

The Role of Organic Farming in Today's Health Care Model

Educational Wing on Schedule to Open in January 2012

Students Gain Real World Experience from Community Based Internships

Medical Doctor Advances Education by Pursuing Chiropractic Degree

Logan Announces Opening of Southfield Health Center

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THE TOWER

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LOGAN AT THE BALLPARK









Logan hosted Chiropractic Professionals' Night with the St. Louis Cardinals during the July 8 game at Busch Stadium. Drs. George and Elizabeth Goodman participated in the first-pitch ceremony along with faculty and students.





LOGAN CURRICULUM

Making a Case for ORGANIC FARMING

How Logan students are learning the benefits of whole food nutrition

According to a study conducted in 2010 by the Centers for Disease Control and Prevention, the majority of people in the U.S. fail to eat a diet that has high nutritional value.

Data collected from more than 17,300 Americans who were surveyed found inadequate nutrition across all age groups and genders, and recent findings show that that nearly 27 percent of Americans are now considered obese.

Given these statistics, it's not surprising that health problems ranging from diabetes to heart disease plague our nation's population. We are consumers of processed foods that are high in fat, salt and sugars and low in essential vitamins and nutrients.

Stop and think about what you eat. Do you know where your food comes from? How can you be sure that what you are putting in your body is good for you? Organic farming is becoming one the fastest growing segments of America's food industry, and is making a strong case for long-term health benefits.

FOOD SECURITY

For Christine Mason, food security is not just a buzz word around her place of employment it's a way of life.

LOGAN UNIVERSITY

Logan University is a diverse and engaging community committed to excellence in health sciences, education and service, guided by integrity, commitment and passion.



As the farm operations manager for Standard Process Inc., a manufacturer of whole food supplements in Palmyra, Wisc., Mason oversees the daily functions of the company's organic farm where she manages 420 acres of certified organic farmland used to grow a variety of plants for Standard Process' high-quality supplements. Mason and her team of eight farmers follow strict organic farming guidelines, including the use of organic and untreated seeds.

The team's farming records are so detailed that if asked, Mason can trace a bottle of Standard Process supplements all the way back to where the seed was planted on the farm and which tractor was used.

"I can promise you our farming is done in the most natural way, and we have complete control of biosecurity and our food," she said.

Having spent 13 years working in conventional agriculture before transitioning to her role at Standard Process, Mason sees the benefits of whole food nutrition and says the differences between organic and nonorganic farming are significant.

Most acres in the United States, she said, are genetically modified and the only way you know that you're not eating genetically modified food is if it's marked organic. Organic means there are absolutely no synthetics, insecticides or herbicides, and Mason said Standard Process has zero tolerance for genetic modification. "Organic farming makes you stay in close touch with the soil and food," Mason said. "You can't be healthier than what you eat, and what you eat cannot be healthier than the soil it comes from."

That philosophy is a hallmark of Standard Process where much time and energy is put into monitoring the health of soil. Mason said conventional farms in the U.S. tend to be more prescriptive in using a certain number of units of nitrogen, while organic farms are more concerned with the soil itself.

"We focus on macro- and micro-nutrients in the soil and make sure the soil has a good exchange of air, water, flora and fauna," she said, adding that Standard Process utilizes a system of well-managed soil, supplemented with biodegradable byproducts and optimum drainage. "You'll find that if you're killing everything living in your ground, the soil won't have much to give. Soil is good for life."

LIVING ORGANIC

As an advocate for organic farming, Mason is passionate about drumming up support and is active with her outreach to university students, businesses and nonprofit organizations. She serves on the Wisconsin Organic Advisory Council, speaks regularly at seminars, and is often a go-to source for dispelling myths and rumors about the methods of farming organically.

LOGAN COLLEGE OF CHIROPRACTIC

Logan College of Chiropractic prepares students to become doctors of chiropractic who are superbly educated and clinically competent, practicing portal-of-entry chiropractic physicians. This mission is accomplished through our dedicated faculty, recognized for student-centered excellence; comprehensive science-driven, knowledge-based and information-facilitated curriculum; enhanced by community and public service. The institution is committed to the conduct of research and other scholarly activities.



Above (from left to right): Red Ursa Kale, Sweet Pea Blossom and Sweet Pea Pod

"The biggest misconception I hear is that science is not a factor in organic farming, when in reality, Standard Process regularly uses GPS and conducts tests every five acres to determine soil conditions," she said. "We also employ a department of research and development that determines when vegetables have reached the optimal time for harvesting so we can maximize vital nutrient content."

She said the fact that Standard Process knows what to plant, when to plant and when to harvest does not just make them an organic farm, but a farm making specific decisions based on nutritional requirements. "When people say it's all feel-good and no science, it's not true at all," she said. "You can still use sound agronomy and be organic."

With so much insecurity about food supply these days, organic farming gives consumers comfort in knowing the source of their food without having to guess what they are eating.

Today, Mason has adopted this philosophy with her own family farm. Though she and her husband grow organic soybeans, corn, wheat, alfalfa and other cover crops, they didn't always farm organically. The turning point was Mason's pregnancy with her daughter.

"I didn't want the land around our house sprayed anymore. Having a baby really inspired me to think bigger," she said. "Now, I feel good not only about our land, but our commitment to environmental and community stewardship."

Additionally, since making the switch from conventional farming to organic, Mason's husband Steve lost more than 70 pounds—another sign of whole food nutrition benefiting a healthy lifestyle and another reason why Mason's finds organic farming rewarding.

CHIROPRACTIC AND NUTRITION

Chiropractic has long recognized the importance of nutrition in maintaining a healthy lifestyle, and at Logan, students are not just learning about the benefits of whole food nutrition, they are being challenged to develop ways to incorporate it into a patient's overall comprehensive wellness program.



Center: Farm Operations Supervisor Steve Mason harvesting Spanish Black Radish on Standard Process' certified organic farm.

Twice a year, Logan College brings students to the Standard Process farm in Wisconsin to learn how organic farming contributes to a healthy lifestyle. They learn how Standard Process uses high quality raw materials to grow a variety of crops including alfalfa, barley grass, beets, Brussel sprouts, buckwheat, kale, kidney beans, oats, pea vine and Spanish black radish which are then produced into supplements. They also discover how the right soil can bring out the best nutrients in the produce.

The experience not only enriches the student's knowledge of whole food nutrition, but provides a basis for educating future patients about how food choice fits into the overall wellness model.

"Part of looking at wellness is in fact determining how nutritionally sound patients are, whether they are obese or undernourished," said Dr. Elizabeth Goodman, Logan's dean of university programs. "It's difficult getting consumers to understand the significance and benefits of whole food nutrition, but as chiropractic physicians, it is our job to determine how we can help."

Over the next few months, Logan will further deepen its focus on nutrition through a collaborative research project studying dietary factors related to obesity. Working with other academic institutions throughout the U.S., Logan will contribute evidence to the body of knowledge and help foster a greater understanding of nutrition related to this serious health condition.

Dr. Goodman said it is imperative that we continue educating ourselves in this area so we can find new evidence for how nutrition improves quality of life.

"At Logan, we are preparing our students through best practices taught in our curriculum, by analyzing evidence-based research on nutrition and finding data that demonstrates the value of consuming foods organically grown," she said. "We are in a constant state of learning."



Logan's New Health Center is a Joint Effort

For Logan students and practitioners, the new Logan Health Center at Southfield is truly a joint effort. By combining the resources of two existing locations, Logan has created an expanded, state-of-the-art center that boasts enhanced technology, specialized equipment and a full staff of expert practitioners.

The 6,200 square-foot Southfield Health Center, which offers the full array of radiology, rehabilitation, nutrition and chiropractic care services, officially opened its doors to patients in south St. Louis County on Aug. 29.

In an effort to make new equipment and technology readily accessible to more patients, Logan combined its existing Webster Groves and Southroads chiropractic health centers into an expanded facility at Southfield Health Center.

"Our Southfield Health Center is twice the size of the previous health centers and we're located in a neighborhood that can conveniently serve the patients from our combined practices," said Dr. Michael

The Southfield Health Center is located at 5422 Southfield Center in south St. Louis County, Mo., near the intersection of Lindbergh Blvd, and Baptist Church Road. Hours are Monday through Thursday from 11:30 a.m. to 7 p.m., Friday from 11:30 a.m. to 6 p.m., and Saturday from 9 a.m. to noon. For more information or to make an appointment, call 314-849-3800.

Wittmer, Logan's director of clinical care. "With our enhanced services, we offer patients a state-of-the-art environment to receive effective chiropractic health and wellness care, plus sports rehabilitative services."

The center includes 14 patient treatment rooms, an intake room, two laser treatment rooms, and a physical therapeutic area. In addition, there is space for X-rays, ultrasound, and a full-service laboratory for blood draws. The center also features a BIOFREEZE® Sports & Rehabilitation Center, the first such satellite center to be located off of Logan's Chesterfield campus.



Logan senior interns work at the new Southfield Health Center

"We have committed a lot of resources to ensure quality for our patients and our practitioners," Dr. Wittmer said. "The hightech equipment means that Logan students, working alongside practicing chiropractors and faculty, will have the opportunity to treat a variety of patient cases, using best technology available."



Dr. Wittmer anticipates the center will serve more than 150 patients per day with the help of Logan senior interns and residents as well as three full-time supervising clinicians, Dr. Jeffrey Kamper, Dr. Patricia Estrada and Dr. Aimee Jokerst.

Dr. Estrada feels that this multi-practitioner model will benefit Logan students by emulating the types of health care environments students are likely to encounter after graduation.

"I'm hearing more and more from my recently graduated students that they are practicing at organizations with multiple chiropractors who specialize in a variety of disciplines. This group model is definitely a growing trend," Dr. Estrada said. "At Southfield, students will naturally learn how to work with other chiropractors and learn from each other's individual experience and expertise."

As a Southfield clinician, Dr. Kamper feels the multi-practitioner model will also benefit the patients by giving them access to a broader pool of talent and expertise.

"I remind my students that Logan College is a highly respected teaching institution, and as in all disciplines of health care, this is the environment where difficult patient cases are best served," Dr. Kamper said. "Patients with challenging cases come to our health centers because they know our faculty and clinicians not only have a diversity of experience, but access to the latest technology as well."

In addition to helping students develop their interpersonal skills in a practice environment, the Southfield Health Center also introduces students to the idea of continuum of care through electronic health record (EHR) technology. "Logan is one of the first chiropractic clinic systems to provide certified EHR technology," Dr. Kamper said. "As private practices across the country are being required to keep electronic health records, it is a great opportunity for students to use the technology to learn how it can improve outcomes for individual patients. EHR technology helps to place a patient's entire health history at the fingertips of their chiropractic practitioner."

With its state-of-the-art technology and equipment, the Southfield Health Center is also giving students exposure to specialized fields of study.

"During clinicals, we really start to see students grow and develop their own interests and specialties," Dr. Estrada said. "They have a unique opportunity to be introduced to many different types of patient cases, so interns can discover what areas motivate and excite them."

With the expanded space, students are introducing health and wellness classes to the community including, Tai Chi, Swiss ball exercise, and nutrition instruction. Logan interns are also expected to become familiar with the communities they serve and are responsible for marketing Southfield's services. The patient base for the new health center will range from newborns and high school athletes to first responders and seniors citizens. According to Southfield clinician Dr. Jokerst, students are encouraged and expected to provide individual, careful attention to all patients' health needs.

"Students learn to put science and academics to practice here and they are very thorough with their patients," Dr. Jokerst said. "At Southfield, senior interns become chiropractic professionals with exceptional knowledge, expertise and experience in their field."



Logan's investment in the Southfield Health Center gives both students and patients an enhanced chiropractic experience. Patients have access to expert care and applications of technology and techniques for assessment and treatment. Students learn to help their community one patient at a time in a foremost advanced chiropractic setting.

"Although Logan's clinic system is affordable for patients, the quality of care provided is excellent," Dr. Wittmer said. "From EHR technology to our BIOFREEZE Sports & Rehabilitation Center, we have the resources to provide the best possible care, and proper diagnosis with treatment."

Dr. Jeffrey Kamper (center below) with Southfield senior interns (left to right) Andrew Butzke, Loriann Laugle, Phillip Henady and Jason Williams.





East Meets West: One Student's Journey to Fully Understanding the Human Body

Jinpu Li is not your average graduate school student. Not only does the Tri-6 Logan student have another degree, but he has seven years of experience practicing as a medical doctor in Shanghai, China. Jinpu will soon belong to a unique group of doctors—educated in both chiropractic and allopathic medicine who are using their knowledge to create more integrated model of health care.

"What makes chiropractic unique is that this profession emphasizes the influence of the nerve system on the general health of our body and treats patients with less aggressive approaches, such as adjustments, nutritional consultation, natural supplements, exercise and acupuncture," he said. "I think chiropractic will broaden my scope of practice and help me to see my patients from different perspectives."

A curiosity for chiropractic

Growing up in Fujian and Shanghai, China, Jinpu always had an interest in medicine and strong desire to take care of his family.

Jinpu was one of 25 students accepted into an annual seven-year program designed by Fudan University and Shanghai University of Traditional Chinese Medicine to train doctors in both western and Chinese medicine. After graduating in 2002, Jinpu worked in the integrated Chinese and western medicine department of Shanghai No. 6 People's Hospital at the medical school of Shanghai Jiaotong University.

"I enjoyed Shanghai and enjoyed the practice, but something I was often reminded of was a book written by Dr. Andrew Weil on self healing that I read long before in high school," he said. "It was about complementary and alternative medicine (CAM), and it actually mentioned Dr. D.D. Palmer treating people. This was my first introduction to chiropractic."

After seven years in the medical field, Jinpu decided to advance his knowledge in an area that had been fascinating him since his adolescence. "I started searching online to see what I could find about alternative and complementary medicine." Based on what he discovered, Jinpu was motivated to advance his own education in chiropractic, but the opportunity to learn more about chiropractic in China did not lend itself to those interested. Around the time he was considering chiropractic school, Jinpu met Dr. John Zhang, an associate research professor from Logan College of Chiropractic/University Programs.

Dr. Zhang, who received his medical degree from

the Third Military Medical University in Chong Qing, China, practiced internal medicine for eight years at the Norman Bethune International Peace Hospital and Hebei Medical College.

Inspired by Dr. Zhang's career path and interest in chiropractic, Jinpu made the decision to pursue a chiropractic degree, and in 2009, Jinpu traveled more than 7,000 miles in what would be his first trip to the United States.

A more complete picture

Immersed in his studies at Logan, Jinpu says the education curriculum is intense, but fascinating. Additionally, he is finding that chiropractic medicine and allopathic medicine are not all that different.

"We just approach it from different perspectives," he said.

In the chiropractic model, Jinpu said chiropractors are more likely to gain a complete picture of the body. He said that approach is quite different than what he was taught in medical school.

Jinpu uses the example of a tree to explain how he views allopathic medicine and chiropractic. He said chiropractic is like the trunk of a tree and allopathic is like the tree's branches and leaves. While allopathic medicine focuses more on detailed treatment, like the individual branches and small leaves, chiropractic approaches treatment using



Jinpu Lee (left) works with a patient in the outpatient consulting room in 2004 at Shanghai No. 6 People's Hospital located at Shanghai Jiaotong University.

"One of the things I hope to take away from my education at Logan is a different approach to the human body," he said. "I remind myself to stay open minded and absorb as much as possible."

a full-body approach, much like the body, or trunk, of a tree.

Jinpu said to have a solid understanding of both methods and approaches allows physicians and practitioners to make the best choice for their patients.

"The more research we have into one area, the better we can communicate with allopathic physicians and patients," he said. "What has always been important in my practice is making a diagnosis and deciding how to treat it. The diagnosis is always the same; the difference is how you treat that patient, and you need to be as informed as you can and make the decision based on the best interests of that patient."

A broader perspective

Jinpu said while he misses the people in Shanghai and practicing medicine, he

has enjoyed meeting patients and watching them get well. He also said the supportive network of people at Logan has helped him adjust to his new life as a student, which has, on occasion, raised questions among his group of friends in China and at Logan.

"My former colleagues in Shanghai asked me why I wanted to go to America to learn about chiropractic, and here, in America, my friends asked me why I want to leave the medical field and learn something that is different," he said. "I think all these questions

reflect some common misunderstanding about what chiropractic is. Chiropractic physicians are not different from any other health care provider in the sense of making a diagnosis."

Jinpu is expected to graduate from Logan in May 2013 and while he hasn't decided exactly where his career will take him after commencement, he certainly hopes his education will present some unique opportunities in the health care field, whether it's teaching, serving at a hospital or opening his own clinic. For the immediate future, he said he'd like to stay in the United States and focus on gaining more clinical experience as a chiropractic physician.

Jinpu said it has been a comfort to discover that the basic sciences courses he's taking at Logan are not much different from what he took in medical school. Though sometimes certain philosophies of chiropractic are hard for him to understand, Jinpu said he does not make judgments before he can fully understand it.

"One of the things I hope to take away from my education at Logan is a different approach to the human body," he said. "I remind myself to stay open minded and absorb as much as possible."

ASSESSMENT CENTER UPDATE

Logan Educational Wing Takes Shape



Construction of the new educational wing on the southwest side of the Logan's main administration building is on schedule for completion by the end of October.

Northstar Management Company's Project Manager Shawn Bailey, who is overseeing the project, said construction is going well.

"We're expecting substantial completion by October 31 with the goal of being fully functionally by January 2012," he said. "We are certainly on target to meet that expectation."

The multi-level facility will provide a stateof-the-art student assessment center and a new admissions/financial aid suite. The assessment center will allow students to make clinical observations and share techniques for improved patient outcomes. Additionally, it will allow students to transition from the classroom to the exam room in a real-time clinical assessment setting, thus ensuring that they possess expert knowledge of body mechanics and proficiency in chiropractic techniques.

According to Bailey, the 13,000-square foot structure is water tight and under roof. Last month, all brick work was completed along with the north wall and columns. Metal panels are being installed to give the structure its "high-tech" look and crews are starting interior work, such as painting and carpeting. This month, crews will begin making civil site improvements, including grading of the adjoining outdoor courtyard and concrete work for the fountain and benches.

Overall, Bailey said, only slight changes have been made from the original architect's

renderings. The rest of the construction is going according to plan, he said.

"We made some tweaks in the financial aid area to create a more open office format and allow a semi-private modular layout," said Bailey. "I think the students are going to be most impressed by how the classroom is configured. The acoustics are state of the art."

Additionally, Bailey said the financial aid and media room are being designed with a focus on prospective students. Features include a floor to ceiling glass window overlooking an outdoor plaza.

"It's such a pristine campus anyway so whether you're having a meeting in the financial aid suite or meeting with someone in admissions, it's really going to showcase the campus well and give Logan a leg up with their competition," Bailey said.



Our donors are the cornerstone of Logan's advancement and growth, and it is with your support we are able to provide the most modern facilities, demanding science-based curriculum and contemporary clinical instruction for our students. By investing in Logan, you become a part of Logan's long tradition of unmatched educational excellence, a hallmark of Logan for more than 76 years.

We encourage your continued support and commitment to our newest endeavor-the Logan Educational Wing Expansion—to further enhance the student clinical experience and provide the necessary tools and training for our future graduates. Naming opportunities are still available in varying amounts and gifts may be pledged over a two-year period, given in tribute or in memory of family or friends, or offered through a variety of charitable giving opportunities. For information, please contact Patricia Jones at 636-227-2100, Ext. 1905 or 800-782-3344, or via email at patricia.jones@logan.edu.

LOGAN PROGRAMS

Logan's Community-Based Internship Program Provides Students with Valuable Real World Experience



Logan Tri-10 student Josh Schmerge (at left) consults with Dr. Karl Makarewicz (center) and a patient.

While final-year students at Logan College of Chiropractic/University Programs are extremely fortunate to gain practical hands-on clinical experience at seven different Logan Health Centers, Logan recently added a new dimension to its clinical experience offerings. In 2010, Logan announced its new Community-Based Internship (CBI) Program through which students work and fulfill graduation requirements with a doctor of chiropractic in a private practice setting.

The goal of the CBI Program is to provide interns with an enhanced clinical education experience in which they observe, acquire and practice—under one-on-one expert supervision—the competencies necessary for entry-level chiropractic practice.

"The CBI program bridges the gap between the classroom and the college clinic, and private practice," states Dr. Michael Wittmer, Logan director of clinical care. "Through the CBI Program, interns get to work in a realworld setting and learn firsthand how to make a practice successful." Additionally, the CBI Program provides interns with the opportunity to see a wider variety of patients and cases; and also learn how to co-manage patient care with radiologists, physical therapists and primary care doctors.



Tri-10 student Josh Schmerge, who is currently doing an internship with December 1993 Logan graduate Dr. Carl Makarewicz in St. Peters, Mo., agrees that a private practice

Tri-10 student Josh Schmerge

internship builds on the Logan clinic experience.

"I spent two trimesters working in the Logan health centers and it was great," says Josh. "For my final trimester, I wanted to do an internship at a private practice to learn about the business side, such as billing, dealing with insurance companies, etc. Dr. Makarewicz, who is in practice with April 2007 Logan graduate Dr. Courtney Zindrick-Lehmen, adds, "I love the CBI program—it gives students practical, real-life experience and exposes them to the whole office environment. This type of program has been needed for a long time in our field."

Logan students in Trimesters 8, 9 and 10 who have met all the requirements for participation, are eligible to apply for an internship through the CBI Program. Students are selected based on how well their profiles and areas of interest match with a doctor in the program. Additionally, eligible students are also allowed to identify local doctors and submit their practice to the CBI Program staff for review and approval. In the fall of 2011, 60 students applied for internships with the CBI program and 20 were selected.

Tri-10 student Jeff King is one of those students who sought out a specific doctor and brought him into the CBI program.



"I was interested in Tri-10 student working with a doctor Jeff King who did a lot of active rehabilitation," he said, "so I did my own research."

Additionally, Jeff spent several days shadowing in the office of Dr. Joseph Sturges, who has a practice in St. Peters. Jeff was impressed with the doctor and approached him regarding the possibility of an internship.

"I got to know Jeff when he spent a few days here and I thought he could be a real asset to our office," said Dr. Sturges. Their good working relationship has now resulted in Jeff's second internship with Dr. Sturges.

Ideally, as a community-based internship progresses, it becomes a true mentoring relationship, which can add immeasurable value to the whole experience. "To be able to spend months working alongside a private practice doctor is the best way to train," notes Dr. Sturges.

Dr. Makarewicz, who is working with his third Logan intern, echoes that sentiment



Dr. Joseph Sturges (standing at right) observes Tri-10 Logan Jeff King as he adjusts a patient.

and adds, "I really enjoy working with the interns. It's great to be able to share what I have learned with them."

Both doctors and students alike agree that the key to a positive, productive internship experience is the fit between the doctor and intern. Dr. Sturges notes, "The match is critical to the success of an internship. And Logan really works hard to pair the right doctor with the right student."

Dr. Wittmer points out that the CBI Program also benefits participating doctors. He said having an intern in the office can help increase productivity. "They can participate in patient care, such as exams, re-evaluations and consultations, as well as handle some of the administrative duties, such as billing and insurance."

According to Dr. Wittmer, word of mouth about the CBI Program has been positive. "Among doctors, word is spreading and this will help the program to grow," he states.

In addition to the doctors and students, the other beneficiary of the CBI program is the chiropractic field itself, said Dr. Sturges. "This type of program is vital for our profession because it gives students the chance to work alongside good ethical doctors, to observe and be involved in very high quality patient care. So, when they graduate and go into private practice for themselves, they know the 'right' way to run an office."

On the Scene: Around Logan



- **3** Charles Portwood, DC (center) at Scott AFB with his former interns, now recent Logan graduates, Drs. Kevin Ward and Holly Tucker.
- 4 Dean's List honor recipients (left to right): Heidi Heath, Patrick Battaglia, Lacey Perrett, LaRissa Tilley and Ben Williamson.
- 6 Videographer Michael Chappell and Logan TV news correspondent "Carol Vainglorius" (admissions coordinator Carol Guntorius) interview a Logan student in the Purser Center lobby.

Evaluating Evidence

Logan faculty brings evidence-based research to students in a fun, interactive atmosphere



It's 11 a.m. on a Thursday and students are packing into Logan's Research Lab in room 118. They're here to listen to and participate in scholarly presentations by fellow students and faculty on the latest research findings in chiropractic and related health disciplines.

Dr. Rodger Tepe, dean of research and development, and Chabha Tepe, director of the Learning Resources Center at Logan, are the co-founders and faculty sponsors of Logan's Evidence-Based Journal Club. The purpose of the club is to present current research and to teach students how to read, understand and critically evaluate scientific journal articles.

"All serious academic institutions have Journal Clubs," said Dr. Tepe. "It gives students exposure to relevant scientific information that can stimulate their thinking and serve as a supplement to their classroom education. We want to develop information-literate students, who will become lifetime learners, by utilizing best evidence principles as practicing chiropractic physicians."

Before the Evidence-Based Journal Club was established last November, the Tepes

spent time researching existing journal clubs and structuring the club's mission, purpose and goals. "It didn't happen overnight," noted Chabha. "We reviewed and synthesized the best features of other journal clubs into a model that was the best fit for Logan's needs."



Tri-6 student Jonathan Emlet became an early club founder. "Developing the club was an intense and exciting process. I think it is vitally important for a doctor in any

Jonathan Emlet

field to be able to confidently search, find, and read current research," he said. "The chiropractic field is constantly changing with new research coming out every day. If we, as doctors of chiropractic, want to continuously provide the best care for our



Dr. Rodger Tepe (left) and Chabha Tepe

patients it is imperative that we stay up to date with the current literature." Today, Jonathan is President of the Journal Club.

The club is open to chiropractic students, faculty, practitioners and alumni, and draws anywhere from 20 to 40 members each meeting. It's a casual, yet engaging and informative atmosphere as attendees lunch on pizza while listening to volunteering students and faculty address topics, such as neuroplasticity and its



relationship to pain rehabilitation, the appropriate use of diagnostic imaging or the effect of epigenetics on health and illness.

Dr. Tepe said the meetings are organized so that the information is delivered to the students in a variety of methods.

"We always have our finger on the pulse of what's going on in chiropractic as far as pain, movement and neuromuscular skeletal phenomena, and we do our best to bring the newest research to our members," Dr. Tepe said. "We find out what new information the students are most eager to learn and is the most congruent with their chiropractic education. We want to 'wow' them with scholarly information that also has practical value."

Students say they like the information because it's topical, interesting and current. Tri-8 student Tara Adams said she enjoys being a part of the Journal Club because she has a logical mind and often likes to know why she's doing things. "I love having proof and evidence to back up what I'm practicing," she said. "It's so important."

Dr. Tepe said not all chiropractic schools have evidence-based journal clubs, however, he and Chabha have been doing their best to make a case for them at other academic institutions. During the recent ACC-RAC 2011 conference, the two submitted a workshop proposal on how to develop and conduct journal clubs.

The proposal was accepted and they had the opportunity to present a 90-minute workshop to a full room of attendees. Chabha said, "We addressed how journal clubs could be used to promote clinical applications of best evidence to improve patient outcomes, and stressed the importance of creating collaboration between research and library faculty."

Another benefit of the club is allowing students to become leaders in their fields. The club, notes Chabha, "gives those students presenting a forum for teaching, and an opportunity to share and apply what they've learned as well as strengthen their communication skills. For those attending, it's a chance to learn how to assess the validity and clinical relevance of research and engage in meaningful discussions about the latest scientific evidence."

Emlet said we must guard ourselves from becoming too comfortable with our knowledge and the way we practice with no desire to change, even when current literature may offer a more effective way of providing care. "Doctors of chiropractic must be confident in their plan and style of care, and being up to date with the latest scientific literature helps to provide chiropractic physicians with that confidence," he said.

Both Tepes are hoping to increase membership of the Journal Club and find

more ways to make the information accessible and convenient to students. One method that has proven successful is the creation of a Facebook account which has helped keep more than 120 of the site's fans engaged and informed.

"You have to speak a language that students can relate to, and we saw how many hours per week students spent on social media," Chahba said. "We thought Facebook was a good tool to reach out to students. Our page houses presentations from each meeting, links to articles, discussions and questions, and it serves as a portal for posting announcements as well as event and meeting notices."



Having a virtual platform where members can find out what is going on in the club, even when they can't always attend, has been essential for maintaining member involvement and recruiting new members.

For Emlet, he's not only excited to be part of a club that will help his career, but likes the idea of being involved in something that strengthens Logan and aids in the school's ability to remain at the top of chiropractic educational institutions.



On the Scene At Homecoming



The Logan College Alumni Association sponsored multiple events during the 2011 Homecoming including golf tips during the annual tournament scramble, a Corvette rally, featured singers, dancing and a special outdoor reception.

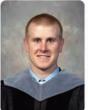








Class of August 2011



















Susan M. Dixson Educational Coordinator

Amanda M. Stolle Secretary

Derrick J. Benner President

Kevin P. Ward Vice President

Holly A. Tucker Treasurer

Jenna N. Gogel Educational Coordinator

Eric D. Dixon Athletic Coordinator



Demetrius L. Anderson



Robert D. Balza

Justin J. Bartlett

Courtney E. Bell



Joshua M. Bell



Chad M. Bigler



Jason J. W. Bradford



Garrett T. Bruni



Jeana L. Gifford



Christopher R. Gross

Jared M. Gullett

Jeremiah P. Mosher



Joel T. Gyimesi





Michael S. Harbison





Anthony M. Pasek

John M. Tyler

Jude A. Miller







Thomas S. Webb







Lydia D. Ogden







Jeffrey T. Yates

GRADUATION PHOTOS BY CLIFF POLLACK











Kate Padfield













John T. Werenski



Jessica M. Wheeler

Timothy J. Wilson



The August 2011 Logan honor graduates stand center stage during commencement at the Purser Center. (Left to right): Megan Florke, Lydia Ogden, Henry Krug IV and Timothy Wanninger-cum laude; Kevin Ward, Amanda Stolle and valedictorian Carolyn McGrath-magna cum laude.





Kristie L. Davis





Dean H. Powell









Julia B. M^cBride







Rebecca K. Sullivan

Timothy M. Plumley

Douglas A. Zobrist



Nicholas K. Poff





Nathaniel K. Ritchie







Carolyn L. M'Grath











Robbin R. Doermer

Chad J. Doles



Ashley L. Eavenson

Justin A. Felsman





Dean's List – Spring 2011

Ahearn, Ian P10TR
Althoff, Amber R6TR
Antoniotti, Steven A8TR
Baar, Cassandra Jean5TR
Bacon, Amber LeAnn8TR
Baker, Kathryn E10TR
Banks, Jaron M2TR
Barks, Emily Marie10TR
Battaglia, Patrick J6TR
Beard, Beau Ryan3TR
Bell, Darron Everett4TR
Benavides, Nikole L10TR
Bennett, Luke, A10TR
Berardi, Philip J3TR
Bergen, Jonathan C3TR
Bergmann, David T8TR
Berner, Blake K4TR
Binder, Jeffrey K4TR
Biondo, Jason G10TR
Blampied, Joseph P8TR
Blount, Whitney L10TR
Bodine-Lederman, Joshua M2TR
Brazier, Kristina Lynn10TR
Briggs, Shaun M8TR
Brink, Daniel A10TR
Buck, Laura Michelle5TR
Bushman, Brian G1TR
Cavallaro, Vincent, J1TR
Clarke, Jessie Kay5TR
Clements, John Graham1TR
Cooper, Jesse C6TR
Curry, Nicholas S10TR
Davis, Bonnie E10TR
Davis, Cory S2TR
Davis, Theodore W10TR
Dawson, Katelyn Ann8TR
Debs, Jaclyn L1TR
Dimitt, Kelsi Jenee'2TR
Dischler, Daniel, C8TR
Divan, Nicholas James2TR
Doiron, David G10TR
Donaldson, Kelly J8TR
Doster, Jake Hunter6TR
Dumond, Michael David7TR
Dunaway, Scott D5TR
Eberline, Thomas A10TR
Elson, Jonathan Lee8TR
Emlet, Jonathan4TR
Farnsworth, Trevor A2TR
Floarke, Megan K9TR

Ford, Tracy Marie	10TR
Forrest, Anthony R	7TR
Freseth, Tanya L	8TR
Gandy, Mary E	10TR
Gibson, Glenn M	3TR
Glazer, David A	8TR
Gliedt, Jordan A	8TR
Goehl, Justin M.	8TR
Goss, Megan E	10TR
Goul, Andrew M	8TR
Grammer, Joshua A	10TR
Griffith, Lisa A	8TR
Grogan, Scott A	8TR
Gullett, Jared M	9TR
Gustafson, Michael T	4TR
Guzman, Gregory T	1TR
Haggerty, Lena G	10TR
Hansmeier, Leon C	8TR
Harrington, MaryAnne M	8TR
Hartman, Heather C	1TR
Heath, Heidi Marie	6TR
Hecker,Emily M	10TR
Hickey, Sarah Nicole	
Hilton, Daniel Connor	1TR
Hoglen, Andrea R	10TR
Howland, Bryan T	3TR
Hummert, Brettany L	10TR
Hunter, Jeremy D	10TR
Hutti, Jonathan A	
Jameson, Jonathan D	
Johnson, Colby S.	5TR
Kager, Zachary R	2TR
Kauffman, David P	8TR
Kay, Saira J	8TR
Keefe, John H.	
Kennedy, Jared Ryan	10TR
Kenny, Louis Rhett	
Kiefer, Monica Rose	8TR
King, Jeffrey A.	8TR
Kite, Noel T.	5TR
Kling, Joseph D	
Krohn, Kathryn L.	8TR
Krug, Henry William	9TR
Kuhlman, Garrett J	
Laugle, Loriann Marie	7TR
LeBeau, Juliette A	
Leech, Jerry Dale	
Leible, Zachary C.R.	
Leitman, Eric Michael	
Li, Jinpu	

Lindenberger, Elyssa M8TR
U
Lofquist, Lorenelle
Lowers-Esmail, Nadia Rachael10TR
Lowey, Andrew M2TR
Mackie, Robyn Clair8TR
Mackner, Jordan H8TR
Madden, Ashley F8TR
Masucci, Michael L1TR
Mathis, Justin H 6TR
Matthews, Jill M2TR
Maxfield, Carolyn P6TR
Mayfield, Samuel R10TR
McClung, Mary K9TR
McGrath, Carolyn L9TR
Megquier, Nia M2TR
Merritt, Patrick L8TR
Mitchell, Alex D6TR
Moffitt, Bradley Steven2TR
Morris, Justin L1TR
Myers, James W10TR
Nash, Greg C2TR
Nelson, Tyler L1TR
Nielsen, Mitchell B4TR
Ogden, Lydia D 9TR
Ortman, Mathew Alan 2TR
Owens, Leah S2TR
Ozbourn, Jason Scott10TR
Page, Roy C5TR
Palm, Matthew A3TR
Pang, Elisabeth M7TR
Parker, Raquel M10TR
Parry, Lindsay K10TR
Patel, Mehal Devanand6TR
Patterson, Jordan Cole5TR
Paunicka, Elizabeth A8TR
Pendergrass, Natalie Brooke10TR
Perkins, Tyler J10TR
Perrett, Lacey Ann6TR
Peterson, Trevor J5TR
Pirigyi, Jason S8TR
Preneta, Michael A10TR
Quenzer, Elizabeth R8TR
Rahden, Lance S8TR
Rhoades, Benjamin F8TR
Richardson, Jennifer L8TR
Ritchie, Nathaniel K9TR
Roecker, Susan L8TR
Roesler, Kyle A8TR
Rooyakkers, Ryan A10TR
Samelak, Sharonrose A8TR

Sanders, Grant Steven	1TR
Sandheinrich, Ryan A	10TR
Schmerge, Joshua E.	8TR
Schmidt, Darcee A.	
Schmitz, Mark Ryan	
Schneider, Alyssa J.	
Schueneman, Anna C.	
Seibert, Christina R.	
Seigler, Jared A.	
Sermersheim, Nathan J.	
Severns, Shelly Ann	
Siepler, Daniel C.J.	
Simpson, Richard J.	
Slaughter, Scott E	
Smith, Amanda Marie	
Smith, Derek Parker	
Smith, Derek Dion	
Smith, Matthew C	10TR
Smith, Scott D	4TR
Sogard, Chelsea M	8TR
Sonquist, Todd J	4TR
Southworth, Nicholas A	10TR
Stevens, Trenton S.	10TR
Stinson, Aaron L.T.	
Stolle, Amanda Marie	
Sunner, Abbi N.	
Taute, Allison R.	
Taylor, Conrad M.	
Taylor, James Vincent	
Thacker, Dolphus A.	
Tilley, LaRissa M.	
Toler, Diana E	
Trager, Robert J.	
Tyler, Randi Rhae	
Vincent, Kyleigh S	
Wachtel, Nicholas R	
Ward, Kevin P.	
Washam, James Gregory	
Watters, Brian M	
Weessies, Daniel J	
Weessies, Kathryn E	10TR
Weisnicht, Eric M	1TR
Whedon, Andrea M	8TR
Willey, Bryne P	8TR
Williams, Jason B.	7TR
Williams, Joshua S	8TR
Williamson, Benjamin Paul	6TR
Witgen, Erica K.	8TR
Woodrow, Justin T.	
Yochum, Alicia M.	
Zajac, Jamie C	

FACULTY RETIREMENT



Dr. Gary Casper Leaves Lasting Impact on Logan

When Dr. Gary Casper retired from Logan College of Chiropractic/University Programs in June 2011, it was actually his second retirement.

Dr. Gary Casper addresses those gathered at a special reception to mark his retirement from Logan. Dr. Daryl Ridgeway, chair of Logan's Chiropractic Science division, is at right.

In 1989, Dr. Casper retired as Lt. Colonel from the Air National Guard. During his accomplished 22-year military career, he served as a fighter pilot and engineer for the Air Force, Navy and both the Wisconsin and Missouri Air National Guard. Dr. Casper spent 10 years in active duty, including one rotation in Vietnam.

When he left active duty in the early 1980s, he was 35 years old, with a lifetime still ahead of him. As for how this fighter pilot ended up in the field of chiropractic, Dr. Casper did what many people do who are looking to start a new career—he took an aptitude test. The results came back listing chiropractor as one of his top three "matches."

The rest, as they say, is history. Dr. Casper went on to attend Palmer College of Chiropractic and graduated in 1984, as the valedictorian of his 250-student class. In 1985, Dr. Casper joined Logan as a radiology resident under Dr. Norman Kettner. Four years later, in 1989, Dr. Casper was named Chairman of the Chiropractic Science Division, a position he held for 16 years.

In 2005, Dr. Casper stepped down as the Chiropractic Science Chair and remained



Dr. Gary Casper, his wife Dr. Rebecca Green and their children.

on staff as a full-time professor for the remainder of his time at Logan, primarily teaching advanced orthopedics and biomechanics. "At that point in my career, I wanted to focus solely on teaching and developing courses," Dr. Casper explains.

While his professional life had entered a new phase, his personal life had as well. Much to Dr. Casper's chagrin, his three children, Jonathan, Nicholas and Carla, were growing up fast. This fact weighed heavily in Dr. Casper's decision to take a leave of absence from Logan in the summer of 2010. After spending so much time with his children that summer, he started thinking seriously about retirement. During the 2010-11 school year, Dr. Casper made the decision to retire from Logan after 25 years of service—as well as leave the private practice he shared with Dr. Robert Kuhn, chairman of Logan's Chiropractic Science division, and Dr. Duane Marquart—in order to focus on the next chapter of his life.

This past summer, his family moved to Springfield, Illinois where Dr. Casper's wife, Dr. Rebecca Green accepted the position of pediatric endocrinologist at the Springfield Clinic.

"We traded a big, old, beautiful house in St. Louis for a big, old, beautiful house in Springfield," says Dr. Casper.

Though his busy schedule doesn't allow him much time to reflect upon his time at Logan, Dr. Casper does mention how much he always enjoyed the people at Logan—the faculty and staff in the office. "Many of these people are still really good friends," say Casper.

With his focus firmly on the present, Dr. Casper doesn't think too far down the road. Right now, he's simply enjoying the moment and his family.

LOGAN NEWS BRIEFS

- More than 52 prospective students and 113 visitors attended the June 25 Slice of Logan admissions event on campus. Alumni presenters included Logan graduates Dr. Dana Underkopfler-Mercer, assistant professor in the Chiropractic and Clinical Science Divisions (August 1998); Dr. Kern McMurtrie (December 2000); and Dr. Steve Clarke (December 1982).
- The Logan College Student Doctors' Council sponsored a movie night on July 12. This event was made possible by Logan alumnus Dr. Howard F. Loomis, Jr., DC, FIACA. Students watched the movie "Source Code."



The Logan College Alumni Association Board of Directors poses for a group photo at a special evening reception during Homecoming.

The Council also hosted a "Pineapple Fest" on July 15 at the Logan Pavilion with food, music and fun.



Field Day means good barbecue for Logan students.

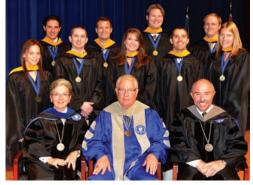
• Logan students participated in the biannual Field Day event held on July 20 on campus. Team events included: kickball, blind sand volleyball, soccertennis and tug-of-war.

- Logan hosted the Fifth Annual "Lunch on Us" event on July 27 in the Logan cafeteria. Faculty, staff and students enjoyed a free lunch served by Logan President George A. Goodman, DC, FICC, and senior Logan administrators.
- Logan launched a new redesigned website on Aug. 2. The new site features easier-to-use navigation and content with a direct link to social media. A calendar will also be integrated to help students and alumni plan for upcoming campus events and activities.

"Fredbird," the official mascot for the St. Louis Cardinals baseball club, made a special appearance at the Logan Admissions Department's June 25 "Slice of Logan" event on campus.



20 LOGAN COLLEGE OF CHIROPRACTIC/UNIVERSITY PROGRAMS



Drs. Elizabeth and George Goodman and Dr. Laney Nelson (front row, left to right) pose with some of the August 2011 Logan master's degree recipients.

• Logan College held its 165th commencement Aug. 20 in the William D. Purser, DC Center on the Logan campus. Sixty-six candidates received their doctorate degrees and 26 students received their Masters in Sports Science and Rehabilitation degrees from Logan. Logan President **George A. Goodman, DC, FICC,** and other college officials led the ceremony while Associate Professor **Daryl Ridgeway, DC**, chair of the Chiropractic Science Division, served as master of ceremonies. The commencement speaker was **Kent S. Greenawalt**, president and CEO of Foot Levelers, Inc., who received an honorary doctor of laws degree during the ceremony.



Dr. George A. Goodman (left) and Logan Board of Trustees' Chair Steve Roberts bestow an honorary degree on Kent Greenawalt.

Current Events

Nationally, a bipartisan group has urged the Pentagon to examine the chiropractic provider status. In an effort strongly supported by the American Chiropractic Association and the Association of Chiropractic Colleges, 15 members of the U.S. House of Representatives Armed Services Committee have requested that the Department of Defense address disparities in its treatment of doctors of chiropractic.

The Foundation for Chiropractic Progress recently published a white paper which highlights the value of chiropractic care in the next phase of health care delivery. The Patient-Centered Medical Home, which provides all-inclusive, improved primary care, is discussed in the paper as a way for primary care providers and Doctors of Chiropractic to work together and maximize results in the health care delivery process.

LOGAN in the . Community

This summer, Logan Health Centers' interns and practitioners were active throughout the community, providing free health screenings, participating in health fairs and presenting informative lectures at more than 30 locations. Event highlights included the Ronald McDonald House Charities Bike Ride in Forest Park, four American Cancer Society Relay for Life events, and three St. Louis Cardinals Redbird Rookies health fairs.

In response to the Joplin, Mo. tornado tragedy, Logan partnered with the American Red Cross and sponsored a special service trip. More than 43 Logan students as well as Dean of Student Services **James Paine** and **Robert Powell**, director of sports and activities, participated in a clean-up and rebuilding effort.



student news

August 2011 graduate **Dr. Holly A. Tucker** was accepted into the Internship Programme of the World Health Organization (WHO). Immediately following Logan's Aug. 20 commencement ceremonies, Holly traveled to Geneva, Switzerland to WHO Headquarters to spend 12 weeks under the supervision **Dr. Molly Meri Robinson Nicol**, 2007 graduate of Northwestern Health Sciences University (and the first ever DC student to be accepted as a WHO intern). Logan student **Beau Beard**, president of the Logan Sports Council, was featured in the Aug. 1 edition of the *Chesterfield Patch* online newspaper. Beau, who runs Castlewood State Park's trails three to four times a week, organized a "Clean Up, Castlewood" event on July 28 and invited his Logan classmates to participate.

FACULTY & STAFF in the News

Dr. Norman Kettner, professor and chair of Logan's Radiology Department, had a book review published in the March 2011 *Journal of the American Chiropractic Association Online* volume 48 No 2 of Skeletal Imaging: Atlas of the Spine and Extremities, 2nd Edition by Taylor, John AM; Hughes, Tudor H; Resnick, Donald; Maryland Heights MO, Saunders/Elsevier.

Dr. Kettner was also featured in an MRI update article on the American Chiropractic Association website.

Dr. Cheryl Hawk, Logan's director of clinical research, had two articles accepted for publication in professional journals, *Preventive Medicine* and the

Journal of Complementary and Alternative Medicine. Both articles address the topic of chiropractic's involvement in prevention, health promotion and wellness.

Jeffrey S. Ware, DC, DABCI, a faculty member and the clinician at Bogey Hills Health Center, has been elected as president of the ACA Council on Diagnosis and Internal Disorders. This council focuses on promoting and educating Doctors of Chiropractic in the field of primary care.

Logan faculty member **Dr. Patrick Montgomery** has been named the President-Elect of the Missouri State Chiropractic Association (MSCA) for a one-year term. Dr. Montgomery will then serve a two-year term as MSCA president.

Dr. Dan Haun of Logan's Radiology Department attended the American Institute of Ultrasound in Medicine annual convention in New York City,

Aluminotes

Congratulations to...

Class of September 1967

Dr. Howard F. Loomis, Jr., who was presented with the Logan Alumni Association's President's Award. Dr. Loomis was honored for his outstanding dedication to Logan, the Alumni Association and the chiropractic profession.

Class of December 1982

Dr. Steven Clarke, who was named Logan "Alumnus-of- the-Year." He currently serves as president of the Association of New Jersey Chiropractors.

Class of April 1993

Dr. Todd W. Austin, who is the official team chiropractor for the Springfield Foxes, a semi-professional football team from the Mid States Football League, and Todd's wife **Eugena B. Austin**, who is the official massage therapist for the team.



Dr. David Poe (left) and Dr. Alan Epstein. **Dr. Alan Epstein**, who was named to a two-year term as Logan Alumni Association's new president.

Class of August 1997

Dr. Kevin Winkle, who was appointed as the staff chiropractic physician at the John J. Pershing Medical Center in Poplar Bluff, Mo. Dr. Winkle is

the first chiropractor to work at the Center and is in charge of setting up a new chiropractic department within the facility.

Class of April 2003

Dr. Brett Winchester, Logan

rehabilitation instructor and co-owner of Winchester-Hilgefort Spine & Joint Center in Troy, Mo., and his wife Cheri, on the birth of their son Wade Thomas, who joins his sister Grace in the family. April 14-17, where a Logan poster was presented.

Spine has accepted **Drs. Eve Bonic** and **Dr. Norman Kettner**'s case report "A Rare Presentation of Cervical Osteochondroma Arising in a Spinous Process."

Dr. Michael Wittmer, chief of clinical services, has been named the director of clinical care, overseeing the entire Logan Health Center system.

Logan has named **Dr. Carl Saubert**, associate vice president of academic affairs, as the acting vice president of academic affairs.

Thomas F. Keller, formerly associate vice president of public relations, has been named associate vice president of integrated marketing and communications. He reports to Dr. Boyd Bradshaw, vice president of enrollment management.

Cheri is an account supervisor at Common Ground Public Relations, which assists Logan in the development of *The Tower*, *Logan Speaks* and annual report publications.

Class of December 2005

Dr. Corey J. Modrell, who was named "Colorado's 2010 Rising Star Chiropractor of the Year" and "Best Chiropractor of the Valley" for 2010.

Dr. Jennifer McCleary, who served as an on-site doctor of chiropractic for the TV show, "Dancing with the Stars."

Class of August 2009

Dr. Jason Alviene and Dr. Catherine Prann on the birth of their baby girl.

Alumni News

At the June 25 annual Logan Alumni Association general business meeting, held during the 2011 Homecoming, all STAR donors presented \$4,207 to Logan departments, including the Chiropractic Science Division, Learning Resources Center/Clinical Science Division, Information Systems, and Media and Educational Wing.

The faculty of Logan's Department

of Radiology has submitted a record number of case studies and research papers for the 2012 ACC RAC Conference convening in Las Vegas, Nevada. ACC-RAC 2012 is the combination of the Association of Chiropractic Colleges (ACC) meeting and scientific/educational conference, which emphasizes educational structure, administration, teaching, and peer reviewed presentations, and the Research Agenda Conference (RAC), which focuses on the development of scientific knowledge, skills, and attitudes through workshop sessions. The submissions will undergo peer review and selection for the 2012 ACC RAC conference will be announced later this year. One of the submissions is co-authored with faculty from Harvard Medical School and the Athinoula A. Martinos Center for Biomedical Imaging, a collaboration developed more than 10 years ago.

Kettner NW, Maeda Y, Sheehan J, Kin J, Li A, Audette J, Napadow V: Structural neuroplasticity in carpal tunnel syndrome: evidence for cerebral cortical thinning

Bonic EE, Haun DW, Cho JCS, Clark TB, Kettner NW: Sonography of the normal anterior talofibular ligament

Kaeser MA, Haun DW, Kettner NW: Flow mediated dilatation: an endothelial vascular biomarker

Kaeser MA, Haun DW, Perillat MM, Kettner NW: Thyroid hemiagenesis: a sonographic diagnosis

Reckelhoff KE, Spath D, Bonic EE Haun DW, Kettner NW: Neglected partial achilles tendon tear: monitoring with us-mri fusion technology and serial us imaging

Haun DW. Bonic EE, Clark TB, Kettner NW: Grayscale and doppler ultrasound in carpal tunnel syndrome: a case report

Logan Announces New Hires



Juliette Losapio, interactive media manager





Logan College of Chiropractic Expresses Sincere Sympathy to...

Class of February 1949

The family of **Dr. Richard F. Bol**. Dr. Bol passed away on July 14. Before his death, Dr. Bol was honored by the Minnesota Chiropractic Association's Board of Directors with a special Lifetime Achievement Award.

Class of September 1956

The family of *Dr. Wallace "Doc" John Kummet.* Dr. Kummet passed away on May 4.

The family of **Dr. James A. Mertz**, whose career included leadership roles with several of chiropractic's major professional organizations including the Council on Chiropractic Education, Federation of Chiropractic Licensing Boards and American Chiropractic Association, passed peacefully at his home in Albuquerque, N.M., on June 10 at the age of 75.

Class of March 1957

The family of **Dr. Theodore W. Bouchard**, 79, who passed away on Jan. 5. Dr. Bouchard practiced for almost 50 years in Queens, N.Y. His daughter, **Dr. Teresa Bouchard**, and his son-in-law, **Dr. Robert Goebel**, are both chiropractic physicians. He is survived by his wife, Phyllis Bouchard, four children and seven grandchildren.

Class of September 1962

The family of **Dr. Richard Conway**. Dr. Conway passed away on Aug. 16. Dr. Conway practiced in Edgerton, Wisc., and is survived by his wife, Elizabeth (Betty) Conway; and son and daughterin-law **Dr. Steven** and **Dr. Cindy (Stolle) Conway**, who both graduated from Logan in 1983; sons Peter and William Conway; and daughter Susan (Soderholm) Conway.

Class of December 1985

The family of **Dr. Thomas Lehman**, 49, who passed away on Feb. 4. Dr. Lehman practiced chiropractic for 25 years in Albuquerque, NM. He is survived by his wife Mary (Bauer) Lehman and daughter, Chelsea Lehman; mother, Kathryn Lehman; brother **Dr. James Lehman**, who graduated from Logan in September 1972; brothers John and Joseph Lehman; sisters Cathy Behrmann, Susan Cannady and Linda Macke; and numerous nieces and nephews.

The family of **Dr. Tracy Miller**.

Dr. Miller, who was a fourth generation chiropractor, passed away at age 52 after a long courageous battle with cancer.

Class of August 2009

The family of **Dr. Jason Klostermann**. Dr. Klostermann recently passed away and is survived by his wife Pamala, and children Kami and Kody Exler.

Joanie Schmelig, a longtime friend of Logan and president of the Chesterfield Chamber of Commerce for many years, passed away Aug. 6. Joanie was named Chesterfield's 2010 Citizen of the Year and made many humanitarian contributions to the community.

CONTINUING EDUCATION

Upcoming POSTGRADUATE Seminars

All seminars are on campus unless otherwise noted

October 1-2 Neurology Certification Program Instructor: William Huber, DC, DACAN, DCBCN, MS

Advanced Acupuncture: Chinese Herbs Part I Instructor: Zev Myerowitz, DC, Dipl.Ac.(NCCAOM), L.Ac, DABCA, FICC

October 8-9 Biomechanics, Biomechanical Distortions and Corrections Instructor: Howard F. Loomis, Jr., DC, FIACA

Certified Chiropractic Sports Physician®

Session #1 – Overview Instructor: Marianne Gengenbach, DC, DACBSP®

October 15-16 Laser Certification Program #2 Instructor: Nelson Marquina, DC, PhD.

Basic Acupuncture #1 Instructor: Dennis Baker, DC, FIAMA, FASA

Contact the Logan Postgraduate Department at **1-800-842-3234** for additional information on all seminars. October 22 Chiropractic Assistant Program #2 Instructor: Courtney Zindrick-Lehmen

October 22-23 Whiplash Certification Program Session #6 – Cervical Biomechanics & Specific Adjustments Instructors: Ralph Barrale, DC & Ralph Filson, DC

Energy Medicine Instructor: Nelson Marquina, DC, PhD

October 29-30 Neuro Functional Fitness Instructor: Laura Hanson, DC, DICCP, NDT

November 5-6 Neurology Certificate #2 Instructor: William Huber, DC, DCBCN, MS

Advanced Acupuncture – Chinese Herbs Part 2 Instructor: Zev Myerowitz, DC, Dipl.Ac (NCCAOM), L.Ac., DABCA, FICC

November 12-13 Unique Options 2011 Multiple Instructors November 19 Chiropractic Assistant Program #3 – Insurance Billing and Coding Instructor: Courtney Zindrick-Lehmen, DC

November 19-20 Whiplash Certification #7 – Treatment & Rehab of the Cervical Spine Injury Instructor: Mario Fucinari, DC, CCSP®, MCS-P

Basic Acupuncture #2 Instructor: Dennis Baker, DC, FIAMA, FASA

December 3-4 Neurology Certificate #3 Instructor: William Huber, DC, DCBCN, NS

Detect and Treat Viscero-Somatic Stress Instructor: William Austin, DC & Dennis Frerking, DC

Science, Subluxation, Nerve Interference & Clinical Practice Instructor: Steve Troyanovich, DC Please Note Location: Paducah, KY

December 10-11 Musculoskeletal Diagnostic Ultrasound, Physical Exam and Care of the Extremities Instructor: Daniel Haun, DC, DACBR & Mitch Mally, DC

Basic Acupuncture #3 Instructor: Dennis Baker, DC, FIAMA, FASA December 17 Chiropractic Assistant #4 – The CA as Office Manager Instructor: Theresa Powell

December 17-18 Whiplash Certification Program #8 – The Trial Experience Instructor: Mark Floyd, JD

Certified Chiropractic Sports Physician #2 – Elbow, Wrist and Hand Instructor: Laney Nelson, DC, DACBSP®

January 7-8, 2012 Insurance Consultant/Peer Review Certification #1 Instructor: Mario Fuciniari, DC, CCSP[®], MCS-P

Whiplash Certification Program #2 – Review of Injuries Following MVA Instructor: William Huber, DC, DACAN, DCBCN, MS

January 14-15, 2012 Basic Acupuncture #4 Instructor: Dennis Baker, DC, FIAMA, FASA

Neurology Certificate Program #1 Instructor: William Huber, DC, DACAN, DCBCN, MS Please Note Location: Cincinnati, OH

January 21, 2012 Chiropractic Assistant #5 – Anatomy and Physiology Instructor: William Huber, DC, DACAN, DCBCN, MS

Certified Chiropractic Sports Physician #3 – Leg, Ankle, Foot, Gait Analysis Instructor: Kevin McClain, DC

January 28-29, 2012 The 5 Principles of Vibrant Living Instructor: Michael Thompson, DC

While every attempt is made to offer each program as announced, program faculty, locations, dates and tuition rates are subject to change if unforeseen circumstances arise. Pre-registered participants will be notified of changes. Logan College is not responsible for any expenses incurred as a result of program adjustments or cancellations.

THE LOGAN DIRECTORY

The directory is intended to help make it easier for alumni to stay in touch with Logan College. We look forward to hearing from you via email, Facebook and Twitter.

Logan College's toll-free phone numbers are:

(800) 782-3344 (Main Switchboard)

(800) 533-9210 (Admissions Office)

(800) 842-3234 (Postgraduate Department)

In the St. Louis area call (636) 227-2100.

E-mail contact for *Alumni Notes* items for *The Tower:* tower@logan.edu

Also, please visit the college website at www.Logan.edu, Facebook page at www.facebook.com/loganchiro and Twitter at LoganChiroUniv. Make purchases from the Logan Bookstore by visiting the store's Web page at www.loganonlinebookstore.com.

Logan Alumni Association:

membership and association services information; information about Logan's annual Homecoming and Class Reunions. Room 110 (636) 227-2100, ext. 2401

To rent the William D. Purser,

DC Center for wedding receptions, lectures, business meetings, private parties or community events, please contact Emily Ratliff, Purser Center event planner, by phone 636-227-2100 ext. 1881 or fax 636-207-2411. Purser Center rental is available to the Logan family and for public use.

College Departments Assisting Alumni

Admissions Office: information about enrollment at Logan and contacts for prospective student referrals

Archives: information about the history of Logan College and the history of chiropractic

Bookstore: services for alumni wishing to purchase books, office supplies, Logan College apparel and novelty items

Career Development Office: associateship listings and practices for sale

Financial Aid Office: student loan repayment information

Health Center: appointments for professional courtesy adjustments for alumni

Health Centers Marketing Department: sample marketing materials used by the Logan Health Centers are made available to Logan alumni upon request. Materials include: new patient marketing planner, introduction to marketing and media booklet and lecture templates.

Human Resources: recently posted faculty and staff position openings

Institutional Advancement: information about the college's fundraising campaigns and assistance with general donations and contributions to be targeted for specific purposes, such as scholarships

Learning Resources Center: literature searches; other research-related assistance

Postgraduate Department: information and registration for license renewal seminars and postdoctoral specialty programs

Integrated Marketing and

Communications: information about Logan College for the media and for the general public

- **Radiology Department:** information about services related to diagnostic imaging
- **Registrar:** academic credentialing information, records information and transcript services
- **Research:** current research underway by Logan faculty and the Logan Research Division
- **Student Services Office:** posting of part-time job notices from alumni on student bulletin boards

DEPARTMENTAL FAX NUMBERS

Admissions (636) 207-2425
General Support Services (636) 207-2424
Health Center (636) 207-2404
Institutional Advancement (636) 207-2402
Learning Resources Center
Postgraduate and Continuing Education (636) 207-2400
Integrated Media and Communications (636) 207-2402
Radiology (636) 207-2429
Registrar
Research (636) 207-2417

Logan College of Chiropractic/University Programs is an equal opportunity institution with a strong commitment to the achievement of excellence and diversity among its students, faculty and staff. Logan College of Chiropractic/University Programs does not discriminate on the basis of race, color, religion, age, disability, gender or national origin or any other legally protected status in admissions.



THE TOWER

1851 Schoettler Road PO Box 1065 Chesterfield, MO 63006-1065

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