learning lab began Oct. 12 with expected completion by Thanksgiving.



The Pedano family strategizes before brunch. Joining Nicholas Pedano, DO, '61, second from left, is his wife Mary “B”, far left, the women’s first place low net winner, and his daughter and son, Monica and Nicholas.

Louis F. DiBacco, DO, '75, and the rest of his foursome do some wishful thinking by an Acura at Hole #17 for the hole-in-one prize. Better luck next year!



JUST Published

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Dennis W. Dobritt, DO, '81: "The Pain Clinic: Its Organization and Application," *Perspectives in Plastic Surgery*, written by Dr. Ian Jackson, Vol. 6, No. 1, 1992, pp. 101-116.

Enrique S. Fernandez, MD, MSED, H. Tad Troutman, PhD, Barbara Herbert, MD, David V. Condoluci, DO, '76: "The HIV-infected house officer: Residency training issues," *Journal of the American Osteopathic Association*, Vol. 93, No. 8, August 1993, pp. 855-862.

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Medical Licensing Exam Step II, Appleton and Lange, Simon and Schuster, February 1993.

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Frank J. Papa, DO, '75, PhD: "Research secures the future of osteopathic medicine: Part I. Research - Foundation for faculty development, institutional recognition," *Journal of the American Osteopathic Association*, Vol. 93, No. 5, May 1993, pp. 606-610.

Richard A. Pascucci, DO, '75: "RX for RA - Aggressive treatment advocated for rheumatoid arthritis patients," *The DO*, Vol. 34, No. 2, February 1993, pp. 88-91.

Peter Schnatz, BA, Charles Steiner, DO, '44: "Tennis elbow: A biomechanical and therapeutic approach," *Journal of the American Osteopathic Association*, Vol. 93, No. 7, July 1993, pp. 778-788.

Peter C. Serpico, DO, '86, Jeffrey S. Freeman, DO, Burton Marks, DO, '62: "Empty sella syndrome associated with partial hypopituitarism (visualized on MRI scan)," *Journal of the American Osteopathic Association*, Vol.

92, No.9, September 1992, pp. 1172-1174.

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Stephen D. Smith, DMD: "Relationship of Cervical Function and TMJ Disorders," *TM Diary, News Journal of the American Academy of Head, Neck and Facial Pain and TMJ Orthopedics*, Vol. 4, No. 2, Fall/Winter 1992, pp. 16-17.

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Ronald I. Weiner, DO, '77, Vladimir Maranhao, MD, Howard B. Levine, DO, Janah Aji, MD, Alan Blaker, MD: "Anomalous inferior vena cava with azygos continuation," *Journal of the American Osteopathic Association*, Vol. 93, No. 7, July 1993, pp. 775-777.

CLASSActs

• 1950 •

Philip F. Fleisher, DO, New York City, N.Y., recently retired as senior dean and provost of New York College of Osteopathic Medicine of New York Institute of Technology to return to private practice. He became a member of the Air Transport Medicine Committee of the Aerospace Medical Association.

• 1951 •

Victor M. Bove, DO, Lancaster, Pa., has become a fellow of the American College of Physician Executives.

• 1958 •

Edward E. James, DO, Coraopolis, Pa., has received PCOM's Meta Christy Award, in honor of PCOM's first minority graduate. It is given annually in recognition of exemplary

practice of osteopathic medicine, service to the community and inspiration to future DOs.

• 1961 •

George O. Faerber, DO, Columbus, Ohio, has been re-elected chairman of the American Osteopathic Board of Radiology.

• 1968 •

Norman Leopold, DO, Wallingford, Pa., was featured in an article published in *Town Talk Newspapers* titled "Local Parkinson's Disease Expert Takes New Approach Toward Improving Patients."

• 1970 •

Joseph A. Dieterle, DO, Phoenixville, Pa., former PCOM dean, director of medical education and professor and chairman of pediatrics, has been re-appointed chairman of the evaluating committee of the American College of Osteopathic Pediatricians. He has also been re-appointed to AOA's Committee on Postdoctoral Training.

• 1971 •

Richard A. Renza, DO, Cape May Court House, N.J., has been named "Physician of the Year" for Cape May County by the Center for Home Health Development, Princeton.

John Yardumian, DO, New Hope, Pa., has been named director of geropsychiatry at Northwestern Institute, Fort Washington.

• 1972 •

Cleanne Cass, DO, Kettering, Ohio, has received the Master Clinical Faculty Award presented by the Ohio University College of Osteopathic Medicine.

Joan M. Watkins, DO, MPH, Tampa, Fla., has been appointed medical director of Occupational Health Service at University Community Hospital.

• 1974 •

Richard La Cavera, DO, Elmer, N.J., has been named "Physician of the Year" for Salem County by the Center for Home Health Development, Princeton.

Edward Sarama, DO, Burr Ridge, Ill., has joined the medical staff at Saint Margaret Mercy Health Centers, South Campus, Dyer.

• 1975 •

Michael Centrella, DO, Golden Valley, Minn., has completed a fellowship on addiction medicine at the University of Minnesota and has become board certified in addiction medicine.

William K. Mysko, DO, Lutherville, Md., has been serving as clinical director of the department of emergency medicine at Johns Hopkins Hospital, Baltimore.

• 1976 •

David V. Condoluci, DO, Moorestown, N.J., has been named "Physician of the Year" for Gloucester County by the Center for Home Health Development, Princeton.

• 1977 •

Sylvia M. Ferretti, DO, Erie, Pa., has been named dean of academic affairs for the Lake Erie College of Osteopathic Medicine.

Norman E. Vinn, DO, Long Beach, Calif., has been elected to the board of directors of the Osteopathic Physicians and Surgeons of California.

• 1978 •

John F. Manfredonia, DO, Tucson, Ariz., has been named president-elect of the Arizona Osteopathic Medical Association.

• 1979 •

David M. Petro, DO, Levittown, Pa., has earned a master of public health degree in occupational medicine from the Medical College of Wisconsin.

• 1980 •

Pat C. DiTommaso, DO, Girard, Ohio, was featured in an article published in *The Vindicator* newspaper titled "Country roads take doctor home."



Thomas M. Bozzuto, DO, '80, right, and his wife Anne Marie, left, pose with Great Britain's Margaret Thatcher. Bozzuto and one of his partners served as Lady Thatcher's honorary personal physicians during her visit to Jacksonville, Fla., in January. Bozzuto practices emergency medicine and is medical director of hyperbaric medicine at Baptist Medical Center.



Kenneth J. Veit, DO, '76, MBA, left, PCOM dean, presents a dedication plaque, which will hang in the newly-completed library conference room, to **James Rasinsky, DO, '91**, class treasurer. The conference room was provided by a donation from the Class of 1991 as well as a gift from the Class of 1990. Also pictured is **Hale T. Peffall, Jr.,** right, executive director of alumni relations and development, who worked with Rasinsky and the dean's office to complete the project.

• 1981 •

Jean-Paul Bonnet, DO, Sparta, N.J., has been named "Physician of the Year" for Sussex County by the Center for Home Health Development, Princeton.

Joseph J. Calabro, DO, Allenhurst, N.J., has been appointed chairman of the department of emergency medicine at Newark Beth Israel Medical Center.

Dennis Kondash, DO, Clarks Summit, Pa., has been appointed clinical director of general practice by the board of directors at Community Medical Center Healthcare System.

Cecelia F. Roman, DO, West Trenton, N.J., has been listed in the 1993 edition of "American Women's Book of Who's Who" in recognition of her achievements in cardiology.

• 1983 •

Daniel F. Battafarano, DO, San Antonio, Texas, has become board certified in rheumatology and has been promoted to lieutenant colonel in the U.S. Army.

Thomas Boyle, DO, Lombard, Ill., has been appointed medical director of the emergency department at Bethany Hospital, West Side Medical Facility, Chicago.

Scott J. Deron, DO, Lancaster, Pa., has been named "1993 Physician of the Year" selected by Lancaster General Hospital's Nurse Practice Council. He has also been appointed director of the Women's Center for Cardiac Education at the hospital.

• 1984 •

Anthony Brown, DO, San Antonio, Texas, has received the Certificate of Accomplishment presented by the American College of Physicians for the San Antonio Internal Medicine Board Review Course.

• 1985 •

Jeffrey M. Bishop, DO, West Palm Beach, Fla., has been appointed chief of staff at Wellington Regional Medical Center.

Carol Holobinko, DO, Bath, N.Y., was named chief of staff at Davenport Memorial and Taylor Memorial hospitals.

David B. Lewis, DO, Bedford, N.H., has become board certified in psychiatry and has been appointed medical director at the New Hampshire Center of Rehabilitation and Sports Medicine. He is also co-medical director of the Spine Center.

Bruce E. Maniet, DO, Bells, Texas, has become board certified in general practice.

Patrick Murphy, DO, Media, Pa., was interviewed on the Channel 29 News, Philadelphia, regarding the rehabilitation of burn victims.

Deborah Popowich, DO, Rochester, N.Y., has become board certified in general practice and has received a teaching award from Highland Hospital's family medicine residency program.

Marc Shapiro, DO, Aventura, Fla., has been appointed chairman of the Utilization Committee at Aventura Hospital.

• 1986 •

Barbara Crothers, DO, Federal Way, Wash., has become a fellow of the American Osteopathic College of Pathologists, Inc.

Christopher Lucasti, DO, Linwood, N.J., has been named "Physician of the Year" for Atlantic County by the Center for Home Health Development, Princeton.

Jonathan Weiss, DO, Phoenixville, Pa., has been board certified in anesthesiology and has joined the faculty at the Robert Wood Johnson School of Medicine.

• 1987 •

D. Todd Detar, DO, Royersford, Pa., wrote an article on National Home Care Week, which appeared in the *Pottstown Mercury*.

Alan D. King, DO, MPH, Milford, Conn., has been named acting medical director at Fairhaven Community Health Center, New Haven.

Scott Naftulin, DO, Bethlehem, Pa., has completed a clinical fellowship in sports medicine and electromyography at Michigan State University. He is currently a psychiatrist at Occupational Health, Lehigh Valley.

Kennedy J. Sbar, DO, Jeffersonville, Pa., wrote an article on quitting smoking, which appeared in the *Pottstown Mercury*.

Steven Scharf, DO, Columbus, Ohio, has been named assistant professor of anesthesia at University of Mississippi Medical Center, Jackson.

Jean Golden-Tevald, DO, Pittstown, N.J., was featured in an article on direct mail, which appeared in the February *DO*.

1988

Stephen P. Anthony, DO, Alamogordo, N.M., has begun a fellowship in hematology and oncology at Dartmouth Medical School.

Gene A. Harris, DO, Middleburg, Fla., has become board certified in general practice.

Maria B. Herrada, DO, Allentown, Pa., has opened a solo practice in psychiatry and is a candidate in training at the Philadelphia Psychoanalytic Institute.

Craig F. Turner, DO, New Kensington, Pa., has begun a cardiology fellowship at West Penn Hospital, Pittsburgh.

Edna K. Williams, DO, '26, dies

PCOM sadly notes the passing of Edna Kennedy Williams, DO, '26, the college's second black female graduate. Williams died Sept. 28, at the age of 97.

Upon graduating from PCOM, Williams operated her medical practice out of her home in Philadelphia and an office in New Jersey. Later in 1938, she moved to Germantown where she continued to practice until her first retirement.

In 1979, while being treated by Germantown physician William King, DO, '62, King coaxed her out of retirement to join him at GEMEDCO Family Medical Center, where she practiced for 10 years.

In 1989, the Student National Medical Association, a national group of minority medical students, and PCOM honored Williams for her continuous

dedication to osteopathic medicine and for being a role model for minority group leaders interested in medical education. The event marked the beginning of the Edna K. Williams, DO, Minority Scholarship Fund at PCOM.



Dr. Williams

She is survived by her daughter Margaret A. Cauthorn. Contributions in memory of Williams can be sent to: Edna K. Williams, DO, Minority Scholarship Fund, Philadelphia College of Osteopathic Medicine, c/o Alumni Relations and Development, 4180 City Avenue, Moss House, Second Floor, Philadelphia, Pa. 19131.

Ronald Goldberg, DO, '59, sports medicine expert, dies

Ronald Goldberg, DO, '59, of Cherry Hill, N.J., a founder of the American



Dr. Goldberg

Osteopathic Academy of Sports Medicine and national treasurer of the Academy of Disability Evaluating Physicians, Inc., died June 24, at the age of 61.

Goldberg was the director of Winslow Sports Medicine Center. He was also on staff at West Jersey Hospital's

Marlton and Berlin divisions and Kennedy Memorial Hospital in Stratford, N.J., and taught at University of Medicine and Dentistry of New Jersey School of Osteopathic Medicine.

Goldberg was a past president of the American College of Osteopathic Family Physicians, which honored his memory and dedication to osteopathic medicine by naming him "Physician of the Year."

He is survived by his wife Carole (Cooperman), two sons, Dr. Stuart, and Scott, a daughter Linda, two grandchildren, a brother and sister.

INMemoriam

Miguel M. Alvarado, DO, '42, PATH, Dayton, Ohio, July 24.

Michael R. Aquila, DO, '53, GP, Westmont, N.J., June 30.

Shirley Barol, DO, '44, GP, Haverstown, Pa., Aug. 6.

Crawford A. Butterworth, DO, '35, RAD, Orlando, Fla., April 14.

Richard G. Diamond, DO, '38, GP, Philadelphia, Pa.

Benjamin Gaynor, DO, '41, Del Ray Beach, Fla., June 19.

James Grimaud, DO, '61, GP, Hugo, Okla.

Edmund B. Orleanski, DO, '61, GP, Bayonne, N.J., July 17.

Irwin J. Lebow, DO, '44, GP, Cheltenham, Pa.

Philip L. Mouer, DO, '51, GP, York, Pa., Sept. 13.

Donald S. Renner, DO, '91, IM, Danielsville, Pa., July 31.

Florence E. Sabino, DO, '39, Baltimore, Md., Aug. 24.

John W. Snoke, DO, '51, GP, Camp Hill, Pa., Feb. 14.

Arthur Troum, DO, '51, GP, Union, N.J., June 20.

PCOM Alumni Directory update verification process underway

By now some of you have spoken to a representative of Harris Publishing Co., Inc. to verify the information which will appear in the new PCOM Alumni Directory. For those of you who have not, be patient, they will get to you.

Much of the information to be verified by telephone will be listed in the directory; specifically, current name, academic data, residence address and telephone number will be included. The directory will list this data by name in alphabetical order and by class year and geographical location in separate sections of the book. Also included will be special messages from PCOM's president and executive director of alumni relations and development as well as photographs and information about the school.

Soon locating fellow alumnae/i will be as easy as turning a page. You may reserve your personal copy when the Harris representative calls you, but don't delay. This will be your only opportunity to order the directory.

Scheduled for release by April 1994, the new directory will sell for \$46.99 for the regular bound edition and \$49.99 for deluxe-bound.



PCOM Digest is printed on recycled paper.

COMING Events

January 21-22, 1994	Founders Day Weekend	Adam's Mark Hotel Philadelphia, Pa.
January 23-30, 1994	Post Founders Day CME	St. Thomas, U.S.V.I.
February 13-17, 1994	Osteopathic Physicians and Surgeons of California Annual Convention	Las Vegas, Nev.
March 3-6, 1994	Florida Osteopathic Medical Association (FOMA) State Convention	Miami, Fla.
March 16-20, 1994	American College of Osteopathic Family Physicians National Convention	Phoenix, Ariz.
March 23-27, 1994	Missouri Association of Osteopathic Physicians and Surgeons, National Osteopathic Health Conference	St. Louis, Mo.
April 14-17, 1994	Eastern Regional Osteopathic Convention	Bally's Atlantic City, N.J.
April 19-23, 1993	Arizona Osteopathic Medical Association Annual Convention	Scottsdale, Ariz.
April 27-30, 1994	Pennsylvania Osteopathic Medical Association Annual Convention	Philadelphia, Pa.

Philadelphia College of Osteopathic Medicine

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