

Synergy

Reorganization Adjustments Intended to Increase Synergy

In a move to strengthen the Eugene Applebaum College of Pharmacy and Health Sciences (EACHPS), Dean Beverly J. Schmoll has made adjustments to the reorganization of 2003, which at that time resulted in nine departments downsizing into four.

Effective this past August, the Occupational and Environmental Health Sciences (OEHS) program was transferred from the Department of Fundamental and Applied Sciences to the Department of Health Care Sciences.

At the same time, two faculty members from the OEHS program were transferred to the Department of Pharmaceutical Sciences. "This places them in a richer basic science-oriented department

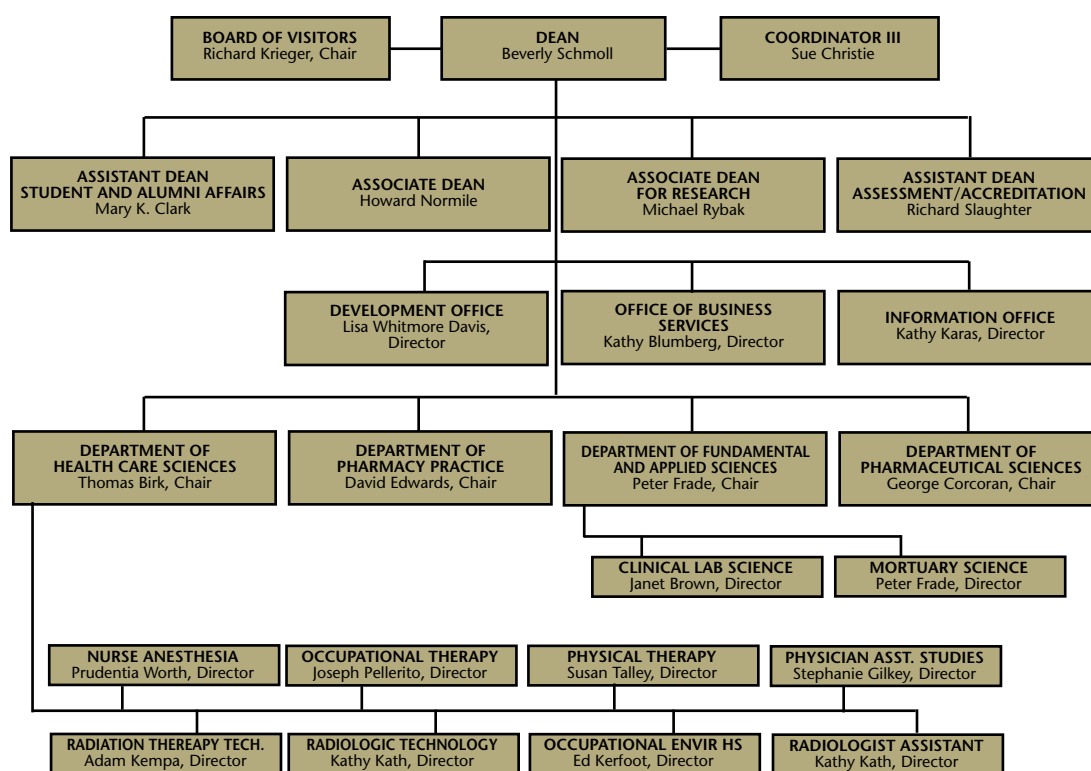
to better support their research," explained Dean Schmoll. "It also bolsters the department which has several pending retirements."

Mortuary Science, Anatomic Pathologists' Assistant, Clinical Laboratory Science and Forensic Investigation now comprise the Department of Fundamental and Applied Sciences.

Clinical Laboratory Science, which was housed in the EACPHS building on Mack Ave., moved to the Mortuary Science building on Woodward Ave. in late December.

"This move enables the department's programs to be located in a single site and to better share their resources," said Dean Schmoll.

In addition, the Dean intends to appoint an associate chair in each



of the Departments of Health Care Sciences and Pharmacy Practice.

Thomas J. Birk, PhD, MPT, chairs the Department of Health Care Sciences, which

continued on page 2 . . .

Department's Programs Concerned with Delivery Aspects of Health Care

Editor's Note: The Eugene Applebaum College of Pharmacy and Health Sciences consists of four departments: Fundamental and Applied Sciences, Health Care Sciences, Pharmacy Practice, and Pharmaceutical Sciences. More than 25 undergraduate, graduate and professional degrees and certificates are offered through 12 academic programs. This issue of Synergy begins a three-part series on the departments.

Under the umbrella of the Department of Health Care Sciences, there are eight programs. All focus on the delivery aspects, direct and indirect, of quality health care to consumers.

Thomas J. Birk, PhD, MPT, has chaired the department for the past three years, guiding and working with the directors of Nurse Anesthesia, Occupational

Therapy, Physical Therapy, Physician Assistant Studies, and more recently with Occupational and Environmental Health Sciences, Radiation Therapy Technology, Radiologic Technology and Radiologist Assistant.

"The programs are unified in their mission to develop, train and educate students into exceptional health

care practitioners. All contribute to the research, urban teaching and service components of Wayne State University's mission, which is supported by the goals of the college," said Dr. Birk.

Easy access to hospitals in the Detroit Medical Center, in addition to clinical sites throughout the metro Detroit area, enables students to implement health care

continued on page 2 . . .



In addition to chairing the Department of Health Care Sciences, Thomas Birk also studies ways in which to maximize mobility and physical performance of people with metabolic neurological and vascular disease.

department's programs continued from page 1 . . .

practices learned in the classroom and get hands-on experience working with a variety of patient problems and diseases.

Learning is facilitated through state-of-the-art technology and equipment. Many of the department's faculty are involved in health care-related research, which includes student assistants. "This involvement allows students to gain a greater appreciation for and experience in health care management and clinical decision-making," Dr. Birk explained.

Department goals for the next five years include achieving 100 percent PhD-trained core faculty with emphasis in research, increasing funding through external research grants, developing efficient/effective evaluation treatment protocols for optimized learning, attracting more tenure-track faculty with prolific research goals, and interesting more clinical faculty as co-investigators in research.

Dr. Birk adds, "Within two years, the department intends to offer a PhD in Rehabilitation Sciences, which will involve most of the programs in the department in terms of cognates or tracks of study that a prospective graduate student could pursue."

There are more than 400 students enrolled in the eight programs within the Department of Health Care Sciences. That's approximately 44 percent of the college's total enrollment. Dr. Birk and the program directors intend to maintain those numbers through the increased quality of curriculum, service and research, attracting the highest caliber of students and making our college more competitive with similar programs in the state and nation.

The EACPHS **Nurse Anesthesia (NA)** program has an illustrious 40-year history. In 1972 it was the first program in the country to offer a baccalaureate degree in Anesthesia. In 1984, the program expanded the baccalaureate into a master's degree, becoming the second

program in the country to offer a Master of Science in Anesthesia for entry into the practice.

In collaboration with Children's Hospital of Michigan, a Post Graduate Certificate in Pediatric Anesthesia was added in 2002. This was the first pediatric certificate program in the country.

The NA education builds upon a previously established nursing base, incorporating a rigorous scientific foundation in anesthesia. Prudentia Worth, PhD, CRNA, has served as program director since 1984. She cites the strength of the two-year graduate program as the didactic curriculum, which is integrated with clinical experiences in affiliated hospitals: the Detroit Medical Center hospitals, the Veteran's Administration and many urban and community hospitals, such as Scheurer in Pigeon, MI. The program also is in partnership with two major hospitals in Toledo, OH, which serve as primary clinical sites for students recruited from the Toledo area.

The program admits 25 students each year and has a low attrition rate. Dr. Worth attributes this to the clinical expertise of instructors, who remain committed to ensure students learn the best practices in anesthesia care.

"The faculty are truly dedicated to education and to the success of the students," Dr. Worth said. "Faculty with special skills in the Human Patient Simulator, for example, spend a significant amount of time with students in the lab preparing them for their experiential training."

Graduates from the program exemplify the quality of their learning experience here. "Our Nurse Anesthesia graduates have consistently exceeded the pass rate on the National Certification Exam. The national benchmark is 80 percent, with a preferred rate of 84 percent. In 2007, our pass rate was 100 percent," Dr. Worth said, noting that our graduates are leaders at institutions across the country, and in professional



Edward Kerfoot (second from right) is director for the Occupational and Environmental Health Sciences, one of the newest programs in the Department of Health Care Sciences. During the Executive Committee (EC) Retreat, Dr. Birk (right) and Dr. Kerfoot join in a discussion with Dean Schmoll and other EC members on the college's strategic plan.

organizations.

Looking toward the future, Dr. Worth is working to move the program from a Master of Science to a doctorate. "Our professional organization, the American Association of Nurse Anesthetists, supports nurse anesthetists at a doctorate level by 2025," she said. "The standard charge is for program directors to have a PhD by 2014."

The **Occupational and Environmental Health Sciences (OEHS)** program was incorporated into the Department of Health Care Sciences from the EACPHS Department of Fundamental and Applied Sciences in August, a move for efficiency and economy.

The program began in 1954 in the WSU School of Medicine and was transferred to the College of Pharmacy and Allied Health Professions in 1979.

"The activities of the OEHS program are directed towards improving the scientific basis for assessing and developing cost-effective management of human health risks associated with occupational and environmental exposures," said Edward J. Kerfoot, PhD, program director. "We are interested in preventive care, anticipating and correcting things before they happen."

Associated with the University for the past 34 years, Dr. Kerfoot retired in 2006 from BASF Corporation after

reorganization continued from page 1 . . .

has 8 distinct programs with 21 faculty and 7 program directors. The appointment of an associate chair from among the program directors will provide support to Dr. Birk and assist in responding to the needs of the faculty, staff and students.

David Edwards, PharmD, chairs the Department of Pharmacy Practice, which has 21 faculty and plans to add three tenure-track and two clinical faculty in the 2007-08 academic year. An associate chair will be responsible for the Doctor of Pharmacy curriculum which is offered by both the Departments of Pharmacy Practice and Pharmaceutical Sciences.

"This joint provision of the Doctor of Pharmacy curriculum has caused confusion for both faculty and students," points

out the Dean. "Our assessments of faculty and students show concern that there is no single person responsible for the program. An associate chair will provide consistent leadership for the joint PharmD program and serve as the point person for students and faculty issues that arise regarding the program."

The associate chair for the Department of Pharmacy Practice will be filled from existing faculty.

It is anticipated that the reorganization will be complete by the next fiscal year, beginning October 2008.

"These changes are expected to facilitate further synergies within the college and result in further scales of economy and efficiency," the Dean said.

32 years of service and accepted the position of OEHS director.

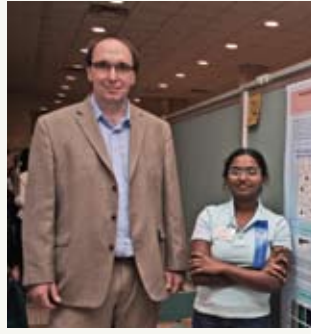
The program offers a Master of Science in Occupational and Environmental Health, with a specialization in Industrial Hygiene or Industrial Toxicology. It also offers Graduate Certificates in Occupational Safety, and Environmental Health and Hazardous Materials Control; and a Post-Master Certificate in Industrial Toxicology.

The OEHS program

is a major educator of industrial hygienists, toxicologists and other occupational health professionals employed by industry, government and business in Southeast Michigan and Ontario, Canada. Most of the industrial hygiene managers in Southeast Michigan's automotive industry are WSU graduates and/or adjunct faculty members.

Dr. Kerfoot describes the faculty as a unique combination of academic and industrial hygiene

Students Take Honors at Research Forum



During Welcome Back Week, the college hosted its 4th annual Research Forum. Richard Okita, PhD, program director, Institute of General Medicine, National Institutes of Health (NIH), spoke on translational research and advised faculty on seeking NIH grants. There were more than 60 poster presentations. Undergraduate Award winner was (left top photo) pharmacy student Jane E. McDonnell (pictured with Steven M. Firestone, assistant professor in the Department of Pharmaceutical Sciences) for "Creation of a High Throughput Assay for N5-CAIR Synthetase." Graduate Award winners were Graduate Research Assistant (middle photo) Devika S. Manickam (pictured with David Oupicky, associate professor in the Department of Pharmaceutical Sciences) for "Bel-2 over expression as a proxy redox stimulus to enhance activity of reducible gene delivery vectors;" and Stacey Schepens, research coordinator of Physical Therapy Mobility Research Lab and PhD student, (pictured with Allon Goldberg, assistant professor in Physical Therapy) for "Is the short version of the Activities-specific Balance Confidence scale a valid measure of balance confidence, and is it related to balance impairment and falls in older adults?"

professionals with fractural-time faculty all having doctorate degrees. Many faculty have achieved professional certifications in various disciplines; some members have multiple and/or international certificates.

Utilizing state-of-the-art laboratory and field-based equipment, OEHS faculty teach courses in modern industrial hygiene and occupational safety methods.

During the next few years, Dr. Kerfoot intends to increase enrollment attracting a diverse group of high caliber students, promote individual and professional development, offer continuing education programs, and support the community and industrial needs of Southeast Michigan through outreach programs.

Joseph M. Pellerito Jr., MS, OTR, CDI, has served as director for the **Occupational Therapy (OT)** program since January 2000. He leads a program which approaches health in a holistic manner, understanding how an individual's mind, body and spirit impact quality of life in various social contexts.

Two graduate degrees are offered. The Master of Occupational Therapy (MOT) is an entry-level degree, which trains students in becoming highly skilled therapists to help people regain, develop, and build skills that are essential for independent functioning, health and well-being.

Students earn a Bachelor of Health Sciences (BHS) degree, which provides the foundation for the MOT graduate degree.

Pellerito gives high praise to the OT faculty, describing them as some of the finest educators, mentors, and scholars in the profession.

"They truly care about students' growth and development," he said. "They are dedicated professionals who are experts in their respective areas of practice, research, teaching, and service."

The program has six full-time faculty, four of whom have earned their doctorate degrees. It is anticipated that the faculty will be 100 percent doctoral prepared by the end of 2008. "This will enable us to rise to the level of a Carnegie 1 institution. We would be one of two programs in the state to be Carnegie doctoral/research extensive, providing excellence in teaching, service and research," said Pellerito.

Both the director and the faculty place a high priority on translational research, research that is applicable to the real world. Their research studies investigate such health concerns as motor control of upper limb reach and grasp, the effects of drowsiness counter-measures on driver sleepiness, and sociocultural factors that facilitate and impede optimal social recovery after hip fracture, to name a few.

"WSU **Physical Therapy (PT)** is the

only PT program in Michigan that is located on an urban academic medical campus, which gives students access to a rich diversity of opportunities," said Susan Talley, DPT, MA, program director.

The PT program began as a baccalaureate degree in 1967. In the mid-1980s, Physical Therapy was a master's program, which was transitioned into an entry-level Doctor of Physical Therapy (DPT) in 2004. In 2005, the program introduced a transitional DPT program for licensed physical therapists.

There are 106 students in the Doctor of Physical Therapy program, the largest program in the Department of Health Care Sciences. Physical therapists examine, evaluate and diagnose the function of patient/clients' neuromuscular, musculoskeletal integumentary and cardiovascular-pulmonary systems and determine appropriate interventions to prevent dysfunction and to maintain and improve or restore physical function and health status.

Beginning in 1974, Dr. Talley has experienced WSU education as a student and an academic. She said that faculty and students receive extensive experience in research and service to the community as well as participate in collaborative interdisciplinary education.

"Our students are able to observe and interact with patients

on the Detroit Medical Center campus and the Rehabilitation Institute of Michigan, which is located across from the EACPHS building. I don't know of any other PT program in the state in which patients are integrated into the class to the extent we are able to do. That is unique to our program," Dr. Talley said.

All students conduct research projects and present at local, regional, national and international events, such as the Del Harder Rehabilitation Research Day in Detroit, the Michigan Physical Therapy Association, World Confederation of Physical Therapy in Vancouver, Canada, and the American Gerontological Society.

Service to the University and community is an important aspect in students' professional development. Collaborating with the Physician Assistant Studies and Occupational Therapy programs, PT students provide health screenings to Special Olympians in the Detroit Public Schools. They also volunteer at soup kitchens, shelters, adult day care centers, tutoring children and in wheelchair sports.

Dr. Talley proudly

reports that graduates have a 100 percent ultimate pass rate on the National Physical Therapy Exam for licensure and a first-time pass rate at or above the state and national levels.

This past spring, the **Physician Assistant Studies (PAS)** program celebrated its 10th graduating class. Stephanie Gilkey, MS, PA-C, has been associated with the program since its inception in 1996, the past three years as director.

PAS graduates are licensed to practice medicine with physician supervision. Other than allopathic and osteopathic physicians, they are the only other professionals licensed to practice medicine in Michigan. "Physician assistants are a key component in limiting growth of health care costs," Gilkey said.

The U.S. Bureau of Labor Statistics projects that the number of PA jobs will increase by 50 percent between 2004 and 2014. "Our students are well prepared to fill these positions and meet the challenges of the profession," Gilkey said.

As support, she adds that PAS graduates score well above the national mean on the national certifying examination

Continued on page 4 . . .



Physical Therapy Director Susan Talley talks to visiting Detroit Public Schools' students on the responsibilities of physical therapists.



Under the direction of Stephanie Gilkey (center), the Physical Assistant Studies (PAS) program emphasizes service-learning. Community outreach programs, which PAS students are involved, include pre-sport health appraisals for Detroit Special Olympians.

with a 96 percent pass rate for first-time takers. While maintaining a high scholastic level, Gilkey reports that the program has a low attrition rate, in part due to the work of seasoned faculty.

"The program is attracting a high caliber of individuals who are committed and dedicated to the intense two-year curriculum," she said. These students come from a variety of professions, including lawyers, teachers, chefs, research scientists, and health educators, as well as those relatively new to health care in the role of assistants in the hospital and outpatient settings.

Our PAS program emphasizes service-learning in an urban underserved setting. Community outreach programs include pre-sport health appraisals for Detroit Special Olympians and health education presentations for school

age children in the Detroit Public Schools.

Among the strengths of the program is skills testing through the Medical School, which enhances students' education through the use of standardized patients. "No other physician assistant educational program in Michigan offers this type of testing," said Gilkey.

Building upon the competitive strengths of the PAS program, Gilkey is working to engage more faculty in research, expand involvement in community and in service learning, and introduce a health clinic within the community for the underserved.

After a five-year absence, the undergraduate **Radiation Therapy Technology (RTT)** program returned in 2005 to the Eugene Applebaum College of Pharmacy and Health Sciences from the WSU

School of Medicine.

Established in 1976, "the program's return to the college enables it to become part of a larger health care sciences curriculum, deriving benefit from dedicated fiscal resources, academic administration and an expanded health care curriculum," said Adam Kempa, MEd, RT(T), program director. He has been associated with the program for the past 17 years as a senior lecturer.

One of the first accredited baccalaureate degree programs in the United States, the RTT curriculum teaches students to blend their knowledge and skills of mathematics, science and psychology in operating sophisticated radiation equipment, assisting in the design for oncology treatment, and providing psychological support for patients who are dealing with the stress of their illness.

At present, there are a total of 20 students in the program. "Small class sizes enable our faculty and clinical instructors to give students more personal attention," Kempa said.

"Our RTT program is recognized for its academic standards, excellent clinical education component and comprehensive curriculum. Graduates are recruited by institutions across the nation. Approximately 80 percent of the graduates are employed in Michigan," he said. In addition, our graduates have consistently passed the national certification examination with above

average scores.

Kempa is working to increase clinical sites beyond the Detroit Medical Center, Karmanos Cancer Institute, Sinai Grace Hospital, Oakwood Hospital and Henry Ford Hospital. His goals also include expanding course presentations into a digital environment.

Radiologic Technology (RT) program began in fall 2006 and is the only baccalaureate degree of its kind in Michigan. It is a partnership between Wayne State University and Henry Ford Hospital (HFH) and moves the program from a certificate to baccalaureate degree program.

"This partnership grew out of a concern that the HFH-based training program was no longer addressing the best interests of the professional community or the patient population," said Kathy Kath, MS, RT (R)(M), program director who has been the hospital's program director since 1986.

Radiologic technologists are health care professionals who administer prescribed radiation for medical diagnoses. The RT program has been in existence at Henry Ford Hospital since the 1950s.

The HFH-WSU Radiologic Technology curriculum enables students to take WSU general education requirements and professional pre-requisite coursework during the first two years of study,

followed by two years of professional curriculum to earn a Bachelor of Science degree.

The curriculum also is designed to provide non-degree radiologic technologists with the opportunity to complete required course work leading to a baccalaureate degree, while applying their previous knowledge and skills to degree requirements.

Among Kath's goals are to grow the program from its present total of 13 students to 25-30 students per year. She also is working for a greater pooling of resources for interdisciplinary studies with other programs within the department.

In late November, the WSU Board of Governors approved a Master of Science in Radiologist Assistant, which will be implemented in May 2008. This program joined with the Radiation Therapy Technology and the Radiologic Technology programs will create a strong Radiologic Sciences curriculum within the college and the Department of Health Care Sciences.

To learn more about all the programs in the Eugene Applebaum College of Pharmacy and Health Sciences go to www.cphs.wayne.edu. Call our EACPHS Office of Student Affairs at 313/577-1716 and ask about our monthly information meetings.



After nine years as an associate professor in the Occupational and Environmental Health Sciences (OEHS) program, Department of Health Care Sciences, Patricia Brogan left the college to relocate to Georgia where members of her family live and where she continues to work with the National Institutes of Health and the Centers for Disease Control and Prevention. Bill Watt, OEHS part-time faculty, was among faculty and staff wishing Brogan well on her move.

It was all in good fun! Peter Frade, chair for the Department of Fundamental and Applied Sciences, bent his head to Associate Dean Howard Normile in observance of National Kiss a Bald Head Day.



Faculty and Staff Distinguished Activities

Boards, Committees

Janet Brown, director for the Clinical Laboratory Science program, Department of Fundamental and Applied Sciences, is serving as president for the Michigan Clinical Laboratory Sciences Association.

Mary K. Clark, assistant dean for the Office of Student and Alumni Affairs, was invited to serve on the Community Day-Northwestern Success Project Board, which raises funds to enhance the high school experience for students and to address issues, such as high school retention.

Roseanne Dizazzo-Miller, associate professor – clinical, and **Joseph Pellerito**, program director, Occupational Therapy, Department of Health Care Sciences, were invited to co-edit an Occupational Therapy examination review book to be published in 2009.

Steven Firestine, assistant professor in the Department of Pharmaceutical Sciences, serves on the Review Advisory Panel of the Molecular Medicine and Genetics Program, WSU School of Medicine.

Peter Frade, chair for the Department of Fundamental and Applied Sciences and program director for Mortuary Science, was invited to review a cornerstone textbook in Mortuary Science.

John McGinnity, associate professor, Physician Assistant Studies program, Department of Health Care Sciences, chaired the 32nd annual Michigan Academy of Physician Assistants Fall Conference, Oct. 11-14, in Traverse City, MI. In addition, he also presented "Cardiac Risk Factor Reduction: Does it really work?" at the conference.

David Oupicky, associate professor in the Department of Pharmaceutical Sciences, serves on the 2007-08 New Investigators Program Faculty Review Committee, American Association of Colleges.

Beverly J. Schmoll, dean, is chairing a Task

Force on Emerging Issues Impacting Pharmacy Education, American Association of Colleges of Pharmacy.

Degrees

Two faculty members in the Occupational Therapy program, Department of Health Care Sciences, successfully defended their doctoral dissertations and have earned PhD degrees.

Gerry E. Conti, assistant professor, received her degree in Kinesiology from the University of Michigan. Her dissertation is entitled "Bilateral Grasp Force Coordination in You and Older Adults."

Regina N. Parnell, fieldwork coordinator and senior lecturer, received her degree in Sociology with a concentration in Medical Sociology from Wayne State University. Her dissertation is entitled "Hurried African American Women: Healthy Lives, Loves and Limits."

External Grants

Linda Jaber, associate professor, Department of Pharmacy Practice, was awarded her first National Institutes of Health (NIH) R21 grant in the amount of \$460,917 for her work on diabetes among the Arab American population. The R21 grant is intended to encourage exploratory/developmental research by providing support for the early and conceptual stages of development.

David Oupicky, associate professor, Department of Pharmaceutical Sciences, also received an NIH R21 award of \$408,000 for a project entitled "Hollow porous silica nanoparticles for targeted drug delivery." Research in his laboratory focuses on the use of nanotechnology in pharmaceuticals and medicine.

Michael Rybak, associate dean for Research and professor in the Department of Pharmacy Practice, received funding of \$95,385 for the proposal, "Evaluation of televancin alone and in combination

versus vancomycin alone and in combination against oxacillin susceptible and resistant *S. aureus* in an in-vitro pharmacodynamic model with simulated endocardial vegetations." Rybak's research focuses on infectious diseases.

Presentations

Earlier this year, **Kim Dunleavy**, assistant professor-clinical, Physical Therapy program, Department of Health Care Sciences, presented "Teaching Strategies for the International Volunteers" at the annual meeting of the Academy of Dermatology in Washington, D.C.

In June, **Allon Goldberg**, assistant professor in the Physical Therapy (PT) program, Department of Health Care Sciences, participated in a panel discussion on "Advances in Genomics: How should it impact physical therapy practice, education and research?" at the World Physical Therapy 2007 Conference in Vancouver, BC. At the conference, he along with **Stacey Schepens**, research coordinator for EACPHS Physical Mobility Research Laboratory, and **Melissa Wallace**, PT student assistant, gave a poster presentation "Trunk Position Sense is Associated with Falls and Balance Confidence in Community-dwelling Older Adults." The three teamed again in July at the annual Scientific Meeting of the American Physical Therapy Association in Denver. They presented a poster "Maximum step length test is a valid and reliable measure of balance and mobility capabilities in older adults."

Kathy Kath, program director for Radiologic Therapy, Department of Health Care Sciences, presented "Clinical Grades: Formula for Minimizing Complaints about the Grading Process" at the 2007 annual conference of the American Society of Radiologic Technologist/Association of Educators in the Imaging Radiologic Sciences in Albuquerque, NM.

College Update

College enrollment for the 2007-08 academic year is 909 students, an increase of almost 9 percent over the 2006-07 academic year.



The college joined with the WSU Schools of Medicine and Nursing to sponsor "The Coming Pandemic: Preparing for a Worldwide Outbreak of Influenza." The half-day program in October brought national and regional experts to the School of Medicine to explore the characteristics of pandemic influenza, its medical implications and ways to minimize its effect on business, the economy and everyday life. The audience included medical and health sciences professionals, students, and the business community. Howard J. Normile, EACPHS associate dean, served on the Planning Committee.

Dean Beverly J. Schmoll and the Associate Dean served two years on the WSU Pandemic Preparedness Task Force, which developed a comprehensive strategy for management and mitigating an outbreak of avian influenza on the WSU campus. The pandemic preparedness summit was a recommendation of the Task Force.



This past summer, the college sponsored a Health Science Career Mentorship Program for high-achieving, low- to moderate-income high school students in the Detroit Public Schools. During the 10-week pilot program, two students explored careers in the health sciences through hands-on experience in a basic research project, shadowing clinicians in participating disciplines, mentoring and individual career counseling. Faculty and staff working with the students were Stephanie Gilkey, director of the Physician Assistant Studies program and coordinator for the clinical shadowing experiences; Randall L. Commissaris, associate professor in the Department of Pharmaceutical Sciences and the students' research mentor; and Amanda Snyder, academic services officer in the Office of Student and Alumni Affairs and resource person for various health science career programs.

"As an urban university, Wayne State recognizes an obligation to develop special avenues that encourage access for promising students from disadvantaged educational backgrounds," Gilkey said. "This mentorship program is a means of doing just that."

As project director and co-director respectively, Gilkey and Commissaris are seeking funding support for the program to continue in summer 2008.



One summer day each year, Patrick Woster, professor in the Department of Pharmaceutical Sciences, exchanges lab coat for cooking tongs and spatula to barbecue hamburgers and hot dogs. It is a tasty annual event, which is looked forward to and appreciated by faculty, staff and students.



Mary K. Clark, assistant dean for the Office of Student and Alumni Affairs, tries to rescue Faye Brown, office secretary, from being carted off to the MDA Lock-up in a chauffeur-driven limo. "For having a BIG HEART" and raising funds for the Muscular Dystrophy Association, Brown enjoyed lunch at the Hard Rock Cafe in downtown Detroit.

This past summer, **Anjan Kowluru**, professor in the Department of Pharmaceutical Sciences, was invited to address an International Symposium in Belgium on "Pancreatic Islet Research from Fundamental Clinical Aspects: Metabolism, Ionic Flues, Insulin Release, Imaging and Transplantation." He also gave a presentation at the University of Dundee, United Kingdom, where he served as a visiting professor.

Cathy Lysack, associate professor, Occupational Therapy program, Department of Health Care Sciences, was the keynote speaker at the University of Southern California's 19th Annual Occupational Science Symposium: Health and Wellness: Interdisciplinary and Global Connections, March 29-30, in Los Angeles. She spoke on the "Environmental Factors and Participation after Spinal Cord Injury."

In June, **John McGinnity**, associate professor, Physician Assistant Studies program, Department of Health Care Sciences, made presentations at the American Academy of Physician Assistants CME meetings in Philadelphia and in October at the Tennessee Academy of Physician Assistants CME Meeting, in Gatlinburg. He also presented a teleconferencing series to Embry in Somerville, NJ, this past fall.

Jennifer Moore

and **Amanda Snyder**, academic services officers in the Office of Student and Alumni Affairs, presented "Advising for the Masses: How One Small Office Turned Chaos to Sanity," at the annual conference of the 2007 Michigan College Personnel Association, Mt. Pleasant, in October. They also paired for a similar presentation before the Michigan Academic Advising Association, Ann Arbor, in May.

In April, **Joseph Pellerito, Jr.**, director, Occupational Therapy program, and **Frederick Pociask**, assistant professor-clinical, Physical Therapy program, Department of Health Care Sciences, presented "Driving Simulation and Research Outcomes for People with Disabilities" at the Motorola Corporation in Schaumburg, IL. Pellerito was invited in May to speak on "Enhancing Community Mobility for Older Adults" at the Twentieth Annual Issues in Aging Conference, Institute of Gerontology, held in Canton, MI.

Faculty and staff authored three posters presented at the Association of Schools of Allied Health Professions in San Diego in October. The posters were:

- "Using a Novel Benchmark Technique for Assessment in a College of Pharmacy and Health Sciences," **Beverly J. Schmoll**, dean; **Howard Normile**, associate

dean; and **Richard Slaughter**, assistant dean for accreditation and assessment.

- "Comparison of Student Self Rating against Educational Objectives on Entrance and Exit Surveys," Slaughter, Normile and Schmoll.
 - "Health Science Programs: Engaging and Recruiting Students," Normile; Schmoll;
- Amanda Snyder** and **Jennifer Moore**, academic services officers, EACPHS Office of Student and Alumni Affairs; Surendra Marur, Internal Medicine, School of Medicine; Nancy Galster, academic services officer, Office of Vice President for Academic Affairs; and **David Edwards**, chair, EACPHS Department of Pharmacy Practice.

New Faculty and Staff

Kathleen J. Blumberg joins the college as Administrative Manager for the Office of Business Services. For the past five years, she was director of Accounting and Reporting for the Girl Scouts of Metro Detroit. Blumberg brings 23



Kathleen J. Blumberg

years of experience in accounting and business administration to her new position. While still in college, she began her professional career as bookkeeper/office manager for Concord Management, Grand Rapids. Following graduation from Aquinas College, Grand Rapids, she returned to the Detroit area working for The League of Catholic Women as senior accountant then finance director for Matrix Human Services (formerly The League of Catholic Women). Before joining the Girl Scouts, Blumberg was employed for six years by Neighborhood Service Organization, Detroit, as business manager progressing to budget and accounting

manager. She holds a Bachelor of Science degree in Business Administration and Accounting.

Rosann Brauer Keller is appointed Senior Lecturer in the Radiation Therapy Technology (RTT) program, Department of Health Care Sciences. Prior to her appointment, Keller was an adjunct assistant professor in the RTT program. She began at Wayne State University in 1990 as clinical education coordinator in the Radiation Therapy Program, Department of Radiation Oncology, and an adjunct assistant professor in the Department of Radiation Therapy Technology. The program moved from the WSU School of Medicine to the Eugene Applebaum College of Pharmacy and Health Sciences in 2006.

She holds a Bachelor of Science in Radiation Therapy Technology, Master of Education in Instructional Technology, and a Graduate Certificate in gerontology from Wayne State University. Keller holds memberships in the American Society of Radiologic Technologists, and the Michigan Society of Radiologic Technologists.

Karen Davis-White is secretary for the Occupational Therapy, Physical Therapy, Radiation Therapy Technology, and Radiologic Technology programs in the Department of Health Care Sciences. She joined Wayne State University in



Karen Davis-White

February as a coordinator in the Alumni Relations and Development Office. A graduate of the University of Detroit-Mercy, she earned a Bachelor of Science in Business Administration in 1995. Previous employment includes CareGivers and the

Detroit Public Schools.

Margaret L. Easley is secretary for the Business Administrative Services. Joining the University in 2000, Easley has worked as secretarial support in the Occupational and Environmental Medicine, Industrial & Manufacturing Engineering, and in the Classics, Greek & Latin department. Her past experience also



Margaret L. Easley

includes secretary in the Detroit Medical Center and for the Veterans Administration in San Francisco. She holds a Bachelor of Interdisciplinary Studies from Wayne State University.

Susan A. Harrington joins the Physical Therapy program, Department of Health Care Sciences, as an assistant professor-clinical. She has served as a guest instructor in the college as well as the University of Michigan in Flint and a teaching assistant at Oakland University, Rochester. She earned a Bachelor of Science in Physical Therapy from Wayne State University and did post-graduate studies at Oakland University. She holds memberships in the American and Michigan Physical Therapy Associations, and the Neurodevelopment Treatment Association. She also holds a neurodevelopmental treatment (NDT) certification (adult).



Susan Harrington

Alumni Honored for Distinguished Service

Ten alumni were honored for distinguished service in their health science disciplines during the college's 4th Annual Alumni Reunion in October. The honorees in each EACPHS program were:

Clinical Laboratory Science – **George A. Fritsma** (1967) is an associate professor in Pathology at the University of Alabama at Birmingham.

Forensic Investigation – **Mark Kachar** (2006), retired from the Monroe Sheriff's Office, is a regulation agent in the Labor Division of the Governmental Affairs Bureau, Michigan Department of Attorney General.

Mortuary Science – **Roy A. Betzler** (1970) is owner of Betzler Life Story Funeral Homes in Kalamazoo and Paw Paw, MI.

Nurse Anesthesia – **James J. Claffey** (1974), now retired, has held positions at the VA Medical Center; the St. Joseph Mercy Health System at McPherson Hospital in Howell; and Detroit Receiving Hospital University Health Center. Claffey also held faculty appointments with Mercy College, University of Detroit, and Wayne State University.

Occupational and Environmental Health Sciences – **Patricia Brogan** (1984) recently retired as associate professor in the EACPHS

Occupational and Environmental Health Sciences program and continues to work with the National Institutes of Health and the Centers for Disease Control.

Occupational Therapy – **Martha Kirkland** (1963) retired in June after 21 years as the executive director for the American Occupational Therapy Foundation.

Pharmacy – **Edward G. Szandzik** (1980) is director of Pharmacy at Henry Ford Hospital and Health Network, chair of the Henry Ford Health System Corporate Pharmacy Council, and adjunct faculty in the EACPHS Department of Pharmacy Practice.

Physical Therapy – **Katherine Palazzolo** (2000) is a senior physical therapist at Henry Ford Rehabilitation in Warren and pursuing a doctorate in Physical Therapy at Wayne State University.

Physician Assistant Studies – **Julie Malacusk** (1998) lives in Mozambique, Africa, where she cares for the medical needs of children in the orphanage "Our Father's House" and serves as a patient advocate for people in the community.

Radiation Therapy Technology -- **Bridget Brambs** (1983) is director of Radiation Oncology at Harper Hospital and involved with building cancer treatment centers in Michigan.



Dean Schmall presents a framed picture of WSU Old Main to 50-year alum and Martin Barr Lecture speaker Mitch Greenlick.

From EACPHS Development Director

Two New Scholarships Established

The college has many alumni and friends who remain committed to establishing a diverse financial support system for students that spans across the health care programs in the Eugene Applebaum College of Pharmacy and Health Sciences (EACPHS). They value the impact that EACPHS programs have on the health care delivery system in Michigan.

Two departments are the recent recipients of EACPHS donor generosity: the Clinical Laboratory Science (CLS) program and the Occupational and Environmental Health Sciences (OEHS) program. The CLS program is in the Department of Fundamental and Applied Sciences, led by Peter Frade, PhD. Janet Brown, MS, MT (ASCP), CLS (NCA), is the CLS program director. Edward J. Kerfoot, PhD, is the program director for OEHS; this program is in the Department of Health Care Sciences, chaired by Thomas Birk, PhD, MPT.

OEHS graduates anticipate, recognize, evaluate and control chemical physical and biological hazards that arise in the workplace and community. Since the 1950s, the OEHS program has been the major educator of industrial hygienists, toxicologists and other occupational health professionals employed in industry, government and business in southeastern Michigan.

Bill Watt, part-time

faculty member in the OEHS program, joined by his wife Linda established The **Bill and Linda Watt Endowed Scholarship in Occupational and Environmental Health Sciences**. Bill and Linda hold multiple degrees from WSU, and sought out this unique opportunity to support current and future OEHS students by establishing this endowed scholarship. Their scholarship will recognize scholastic achievement, encourage continued progress, and provide assistance to students in financing their education in the OEHS program at the Eugene Applebaum College of Pharmacy and Health Sciences.

The **Katherine M. Beattie CLS Endowed Scholarship** was established through the generous bequest from the estate of the late Katherine (Kay) M. Beattie. Ms. Beattie graduated with a BS degree in medical technology from Wayne State University in 1943.

Her first position was at Children's Hospital in Detroit. Affectionately known as "Kay", she was promoted to supervisor of the Blood Bank at Children's in 1954. In 1961, she became the co-director of the Michigan Community Blood Center in Detroit. Ms. Beattie joined the Southeastern Michigan Region of the American Red Cross Blood Services as director of the reference laboratory and education in 1975, holding the position until she retired to North Palm Beach, FL, in 1988.

Throughout her 45-year career, Ms. Beattie was active at the local, state, and national levels and was honored often by her peers. She passed away in February 2007.

The Katherine M. Beattie CLS Endowed Scholarship will memorialize her memory and professional career as well as support her beliefs of professional organizations, enabling CLS students to build relationships, advancing their education and CLS careers. Her scholarship will ensure that all CLS/MT students attend the yearly Michigan Society of Clinical Laboratory Science state meetings as they begin their CLS careers. Ms. Beattie had a passion for education and her generous donation will help many students achieve their academic goals in the CLS program at Wayne State University.

Scholarships remain the pathway for young women and men to arrive at their professional health care career destinations. There are many vehicles available for you to support EACPHS and assist students in achieving their educational goals. Your support will ensure that EACPHS continues to be the leader in health care education.

As you begin to make your giving decisions, choose the students and programs of EACPHS. For more information, please contact EACPHS Director of Development Lisa Whitmore Davis at 313/577-0273, email: aj2436@wayne.edu, or at www.Giving.wayne.edu.



Dean Beverly Schmall (center) congratulates distinguished alumni (from left) Edward G. Szandzik, Katherine Palazzolo, Patricia Brogan and Mark Kachar.

Student Accomplishments

Tania Begum, a second year pharmacy student, was awarded a 2007 Women of Wayne Scholarship. The scholarship is awarded on educational experiences and student activities. Begum's leadership experience includes the WSU Chapter of the American Pharmacists Association, American Red Cross, Emerging Scholars Program, National Society of Collegiate Scholars and WSU Student Council.

As part of their participation in the Paul Ambrose Scholars Program this past summer, Physician Assistant Studies students **Stephanie McKinney** and **Melissa Sanko** spearheaded a Health Fair at the Children's Center of Detroit. The event provided information on healthy living for ages three to adult through health information booths, games, snacks, and exercise.

Rachelle Malette, first year pharmacy student, was named Great Lakes Intercollegiate Athletic Conference Runner of the Week on Sept. 11. For the second consecutive year, the cross-country runner took first place at the Running Fit-Detroit Titan Invitational in Northville, MI. This is her second Runner of the Week Honor. Her time of 17:57 in the 5000 meter run was the fourth fastest in invitational history and was her fourth individual title. Her performance helped the WSU Warriors claim their first team title of the 2007 season.

Community outreach for pharmacy students even extends to the bowling alley. Participating in a cancer fundraiser, **Mark T. Sawkin**, 2010 class vice president, and a team of pharmacy students found time between frames to go lane-to-lane talking about the importance of being one's own health care advocate. In addition to Sawkin, other pharmacy students were **Dyania Macki**, **Tonya Ajouz**, **Tarik Ibrahim**, **Hala Bazzi**, **Assam Moussawel**, **Long To**, **Jen Hagopian**, **Mirjori Bishja** and **Jaclyn Knochel**.



"Wake-up with CLS" was the breakfast fundraiser for the Clinical Laboratory Science (CLS) junior class. The students (from left - Treasurer Julie Sipnieski, President Justin Reuter and Zeina Karnib) are working to raise monies for trips, such as the State Conference for the CLS Association in Kalamazoo. Associate Dean Howard Normile purchased a roll from the selection of bagels, muffins, turnovers, donuts and cinnamon rolls.



Lambda Kappa Sigma international professional pharmacy fraternity sets the example for wearing pink during "Passionately Pink for the Cure Week" in October. The fraternity sponsored activities to heighten awareness of breast cancer and raise funds for research. President Brittany Brand presented Dean Schmoll with a "Passionately Pink for the Cure" pin.

Questioning Medication Helps Reduce Health Risks

"When I graduated from WSU College of Pharmacy in 1942, little did I realize that becoming a medical professional would save my life 62 years later," 87-year-old Helen Kosy, a pharmacy alumna, wrote to Dean Beverly Schmoll in April.

At 83, Kosy suffered a stroke. When she was discharged from the hospital, she reviewed her medications. Kosy learned that she was taking a medication that she had not been taking prior to the stroke.

A former hospital pharmacist and science teacher, Kosy checked her Physicians' Desk Reference and a layman's text. The reference books advised against mixing the medication with what Kosy was taking prior to her stroke and on her high potassium diet. Kosy followed up with her doctor who told her that

she could discontinue the medication.

"In 2005, I was hospitalized for knee replacement and given the medication again," Kosy wrote. She contacted her doctor and was taken off the medication.

Kosy's proactive response sets a good example for patients to question their health care providers. "Ask Me 3" is an educational program provided by the Partnership for Clear Health Communication to promote clear communication between health care providers and patients.

Get answers to three questions: 1) What is my main problem? 2) What do I need to do? 3) Why is it important for me to do this? In addition, ask your pharmacist to review each new prescription and its affects with you.

Be a patient advocate for yourself and your family.

Alumni Notes

Murray Duchame (Pharm '92) is the Chief Science Officer for Cetero Research, a full spectrum of clinical research services to meet the needs of pharmaceutical and biotechnology industries. He is responsible for the company's scientific and regulatory affairs.

Atheer A. Kaddis (Pharm '92 & '94) joins the executive management team of Diplomat Specialty Pharmacy, a health care organization focusing on medication management programs. He serves as Vice President of Managed Markets, working to further develop competitive, cost saving specialty programs to health care plans.

In Memoriam

Jennie Jablonowski Shamkus (Pharm '43) died Sept. 16 at the age of 93. She was a charter member of the Omicron Graduate Chapter of Lambda Kappa Sigma, international pharmacy fraternity.

Raymond A. Komosinski (Pharm '50) died Oct. 10 at the age of 87. He resided in Sterling Heights, MI.

Daniel Koprince, DO (Pharm '43) died Oct. 16 at the age of 85.

WAYNE STATE UNIVERSITY

EUGENE APPLEBAUM COLLEGE OF PHARMACY AND HEALTH SCIENCES

www.cphs.wayne.edu

Synergy is published by the WSU Eugene Applebaum College of Pharmacy and Health Sciences

Dean: Beverly J. Schmoll
Editor: Kathleen Karas
Photographers: M. J. Murawka, Sue Christie
Design: Mary Myrand, Biomedical Communications, WSU School of Medicine

Wayne State University is an equal opportunity/affirmative action employer.