



TRANSITIONS

Spring 2002

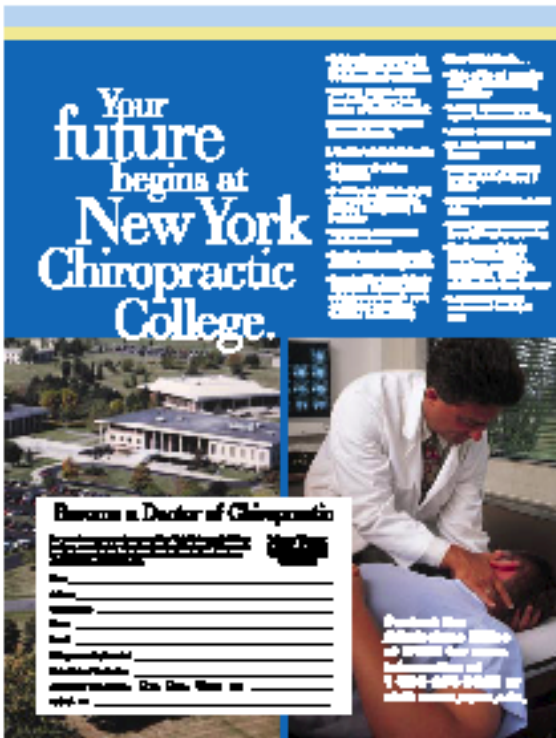
Energy Medicine Comes of Age

Interview: Commissioner
U.S. Social Security

NYCC's Internship at
Bethesda Naval Hospital

A Symbol of Unity is
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NYCC Professor Tells
Danes About
Chiropractic in America



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INSIDE THIS ISSUE

President's Council	4-5
Health Centers	12-13
Energy Medicine	14-23
Public Education Committee	24
Spectrum	25-28
Postgraduate and Continuing Education	29-31
News Briefs	32-37
Research Roundup	38-41
Trustees' Profile	42
Faculty Spotlight	43
Talent Pool	44-47
Commencement	48-49
What's News	50-51
Enrollment Management	52
Scholarships	53
Career Development Center	54

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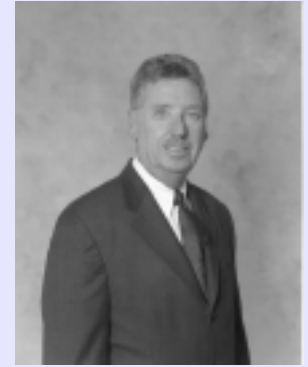
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a message from THE CHAIRMAN OF THE BOARD of trustees



Dr. Peter Ferguson, Chairman
of the Board of Trustees

Exploring A Bio-electric Frontier

The current edition of *Transitions* highlights the body's energy systems. In doing so, the cover refers to these energy phenomena as *The Body Electric*, drawing attention to the fact that humans join all living systems in their ability to convert energy to productive uses. Though researchers may not yet fully comprehend the specific energies involved, nor understand the dynamics supporting the many processes at play, it is nonetheless critical that we continue our investigation of life's fundamentals. The answers we uncover will likely mirror the questions we pose. Therefore, we must approach the subject deliberately and strive not merely to label the energies engaged in the business of life, but perhaps even question what it means to be alive.

Such inquiry may demand that chiropractors, psychologists and physicists join hands and straddle their respective disciplines in an effort to offer up meaningful responses. If so, wonderful!

Humans find comfort in their labels. Yet, in the end it matters little whether one calls the forces that generate life prana, or electricity, elan vital, or life force. *Transitions* has attempted to trace lines of research that include those people who have painstakingly isolated and measured the forces that attend life. A special few have succeeded in implementing practical solutions based on their exploration of bodily energy systems. And though opportunities spread themselves before us, we are uncertain which discoveries will yield practical benefits: Dr.

Zimmerman's measured magnetic fields? perhaps Becker and his direct current/superconductivity? or Dr. Burr and his electrodynamic fields? Each of these people exhibited a curiosity that drove him to pose questions, and each displayed the courage to actively search for answers. More importantly, perhaps, chiropractors have long numbered among those who stepped forward and asked the tough questions. They demonstrated an enthusiastic open-mindedness during the profession's early beginnings. Today's chiropractors are uniquely positioned to take the lead in research and treatment, and to view living systems in ways that better reflects life's true nature. Such a perspective is bound to yield superior treatments.

Publisher Donates Copies of Dr. Taylor's Textbook

Publisher WB Saunders has provided each of NYCC's outpatient health centers with an edition of radiology text *Skeletal Imaging: Atlas of the Spine and Extremities*, co-authored by NYCC faculty member Dr. John Taylor. The text is an excellent reference for both interns and practicing chiropractors, and will be available to the interns at their respective clinic libraries. The accompanying photograph shows Dr. Taylor (far left) donating his text to health center directors (left to right) Drs. Joseph Pfeifer, Robert Ruddy, Matthew Coté and Vincent Loia.



President's Council 2001

This esteemed fellowship is composed of persons and organizations who provide gifts of \$1,000 and more each year to assist the College in continuing the school's leadership as the premier Chiropractic College. Their contributions establish them as outstanding leaders, not only in chiropractic education, but in the healthcare realm as well.

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President's Council 2001

Ronald G. Manoni, D.C Earns President's Council Salute

by Randy John, 9th Trimester

"Coming to the office is never work!"

It takes little time in conversation with Ronald G. Manoni, D.C., to realize that he loves chiropractic. As an April 1981 graduate of NYCC, Dr. Manoni has spent 21 years as a practicing chiropractor, yet his enthusiasm and passion for the profession show no signs of waning. Perhaps it is because he himself was helped by a chiropractor. A former high hurdler, he experienced the positive impact of chiropractic treatment in overcoming back pain. His father, too, received beneficial chiropractic care for back pain during the same time.

However, Dr. Manoni's road to NYCC was a circuitous one. With a bachelor's degree in psychology, he initially pursued his master's degree in the same field, then switched to a master's degree in business, and after another detour or two he eventually wound up pursuing chiropractic at LACC. Marriage brought him back to the East Coast a year and a half into the program, and he completed his D.C. degree at NYCC. Now, married for 24 years to a physical therapist, the couple enjoy their 14-year-old son, who is a champion swimmer in the state of Connecticut. Dr. Manoni

clearly enjoyed participating in a triathlon with his son two years ago. Each earned first place in his age division. Aside from competing in triathlons, he also enjoys skiing, scuba diving, and big-game hunting.

Dr. Manoni's office is located in Connecticut, where he averages 225 patients each week. He has a CCSP, and he utilizes Cox protocols as one of his major treatment interventions. As with many practicing chiropractors, he is frustrated with the current state of insurance paperwork and reimbursement. Nevertheless, in a straightforward manner he states, "We need to stop complaining and focus on all the positive

He is also a past president of Connecticut's Chiropractic Association. His service with the Connecticut association provided him with a larger perspective, and helped to shape his opinions regarding where chiropractic is headed.

Dr. Manoni recognizes both hurdles and opportunities spread before the profession. The constant rancor within the chiropractic family disturbs him. "We need to allow for a broad variety within chiropractic. Diversity is a strength," he observes. Dr. Manoni also believes that more chiropractors need to involve themselves beyond their mere practices, noting, "Twenty per-



Dr. Ronald G. Manoni

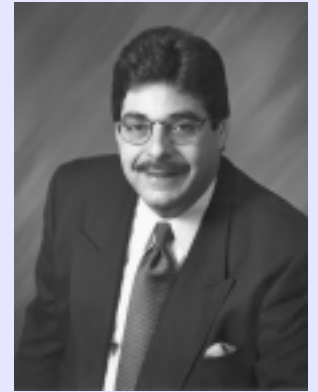
Contributing to NYCC as a President's Council member for the past two years is simply one way he affirms chiropractic's positive aspects.

things that are happening in chiropractic." Contributing to NYCC as a President's Council member for the past two years is simply one way he affirms chiropractic's positive aspects.

cent of the people do eighty percent of the work. We have the potential to have much more impact than we currently do."

When asked for words of encouragement or advice to

Transitions' readers, he offered: "First, be the best clinician you can be. Work hard at it! Second, it's also important to be the best communicator possible. We need to be able to clearly communicate to others what we do, and to dialogue intelligently. And finally, always look like a professional, even when you're not in your office. Dress like a doctor, not like a schlep – you can quote me on that – because no matter where you are or what you're doing, you are a representative of chiropractic. People will judge you, so make sure it's a positive judgement."



Dr. Frank Nicchi, President

We need your help ...

by President Fank J. Nicchi, D.C.

Our progress relies on the generosity of alumni and friends who support our commitment to quality chiropractic education and research. Acceptance of chiropractic has never been greater! The profession recently achieved greater recognition through Department of Defense and VA legislation, and the College, too, has enjoyed dramatic progress over the past year. I remain committed to continued advancement as we consistently attract the profession's best and brightest students —

providing them with the finest chiropractic education available. We rely heavily on your generosity in order to maintain our academic excellence, student scholarships, public education programming and chiropractic research.

Recent reports in the news media have discussed how colleges' operating budgets are facing increased pressures. The cost of essential items such as research labs, distance learning facilities and library materials is escalating rapidly. Tuition, alone, cannot meet these added expenses. As costs have risen, student enrollment at chiropractic colleges has steadily fallen. In fact, chiropractic student enrollment has declined 27% nationwide from 1996 through 2001. NYCC has not been immune to the enrollment challenges in the field of chiropractic education.

I am fully aware and sensitive to the financial challenges many of you - our alumni and friends - are facing in practice these days. The College is making every effort to assist by supporting public and professional education and research initiatives designed to raise awareness of chiropractic and increase its utilization.

What can you do? Watch your mailbox! You will soon be receiving an attractive poster, *Your Future Begins At New York Chiropractic College*, for display in your chiropractic office waiting room. Each poster provides tear-off postcards for anyone who might be interested in learning more about a career in chiropractic and attending the New York Chiropractic College. Along with the poster, we will enclose *Progress in Motion*, our Annual Giving Fund brochure that highlights the many exciting initiatives and accomplishments at NYCC.

We look to you and urge your active support in these efforts to include both student referrals and financial contributions. Please join us as we embark upon an exciting course of expanded chiropractic opportunities in the military, hospitals and elsewhere. I firmly believe, there is no better time to be a chiropractor! Thank you and God bless you.

A Letter to the President

Dear Dr. Nicchi,

On Sunday, December 2, our son, Joshua Nikkanen graduated from NYCC. Many family and friends were able to attend and I must tell you that each and every one of us were so impressed with all the details that were so carefully planned and carried out.

Words seem so inadequate to express how we felt.

The awards ceremony was magnificent. We were impressed with the decorations and beautiful red, white and green floral arrangements. The food served afterwards was amazing.

The actual graduation ceremony was spectacular. Each segment was well orchestrated and meaningful. Truly it was a graduation that made all the graduates and their families feel honored. And again, the luncheon to follow was wonderful.

All the staff and faculty were so kind, helpful and very friendly. I enjoyed meeting some of the instructors and staff members. It was nice to put faces to all the many people who have been such an integral part of Joshua's life.

We will never forget your kindness, hard work and care. You have all invested so much into the lives of the graduates. I know they will not let you down.

Thank you so much. May God richly bless you.

Sincerely,

Reijo and Dale Nikkanen

NYCC Attends First Ever ACC/RAC VII Conference

by G. Lansing Blackshaw, Ph.D., Executive Vice President/Provost



Dr. G. Lansing Blackshaw
Executive Vice President/Provost

During the week of March 11–16, I was in New Orleans, primarily to attend and participate in the first-ever joint ACC/RAC VII Conference. Attendance at the Conference was well over 300, including representatives from all U.S. and Canadian chiropractic colleges, NIH, NBCE, FCLB, NCMIC, the CCE (Board and Commission on Accreditation), research institutes, consulting organizations, book publishers, chiropractic student loan providers, and international educational and professional groups.

Most of the individuals to whom I spoke stated that the Conference was the “best yet” in terms of breadth of content, quality and importance. Previously, RAC (Research Agenda Conference) and ACC (Association of Chiropractic Colleges) meetings had been held separately at different times of the year, but both events typically would feature many of the same participants. The joint Conference created an ideal synergy and opportunities for professional interactions that had not existed before.

NYCC folks distinguished themselves in both the academic and research venues of the Conference. Eight of the 63 platform paper presentations were by NYCC faculty and staff. These included: Motor Excitability Changes Associated with Lumbar Spine Manipulation: A Transcranial

Magnetic Stimulation and Reflex Study (J. Donald Dishman, Kevin Ball, and Jeanmarie Burke); Live Lecture, Interactive Video Conferencing, and On-Line Learning Compared: Is There a Difference in Learning Outcomes? (Margaret M. Finn, Elizabeth D. Larzelere, Bethyn Boni, and Jeanmarie Burke); Teaching Ethics with Attitude (Christopher J. Good); Clinical Evaluations of Chiropractic Student Interns (Dennis M. J. Homack); Facing Issues in the Delivery of Instruction Through Interactive Video Conferencing (Elizabeth D. Larzelere and Margaret M. Finn); The Use of Diagnostic Ultrasound Imaging in the Verification of Trigger Point Diagnosis: A Blinded Study (Veronica M. Sciotti, J. Donald

(Janeen Wallace). Abstracts of these papers appear in *The Journal of Chiropractic Education*, Volume 16, Number 1, which was published in March 2002.

In addition, three poster presentations were the work of NYCC people: Outcomes Assessment Using the Derifield-Thompson Leg Length Analysis (Dennis M. J. Homack); Enhancing Instruction: Current Trends in Pedagogical Research and Praxis (Judy M. Silvestrone); Leg Length Inequality Case Study: A Comparison of 3-D Gait Analysis with Clinical Findings (Scot P. Woodward, Matthew S. Cowley, and Kevin A. Ball). It should be noted that Scot Woodward is currently an 8th Trimester student at the College and the

poster presentations, Chris Good led a RAC workshop on Faculty Evaluation: A Foundation for Professional Success. Don Dishman discussed his special area of expertise – neuroscience – as a member of a group of Plenary Session speakers whose purpose was “to succinctly summarize what is going on in six important areas of knowledge that is certain to have an impact on chiropractic education and practice.” Also of interest is that J. Clay McDonald, the newly appointed Dean of Academic Affairs at NYCC, co-authored and presented a paper entitled *The Health Portability and Accountability Act of 1996: Standards for Privacy of Individually Identifiable Health Information (45 CFR Parts 160 and 164) and Chiropractic Colleges, Their Clinics, and Research Facilities*.

At the Chief Academic Officers meeting that took place at the Conference, we were introduced to a recent publication, *A Model Course for Public Health Education in Chiropractic Colleges: A User’s Guide*. This 70+ page manual is a collection of the background, educational tools, assessment results and recommendations for educational content in a course or series of courses that could be offered as part of a chiropractic curriculum. The project to develop the

NYCC folks distinguished themselves in both the academic and research venues of the Conference.

Dishman, Scot P. Woodward, Veronica L. Mittak, and Lillian Ford); Technical Standards for Admission and Retention: Case Studies in Application (Judy M. Silvestrone); and Management of Idiopathic Scoliosis Based on the Treatment Recovery System: A Case Study

recipient of an EIC/ACC Research Scholarship. Like the papers above, abstracts of these poster presentations also appear in the March 2002 edition of *The Journal of Chiropractic Education*.

Beyond the formal paper and

Continued on page 9

NYCC Selects McDonald To Serve As Academic Dean

New York Chiropractic College has a new Dean of Academic Affairs. Dr. J. Clay McDonald assumed his position as NYCC's academic dean April 8, bringing with him extensive experience as a clinician, educator and college administrator. He is accompanied by his wife of twenty years, T.J. Crane McDonald, an M.S.W. currently working back in Indiana as an administrative clinician in an agency dealing with kids and young adults at risk. This past December, Dr. McDonald received his Juris Doctor degree together with certificates of concentration in the areas of Healthcare & Elder Law, and Alternative Dispute Resolution. In addition, he has earned a D.C. degree from Logan College of Chiropractic, an M.B.A. degree from St. Ambrose University, Davenport Iowa, and a B.S. degree in Human Biology from Logan College of Chiropractic. His impressive postgraduate credentials include a Diplomate from the American Chiropractic Rehabilitation Board. Asked why he pursued a law degree, Dr. McDonald responded that legal training helps to improve critical thinking and provides cross-linking skills that may prove useful in building bridges with other professions. In addition, the legal training helps him to better understand the many regulatory issues relevant to professional education. The M.B.A. arms McDonald with more than an ability to understand financial reports. His powerful blend of business and legal acumen helps the new academic dean enjoy a vantage point that enhances his understanding of human behavior. A strong believer in the value of effective management, he explains: "There is wonderful promise (and power) in good leadership. Often leadership manifests itself in an ability to profoundly influence ethical, if not charismatic, commitment and vision."

McDonald's teaching experience will serve him well in his faculty supervisory role. While employed at Palmer College of Chiropractic he had served as Associate Professor and as Special Advisor to Palmer's president. He also headed the school's clinics – overseeing the delivery of quality chiropractic care to



Dr. J. Clay McDonald

over 500 patients per day. As an administrator Dr. McDonald worked with experts widely known both within and outside the chiropractic profession, including Don Betz, Ph.D., Dr. Virgil Strang and Dr. Bill Meeker. Dr. McDonald's many published articles have appeared in such periodicals as the Journal of Neuromusculoskeletal System, the Journal of Sports Chiropractic Rehabilitation, the International Chiropractic Association Review, the Palmer Journal of Research and the Clinical Educations Associates.

Dr. McDonald is well acquainted with the business side of chiropractic, having run his own practice in Eureka, Montana, from 1982 until 1990. The practice evolved into a multidisciplinary clinic involving physicians, physical

therapists and others.

An active member within the chiropractic profession, Dr. McDonald is past president of the Council on Chiropractic Rehabilitation and Physiological Therapeutics and holds chiropractic licenses in Indiana, Iowa and Montana. He previously served as vice president of the Chiropractic Rehabilitation Association.

McDonald says he anticipated NYCC would be a small attractive, campus with visionary faculty, staff and administration. Prior to his arrival on campus he was aware that NYCC's faculty enjoyed a favorable reputation. His expectations were greatly exceeded, however, in that the faculty topped those teaching at other chiropractic colleges and, for that matter, many other professional schools!

Dr. McDonald says he is anxious to participate in the creation of the world's best chiropractic college – as measured by real-world outcomes: "The lead chiropractic colleges need to stop wondering if they are good chiropractic colleges. Instead, they must measure themselves against top professional schools." He feels that chiropractic colleges, generally, have come a long way. And though there is plenty of room for continued improvement, they are at last qualified to create and meet heightened expectations.

A Symbol of Unity is Donated to NYCC

by Dr. Matthew Coté, Director, Depew Health Center

NYCC President Frank J. Nicchi, D.C., served as key speaker for an historic joint meeting of the New York State Chiropractic Association and the New York Chiropractic Council at the College's Depew Health Center on March 20, 2002. Dr. John Przybylak, representing the New York Chiropractic Council, and Dr. David Ribakove, of the Erie County District of NYSCA, coordinated the event. The meeting featured a presentation by Dr. E. Daniel Quatro, NYSCA President, and comments by Dr. Nicchi about the many wonderful opportunities currently opening for chiropractors in single-practitioner offices as well as in multidisciplinary and hospital-based environments. Drs. John Przybylak and Jessica D'Amore-Przybylak surprised participants at the meeting with their donation of a chiropractic adjusting table used at the Ground Zero site. The Harvey Professional Supply Company graciously agreed to officially



retire the table and free it for use as an exhibit in NYCC's Arnold M. "Mickey" Goldschmidt Museum of Chiropractic History at the Seneca Falls campus.



Pictured from left to right are Dr. Matthew Coburn, Dr. John Przybylak, Dr. Frank Nicchi (NYCC President), Dr. Daniel Quatro (NYSCA President), Dr. Jessica D'Amore-Przybylak, Dr. David Ribakove, Dr. Barbara Coyle, Dr. Charles Coyle and Mr. Scott Scheonberg, Representative from Harvey Professional Supply Company, donor of the chiropractic adjusting table used at Ground Zero.

NYCC Attends First Ever ACC/RAC VII Conference (Continued from page 7)

manual was supported by both the Health Resources and Services Administration (HRSA) and the Association of Schools of Public Health, and its contents were built on the prior work and experiences of the American Public Health Association Chiropractic Health Care Section's Public Health Task Force. Michael Perillo, former NYCC clinician at Levittown, directed the project; and NYCC faculty member David Aberant was a

project team member who contributed to the areas of environmental health sciences, microbiology, and infectious and vaccine-preventable diseases.

For reasons related to my own professional development, and hopefully of value to the College, I participated in two RAC workshops: Grant Writing for the Experienced Scientist and Administering a Professional Research Program. Both were excellent! I also was privi-

leged to serve as moderator for the platform presentation session: Foundations for Faculty Improvement and Development. Finally, as a member of the CCE Executive Committee, there were opportunities for me to be involved in a number of discussions and meetings with Conference attendees regarding revised CCE standards for admission to chiropractic programs, international accreditation standards for chiropractic education, and the

roles of the chiropractic program CEOs and the CCE Board of Directors with respect to the governance of the CCE itself.

All in all, the March 2002 ACC/RAC Conference was a terrific event, which continues to demonstrate that it is the premier meeting for those engaged in chiropractic education and research at academic institutions. Next year's Conference theme will be "Diversity: Uniting the World through Chiropractic."

NYCC Interviews Former Commissioner



Kenneth S. Apfel served as Commissioner of the U.S. Social Security Administration (SSA) from 1997 until his term ended in January 2001. He was the first Senate-confirmed Commissioner of Social Security after SSA became an independent agency in 1995 and the Cabinet-level position was authorized by Congress. Before becoming Social Security Commissioner, Apfel worked in the Office of Management and Budget (OMB) in the Executive Office of the President, where he served from 1995 to 1997 as the Associate Director for Human Resources. Prior to that appointment he served as Assistant Secretary for Management and Budget at the U.S. Department of Health and Human Services. During 1982-1989, he was Senator Bradley's chief staff person for federal social and budget policy, with a particular focus on the Social Security, Medicare, Medicaid and welfare programs under the jurisdiction of the Senate Finance Committee. He served as the Senator's key staff person for the Committee's actions on the historic 1983 Social Security reform legislation.

Transitions: You were Commissioner of Social Security for about four years. What brought you into federal service originally?

Commissioner: Actually, I started my federal career back in the 1970s, just after I completed my graduate work in Texas. I received a Presidential Management Internship for a two-year assignment in Washington and, quite frankly, I got hooked! I've been working on federal health and social policy issues ever since.

Transitions: What can you tell us about your last federal post, and how did you receive this position?

Commissioner: I've been involved with Social Security and aging issues for many years. In the early 1990s, I served as the Assistant Secretary for Management and Budget at the US Department of Health and Services. I then served in the Clinton White House as the Associate Director for Human Services Programs in the Office of Management and Budget. President Clinton nominated me to fill the newly designated, Cabinet-level position at the Social Security Administration, which had recently become an independent agency. After my Senate confirmation, I became the Commissioner in 1997.

Transitions: Why did that particular position hold an interest for you?

Commissioner: Aging issues have had a special place in my heart for years. I was working with Senator Bill Bradley in the 1980s when the Senate Finance Committee enacted major Medicare and Medicaid reforms, including DRGs and RVS. The Committee was also heavily involved in the last round of Social Security reforms. We face real challenges with our growing aging population, and more reforms must be made over time to assure economic and health security for future generations of older Americans. There are some clearly defined answers in the Social Security area, but the reality is that no one that I know really knows how to deal with the issue of rising health costs.

Transitions: What do you cite as the key reasons why health-care costs are going through the roof?

of U.S. Social Security Administration

Commissioner: Lots of reasons—the aging of our population, the level of services that most Americans now receive—and expect to receive—the cost of prescription drugs, the increasing volume of providers of care, the third-party insurance system, just to name a few.

Transitions: Health-care costs have become quite an expense to the country, not only in terms of expensive cures, but also in terms of prevention costs and economic “down time.” Should we be looking at other health-care approaches in addition to those that got us into this expensive health-care position?

Commissioner: That’s a very tough question to answer. We have a multitude of interrelated problems. We have about 40 million Americans without health insurance in this country, and few people can afford health care without insurance. More and more people and small businesses can’t afford—or even find—good affordable insurance. Relying on Diagnosis Related Groupings (DRGs) or market mechanisms such as Health Maintenance Organizations (HMOs) or Preferred Provider Organizations (PPOs) to control costs hasn’t lead to magic cures, that’s for sure. My own belief is that we are heading for the next crisis in health care, now that cost increases are again heating up and the number of uninsured increases. Some day, we will bite the bullet and enact some form of health insurance for all, within some form of a tighter regulatory framework.

Transitions: Won’t that just cost more?

Commissioner: It might. But I’m not as concerned about rising health-care costs as some. I believe that Americans are willing to pay for escalating health-care costs up to a point. As we become more affluent as a nation, people put a higher priority on knee replacements, for example. And more of our national income can and should go to care for the uninsured. With growing national income over time, a growing share will go for health care over time.

Transitions: Since therapies such as acupuncture and chiropractic and other alternative care are getting good results, will the government be more favorably disposed towards these mechanisms?

Commissioner: I believe over time that will be the case, but within a more tightly regulated framework. But let’s not kid ourselves. This won’t lead to lower health-care costs overall. The more providers billing for services, the higher the costs. I say this as someone married to a gerontological nurse practitioner! Are the costs of NPs lower than an MD? Of course, but I don’t think the costs of NPs or chiropractors fully substitute for higher-cost care.

Transitions: Is Washington debating all these issues now?

Commissioner: Unfortunately, there is very little debate about these issues now in Washington. One reason is understandable—the war. But the big reason is that the tax cuts took away most of the budget surpluses that could have been used for expanded domestic priorities. The one issue receiving some attention is President Bush’s health tax credit proposal. I believe that such an approach is a big mistake. Unless tax incentives are massive, their effect will be marginal. The last thing we need in the US is greater incentives for employers to drop health insurance; we need more incentives to encourage companies to provide health insurance to their work force.

Transitions: So are you still involved with these issues, even though you are no longer in Washington?

Commissioner: I expect I will be involved in these debates for the rest of my life. I’m now a professor at the LBJ School of Public Affairs at the University of Texas-Austin, encouraging a new generation of students to enter public service. I’m in and out of Washington about 20 times a year concerning health & social policy issues. The fact is that these issues are centrally important to the future of the country. Solutions in these areas will define how we view our collective responsibility to one another. I can’t think of anything more important—or more exciting—than that!

CHIROPRACTIC HEALTH CENTERS OF NYCC

by Dr. Joseph E. Pfeifer, Chief of Staff for Clinical Services



Depew Health Center



Levittown Health Center



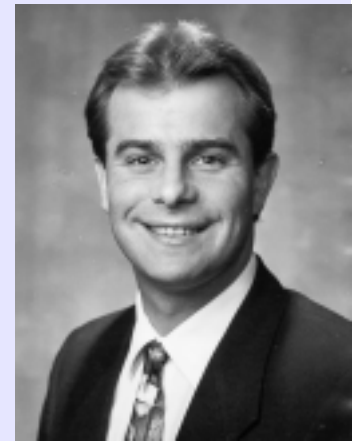
Syracuse Health Center

Clinicians at the various NYCC Health Centers have begun using small handheld computers, referred to as personal data assistants (PDAs), to improve the clinical faculty's ability to evaluate and provide feedback to interns. The PDAs allow the electronic collection, storage and reporting of data, resulting in improved efficiency and effectiveness of intern assessment. This shift to electronic data management was prompted by increased requirements for intern assessment and feedback mandated by the newly revised Standards for DC Programs and Institutions implemented by the Council on Chiropractic Education in February of 2001.

Also, a Colloquium course (CLP6804) was instituted in the Winter 2002 trimester for 8th trimester interns in all of our

Health Centers. Levittown clinician Dr. Charles Hemsey coordinates clinical faculty members and guest lecturers, who present various clinically relevant topics and supplement the clinical knowledge and experiences obtained in Clinical Service Phase courses. Related courses are being developed for 9th and 10th trimesters that will be implemented in Spring and Fall 2002.

Recent graduate Antonio Pugliese, D.C., who spent his final trimester in our internship at National Naval Medical Center in Bethesda, Maryland, returned to Levittown to discuss his experiences there with interns from all our Health Center locations. Dr. Pugliese told the students: "Interns from NYCC are well prepared to interact with providers in the various hospital departments...." He also



Dr. Joseph E. Pfeifer

expressed how his internship experiences provided him with the confidence and expertise necessary to excel in practice. These and other clinical opportunities continue to expand and enhance the educational experience of our students.

Levittown, NY

by Dr. Joseph Pfeifer, Director

NYCC interns have begun providing state-mandated scoliosis screenings for the Manhasset School District under the supervision of Levittown clinical faculty members. This opportunity supplements the Health Center's experience with the East Meadow School District, where they screened about 4,000 children over each of the past four years.

In early February, several interns assisted a multi-specialty team composed of chiropractors and physicians who currently provide pre-participation physical examinations at the Levittown facility for sixty members of the New York Sharks, a women's professional football team. The team also receives chiropractic care there. Throughout the season interns will assist the Sharks' health-care team, consisting of head physician Phil Santiago, D.C. (NYCC, '78), medical physiatrist Carol De Costa, M.D., team chiropractor Dr. Susan Mackey (NYCC, '93), and myself.

NYCC President Frank J. Nicchi, D.C. (NYCC, '78) and I met with administrators from local hospitals and explored possible collaborative affiliations. Such arrangements would

expand clinical opportunities for our interns, enhance NYCC's visibility and provide the associated medical community with a greater appreciation for the chiropractic profession.

Dr. Jeff Silber, a 1990 NYCC graduate who subsequently completed his orthopedic surgery residency at University of Pennsylvania as well as a spine surgery fellowship at Thomas Jefferson, is scheduled to return this spring to the Levittown site and conduct a series of orthopedic presentations for the interns. Jeff is currently a full-time faculty member at Long Island Jewish/North Shore Health System.

I am honored to announce that the Commission on Accreditation of the CCE has invited me to serve an initial term of three years on the Academy of Site Team Visitors. My participation will provide me with the opportunity to serve the profession and assist the CCE in its efforts to maintain high standards among all accredited chiropractic educational institutions.

Depew, NY

by Dr. Matthew Coté, Director

There have been many exciting new developments at the Depew Health Center over the past few months. While interns busied themselves with their health center patients and classes, the faculty has been revamping the clinical program and enhancing the students' educational opportunities. For example, the newly integrated patient recruitment and rehabilitation modules will favorably impact interns' ability to care for their clinic patients. Here in Depew, massage therapy students from Trocaire College's Massage Therapy School have begun working shoulder-to-shoulder with chiropractic interns, much to the benefit of the health center's patients. They train under the direct supervision of a massage therapist faculty member.

Students are currently conducting presentations to schools and community functions. They also lecture at our local libraries, senior centers and gyms. Spinal screenings are often done in conjunction with the lectures and yield many new patients for the health center. At the same time, other industrious students put together a lecture that discusses how chiropractic can improve one's golf game! Students also sponsor American Red Cross blood drives and donate their time and energy to the Cornerstone Manor's benefit for the homeless, and to the City Mission's food drive.

Opportunities to observe local hospital activities continue to attract student interest. Interns attend the Erie County Medical Center's ER and spinal surgery at Our Lady of Victory Hospital. Our interns will also watch radiologists at Greater Amherst Imaging (formerly known as Seton MRI) work in their new and expanded Amherst facility. Already, feedback from the students has been positive. Student interns are encouraged to avail themselves of any opportunity that provides them with knowledge about how the medical model performs. Such an insight enhances their ability to network with members of other health-care disciplines.

There are additional prospects on the horizon. For example, State University at Buffalo's medical clinic has expressed interest in working with NYCC's Depew Health Center in order to include chiropractic services for their campus students. Student's sights are no longer set simply on opening a private office or working for another chiropractor following graduation. Rather, many have shown interest in working within hospitals or in conducting research. At NYCC's health centers, much effort goes into providing an opportunity to pursue a variety of options.



University at Buffalo School of Medicine

Seneca Falls, NY

by Dr. Robert Ruddy, Director

We are currently working to comply with the new CCE Standards, which include a quality assurance piece, and have recently begun to use Palm devices to evaluate our student interns. This permits clinicians to complete evaluations more expeditiously. The Seneca Falls Health Center recently began the Monroe Community Hospital project under Dr. Dishman's tutelage, allowing our 8th, 9th, and 10th trimester interns to treat patients in a hospital setting, complete with hospital rounds led by Dr. Katz.

The Neighborhood Center, located in Rochester, continues to expand, providing student interns with yet another venue in which to hone their clinical skills. This too is a multidisciplinary facility where interns treat patients side-by-side with other medical practitioners and allied health providers under the guidance of Dr. Fred Sanfilippo. Students express their enthusiasm with the program.

Syracuse, NY

by Dr. Vincent Loia, Director

On February 12, Dr. Michael Nancollas presented an informative lecture to students at NYCC's Syracuse Health Center. The Center's full-time clinician, Dr. William Dolengo, who had worked with Dr. Nancollas at Orthopedic Associates of Central New York in an effort to establish surgical rounds for the interns, invited Dr. Nancollas to speak to the students. As part of his lecture, Dr. Nancollas conducted a PowerPoint presentation that addressed case studies of upper extremity conditions he had encountered in his office, particularly those of the hand and wrist. Dr. Nancollas was open to questions and the interns, in turn, asked him a number of questions regarding case management (both surgical and non-surgical) relating to conditions such as DeQuervain's, CTS, trapeziometacarpal DJD, tendonitis, and ulnar and median nerve entrapments at other sites. At the conclusion of the lecture, Drs. Nancollas and Dolengo outlined the requirements for surgical shadowing, and encouraged interested interns to inquire further for details.

Energy Medicine Comes of Age in the 20th Century



James L. Oschman, Ph.D.

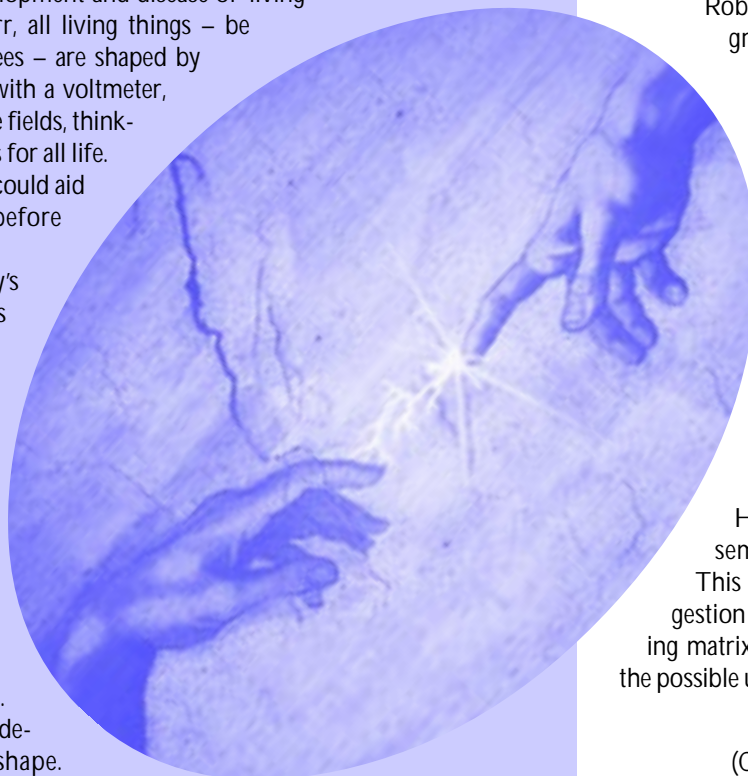
According to James L. Oschman, Ph.D., who authored the book *Energy Medicine: The Scientific Basis*, we've come a long way. The earliest recorded use of electricity for healing dates from 2750 BC, when sick people were exposed to the shocks produced by electric eels. Later, around 400 BC, Thales rubbed amber to obtain static electricity, and ancient Egyptians and Chinese tried their hand at magnetic healing with magnetite or lodestone. And it is certainly well known that revered religious figures reputedly healed by means of the "laying on of hands." In 1773, Franz Anton Mesmer revisited the notion that magnets might heal patients. In 1779, Mesmer's *Memoir on the Discovery*

of *Animal Magnetism* documented healing treatments using magnets and other aspects of energy medicine. Without commenting on the success or effectiveness of Mesmer's treatments, it is the case that electrical fields in living bodies are being detected by state-of-the-art laboratory instruments. Consequently, many current theories suggest that biological fields are not just by-products of physiological processes, but rather are fundamental mechanisms by which the body communicates with itself.

Energy Fields That "Shape" Tissue

The twentieth century's investigation of energy medicine owes much to Harold Saxton Burr, a Yale Medical School professor who in 1929 studied electricity's role in both the development and disease of living systems. According to Dr. Burr, all living things – be they men, frogs, cabbages or trees – are shaped by electro-dynamic fields. Armed with a voltmeter, Burr measured and mapped these fields, thinking they might provide blueprints for all life. Perhaps the field measurements could aid doctors in diagnosing illness before symptoms develop?

Burr theorized that the body's molecules arrange themselves as iron filings that are scattered near a magnet. Were the filings to be removed and fresh ones scattered, the new filings likewise would assume the same pattern as the old. Similarly, the human body's cells are constantly being torn apart and rebuilt, assembling fresh material from the food we eat as energy fields continue to arrange new tissue as formerly patterned. Burr alluded to a cook's mold in describing the field's power to shape.



When bakers use dented forms they might well expect to find some dents or bulges in the cakes. Consistent with that, a battered energy field – one characterized by abnormal voltage patterns – may warn of something "out of shape" in the body in advance of actual symptoms. Dr. Louis Langman of New York University and Bellevue Hospital Gynecological Service discovered this occurring when he examined over 1,000 female patients using electro-metric measurements and measured significant shifts in the voltage gradient where malignancy was confirmed by subsequent surgery.

Dr. Burr's voltage measurements changed during initiation and growth of cancer tissue in mice. Burr concluded that within an organism are subsidiary, or local, fields and that variations in the subsidiary fields reflected variations in the flow of energy within the whole system.

Becker Detects A Living Semiconduction System

Robert O. Becker's work laid the groundwork for a dual nervous system composed of the classical nervous system and the connective tissue layer surrounding the nervous system, called the perineurium. The evolutionarily ancient perineural system operates through direct current and oscillations of direct current fields that are sensitive to magnetic fields. The basis for Becker's research is a magnetic phenomenon known as the transverse Hall effect, which indicates that semiconduction is taking place. This confirms Szent-Gyorgyi's suggestion of semiconduction in the living matrix, and also provides a basis for the possible use of magnets and biomagnetic

(Continued on page 20)

Acupuncture: Tapping the Electric Flow

Research has discovered an electrical component to acupuncture: the ancient Chinese therapy based upon the existence of a “life energy,” or ch’i. The Chinese credit balanced ch’i for good health. In order to maintain homeostasis, ch’i must flow unimpeded throughout the body’s 14 meridian channels. Illness results from imbalances or obstructions in ch’i. Health is restored by stimulating specific sites along meridians called acupuncture points, which reintroduces energy balance.

Acupuncture treatment involves the insertion of fine gold or silver needles into the acupuncture points and rotating them. Electrical signals (electro-acupuncture) may be used instead of manual stimulation, particularly for relief of pain and neurological disorders. A resurgence of interest in acupuncture has led to numerous studies regarding its clinical efficacy. Dr. Robert Becker, author of books, such as *Cross Currents*, which deal with the electrical aspects of biological systems, performed NIH-funded research that confirmed through specific, reproducible and significant electrical parameters the existence of 25 percent of the acupuncture points on the human forearm.

Research has also confirmed the reality of acupuncture points by showing how specific parts of the brain activate when particu-

lar acupoints are stimulated. For example, Dr. Z. H. Cho’s work at the Department of Radiological Sciences, Psychiatry, and Human Behavior, University of California, Irvine, revealed that when sight-related acupuncture points lo-

located on the foot are stimulated, the occipital lobe is indeed activated, just as though the eye were being stimulated by light. Occipital lobe activation, however, did not occur when areas 2 to 5 centimeters from acupoints were stimulated. In 1973, two British clinicians who worked in a tuberculosis sanitarium discovered that the electrical conductance of skin at the acupuncture point referred to as “Liver 8,” located on the knee, was 18 times greater in patients who suffered from liver disease than those who did not.

It has also been hypothesized that practicing “hands-on” work can have a biomagnetic output from a therapist’s fingers and hands. In other words, various therapeutic contacts may involve far more than simple pressure on the skin. Dr. Becker’s findings paralleled those of Cho and the British clinicians in that meridian lines appearing on ancient acupuncture charts clearly ran through, and connected, the points identified



by Dr. Becker. Areas of the skin lying outside along meridians failed to exhibit electrical characteristics similar to those that did.

If the acupuncture system clearly exists, and it operates electrically, what is its mechanism? How is the electrical energy passed through the body? Becker surmises that acupuncture points perform like amplifiers that are spaced along meridian transmission lines. The transmission of injury signals appears to involve DC electrical currents. Thus, when metallic acupuncture needles are inserted in or near neuroepidermal junctions they produce electrical disturbances sufficient to neutralize the amplifier, and thereby block pain. It also appears that some bodily signals reached consciousness and were perceived as pain, while others that ran to more primitive portions of the brain stimulated output DC signals that, in turn, stimulated repair and healing at injury sites.

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Electromagnetic Activity and Human Behavior

The earth is a gigantic magnetic sphere surrounded by a continuously changing magnetic field commonly referred to as a geomagnetic field (GMF). It had long been held that electromagnetic energy in relatively low doses (that is, below the thermal limit) would cause nei-



ther physiological nor behavioral effects. Recent data indicates otherwise, however.

Research now reveals, as related in a fascinating book by Dean Radin, Ph.D., entitled *The Conscious Universe*, that both electromagnetic and magnetic fluxes exhibiting certain patterns and frequencies (though well below thermal limits) do indeed affect biology and behavior! In fact, variations in very weak, "extremely low-frequency" (ELF) electromagnetic and geomagnetic fields appear to affect human behavior at a fundamental level. Dr. Dean Radin cites research published in S.W. Tromp's 1980 publication, *Biometeorology*, wherein the occurrence and timing of over 362,000 industrial accidents and 21,000 traffic accidents significantly correlate with ELF variations. In some respects this is nothing new. People given to superstition had long suspected an association between psychotic behavior and full moons. What is new is the phenomenon's newly acquired statistical support.

It so happens that the moon passes through the earth's magnetosphere just about

the time of the full moon. Even more bewildering, Dr. Radin's examination of Las Vegas casino records reveals that gamblers are more likely to increase their winnings during days that fall on or near a full moon. Consistent with the theory, gamblers' losses increased during days falling on or near the new moon. The most puzzling aspect of Radin's research is his findings that slot machine payouts increased during full-moon periods. In fact, the number of slot machine jackpots occurring on full-moon days reflected an increase on the order of thousands to one! The puzzling data prompts theories regarding gamblers' enhanced forecasting abilities, or perhaps even that gamblers' intentions are, during particular times and given favorable electromagnetic environments, more likely to actualize. Dr. Radin derived similar results from data collected from the lottery commissions of six states, confirming a geomagnetic flux/lottery payout association. His findings were supported by researcher Mark Zilberman's examination of lottery data for France and the Soviet Union.

Bone's Electric Properties

Bone's growth is unique in that it relies on a constant flow of electrical information regarding the particular bone's use in given environments – a sort of closed-loop, negative-feedback control system, if you will. In 1892, Julius Wolff measured how bone's growth responded to mechanical stresses and found a positive relationship now commonly referred to as Wolff's Law. Bone tends to grow more rapidly in areas that are subjected to mechanical stresses. The result is bone that is better able to resist similar stresses in the future. For example, a fracture of a weight-bearing long bone heals with each step taken by the patient. The bone progressively strengthens at the site of the fracture.

A collagen fibril is a long-chain, fibrous protein that is produced by the bone cells (osteocytes) and deposited in a highly organized pattern. At the same time, a microcrystalline, inorganic mineral called hydroxyapatite is also deposited in a very precise fashion directly on the pre-existing collagen fibers. These patterned deposits give bone its unique mechanical properties.

Certain inorganic crystalline materials create a pulse of electricity whenever mechanical stress is applied. Similarly, when the mechanical stress is released a pulse equal in magnitude but opposite in polarity is produced. This property is called piezoelectricity. It wasn't until 1954 that a Japanese orthopedic surgeon, Iwao Yasuda, believing bone might be piezoelectric, theorized that mechanically produced electrical signals might stimulate bone growth according to Wolff's Law. Yasuda thereafter demonstrated piezoelectricity in whole bone, and stimulated bone growth in experimental animals by applying electrical currents.



Might Electromagnetism Hold Cancer's Cure?

Robert O. Becker, M.D., is an expert in the field of electromagnetic properties as they relate to human biology. He has authored books that include *Body Electric* and *Cross Currents*, which discuss experiments whose implications fundamentally change the way we view electricity's role in the human body. Curious to know how living bodies healed themselves, Dr. Becker tracked voltage readings near skin wounds only to discover that readings taken proximate to wounds revealed higher voltages than those more distant. He also puzzled over the fact that salamanders simply grow new legs when prior ones are amputated. Yet, with frogs things are different. When one cuts off one of their legs only a permanent stump remains.

Electricity and Limb Regeneration

Becker scrutinized the stump that remained following amputation of a salamander's limb. He observed that skin quickly grew over the stump as new nerves grew throughout the stump. Soon thereafter, mature cells of bone and muscle began to dedifferentiate at the end of the stump and became a mass of primitive cells (a blastema). These primitive cells multiplied and differentiated into the specific cells required to grow a new limb. What Dr. Becker found most fascinating was the increased voltage current he measured at the site of the amputation. The current was positive and remained that way for two to three days as a neuroepidermal junction formed. Then, as the blastema continued to grow, the electric current switched to negative. Electricity associated with the frog's stump was a different story altogether. The direct current on the frog's stump remained positive throughout the healing process and simply scarred rather than

regenerating a limb. Hence, concluded Becker, where limb regenerations are concerned, negative electric current plays an important role. On the other hand, for purposes of simple scarification healing, as with the frog, positive electric current is involved.

The "Negatives" and "Positives" About Limb Regeneration

Becker's curiosity piqued. He wanted to know the relationship between the negative current of injury in a regenerating area, and the neuroepidermal junctions (NEJ) that ap-



peared when the current switched to negative. NEJ's were a unique feature in that they appeared only in regenerating limbs and were essential for the regenerative process.

Dr. Becker began to realize that in particular electrical environments interesting things were happening. He subjected frogs' red blood cells to negative polarity and watched in amazement as they dedifferentiated into primitive cells and then continued on to become bone cells! What's more, the

dedifferentiation occurred only when the cells were subjected to very small amounts of electricity — somewhere in the range of billionths of amperes. Armed with this new information, Dr. Becker sought to regenerate a new limb in a mammal. The results were mixed. Indeed, the cells in the chosen rat's bone marrow did dedifferentiate and Becker was successful in re-growing the missing part of the rat's upper foreleg; yet, he lacked sufficient quantities of primitive cells to complete the task. Since the quantity of bone marrow in humans is even less than that found in rats, there would be too little tissue available to dedifferentiate into a whole regenerated human limb.

Cancer and Electricity

Dr. Becker wondered what role electrical voltages might play in malignant processes. He had noted that cancer cells demonstrated characteristics of dedifferentiation similar to, yet distinct from, those found in an embryo. Nor were the cancer cells as dedifferentiated as were the cells in the regenerating blastema that formed on the salamander's and rat's stumps.

Becker was aware that salamanders never developed cancer; however, when he transplanted a malignant kidney tumor cell from a frog into a salamander the frog's cells incorporated themselves into the salamander and killed it. Yet, when the malignant cells were placed in the salamander's leg, and the leg was severed at the site of the cancerous tissue, the cancerous tumor disappeared. The malignant cells merged with the developing blastema and a normal leg was regenerated. This led Becker to the exciting conclusion that in the presence of a regenerative growth process, cancer cells revert back to normal cells and become part of the growing blastema. He was heartened to conclude that cancer cells were not locked irretrievably into a malignant state. Rather, in the presence of embryonic control systems they could return to normal!

(Continued on page 45)

Scientist and Educator on Energy Medicine

Prolific Writer and Speaker

James Oschman, Ph.D., has both the academic credentials and the background in alternative therapies to carry out his explorations. He has degrees in Biophysics and Biology from the University of Pittsburgh and has worked in major research labs around the world. These include Cambridge University in England; Case-Western Reserve University in Cleveland, Ohio; the University of Copenhagen; Northwestern University in Evanston, Illinois, where he was on the faculty; and the Marine Biological Laboratory in Woods Hole, where he was a staff scientist.



Dr. Oschman, is the author of a groundbreaking series of articles on healing energy published in the *Journal of Bodywork and Movement Therapies*. These articles have now been developed into a book, *Energy Medicine: The Scientific Basis*, published in the Spring of 2000 by Harcourt Brace/Churchill Livingstone, Edinburgh. This book is giving the most skeptical academic scientists a basis for exploring the physiology of energy medicines.

Dr. Oschman is one of the few academic scientists who has explored the basis for complementary and alternative medicines. He has published 26 full-length articles in academic scientific journals and 40 articles in alternative and complementary therapy journals. In his work, he refers to the same science that provides the foundation for modern clinical medicine. He lectures widely on the energetic phenomena taking place in the therapeutic situation, and has developed useful insights that can help all therapists better understand and advance their work and explain it to others.

To learn about the theories and practices underlying complementary methods, Jim has both taught and attended classes at various schools around the world, and experienced a wide range of bodywork techniques.

Transitions: What do you believe to be the underlying foundation for resonance healing?

Dr. Oschman: Resonance between molecules, for example, and receptor sites on cell surfaces.

Transitions: Do you believe we will someday soon have machines that will help diseased organs to again achieve their optimal frequency?

Dr. Oschman: Yes.

Transitions: Is the frequency reading simply a manifestation of homeostasis, not unlike a thermometer reading?

Dr. Oschman: Yes.

Transitions: Well, then, wouldn't efforts to induce a healthy resonance be like treating a fever with cold drinks and ice cream?

Dr. Oschman: Not quite.

Transitions: What do you believe is the underlying cause of disease?

Dr. Oschman: There are several problems, from my perspective. One is that the cells that are available to treat a problem are not

getting the message that they need to become activated. This may be caused by a failure in the communication system. Or, the cells have the message but they are unable to migrate through the connective tissue because it is clogged or constricted.

Transitions: How, then, is disease best treated?

Dr. Oschman: Many methods operate by opening up the communication pathways or cell migration pathways in the connective tissue. Massage and Roling and Chiropractic are good for this, as are other methods.

Transitions: If healing is a matter of resonance, why aren't all healers healthy?

Dr. Oschman: An ability to heal others does not necessarily provide the individual with the ability to heal themselves, nor does it prevent one from having bad health habits.

Transitions: How do you envision – and by what mechanism – would “beneficial frequencies” best be introduced to relieve diseased tissue in humans? Is anyone making any headway along these lines?

(Continued on next page)

Scientist and Educator on Energy Medicine

(Continued from previous page)

Dr. Oschman: Yes, people are making good progress in this. Abrams did a hundred years ago, and his work was right on, although his instruments are not allowed to be used in this country. The Russians delved into this deeply, and came up with millimeter and centimeter wave technology that is just now being introduced into this country.

Transitions: What have you seen personally that does not appear in double blind studies?

Dr. Oschman: Most of conventional medicine and most of complementary medicine have not been evaluated by double-blind studies. Western medicine tends to put alternative therapies up against a high standard of proof, when, in truth, most Western medical techniques have not been evaluated this way. The double-blind placebo controlled study was actually developed to test drugs, and does not work well for complementary medical techniques.

Transitions: Harvard's Dr. David Eisenberg has told of his direct observation of events that defy explanation in his studies of Qi energy. He mentions some of them in his book *Encounters With Qi*. Have you had any dramatically inexplicable experiences?

Dr. Oschman: The most relevant experiences I have not had myself, but I have talked to many people who have had them and can confirm the basic observations. They concern the experience of attacking a martial arts master. If you talk to the master, you will discover that he or she has two separate experiences of the event. The actual "throwing" of the attacker takes place before the master becomes neurologically conscious of the event. I suggest that there are two separate consciousnesses in operation here, one the connective tissue consciousness, which is extremely fast, and the second being normal neurological consciousness, which is much slower. The martial arts training is a tuning up of the connective tissue conscious-

ness so it can sense and respond to stimuli ahead of neurological consciousness. I will be describing all of this in my next book.

Transitions: Your "Living Matrix" article, in discussing Continuum Pathway, alludes to the source of energy that conducts information from the senses and powers the muscles. Would you mind briefly sharing what you believe the source of this energy to be?

Dr. Oschman: Energy is probably not going to turn out to be what we think it is. I think that the energetic content of any stimulus that triggers the response in a receptor, that leads to an action potential in the sensory nerve, also triggers a conformational wave that travels throughout the living matrix. I have described this in a bit more detail in an article published in the *Journal of Optometric Phototherapy*. The title is "Exploring the Biology of Phototherapy."

Energy Medicine Proved Effective for Heroin Detoxification

Qi Gong, defined as the manipulation of energy associated with living tissue and often referred to as Qi energy, vital energy, or bio-electrical currents, has shown favorable results when used by heroin addicts for detoxification. The energy is manipulated by means of mental exertion and through various physical movements. Researchers of Qi Gong believe that the therapy works by somehow translating biologically coded information through mind-body interaction, and thereby promotes better mind-body communication.

A recent scientific study published in *Alternative Therapies* suggests that perhaps the ancient Chinese practice of Qi Gong is

more effective than traditional methods for heroin detoxification. The researchers randomly assigned 86 male heroin addicts enrolled in a detoxification program to one of three groups for ten days. One group prac-



ticed Pan Gu Qi Gong for over two hours each day and received daily Qi adjustments from a Qi Gong master. Another group received detoxification drug lofexidine-HCl 0.2 mg over a ten-day period. Finally, a control group received only medications for severe symptoms. From the first, withdrawal symptoms resolved more quickly in the qigong group than in the other groups. The Qi Gong group had significantly lower mean symptom scores, and their anxiety scores were also significantly lower. Perhaps most surprising, however, is the fact that by day-three, half of the Qi Gong group had no detectable morphine in their urine, compared to 23% in the control group and 8% in the medication group.

Energy Medicine Comes of Age in the 20th Century (Continued from page 14)

fields in healing. Becker measured energy throughout the human body. After plotting his measurements onto ancient Chinese meridian maps, he concluded that the acupuncture points and meridians are input channels for a system that regulates tissue repair.

In the late 1960s, Herbert Frohlich predicted, on the basis of quantum physics, that the living matrix must produce coherent, or laser-like oscillations. He theorized that living matter would exhibit a vibratory phenomenon, and his predictions were confirmed in a number of laboratories. This was not news

was thought that by manipulating and balancing the vibratory circuits, particular complementary therapists might directly influence the body's systemic defense and repair mechanisms.

Where, then, is this energy grid? Donald Ingber showed how tissue, cellular and nuclear architecture form tensegrity and communication systems. Yoshio Manaka, admitting that there were unknown aspects of energy and information flow, theorized an X-signal system in living bodies that depends upon unknown communication circuits and

vous system.

The X-signal system might regulate the communications and the cellular migrations involved in both defense against disease and healing of wounds. The living matrix, energy fields, acupuncture meridians, and the various biocircuits with which energy therapists interact during their therapy sessions may possibly all relate to components of Manaka's system.



Dr. John Zimmerman

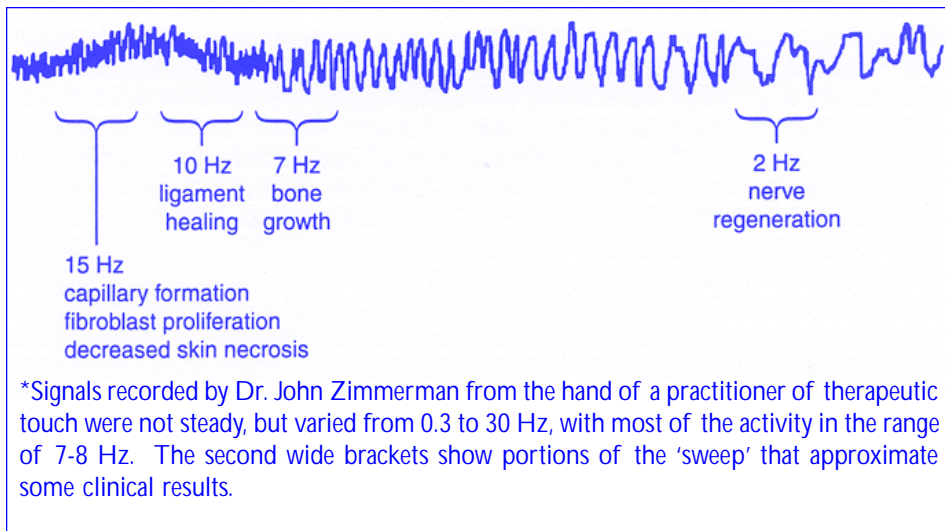
The living matrix, energy fields, acupuncture meridians, and the various biocircuits with which energy therapists interact during their therapy sessions may possibly all relate to components of Manaka's system.

Healing Rays Measured

Dr. John Zimmerman of the University of Colorado School of Medicine in Denver conducted experiments that represented important steps in investigating energy medicine. Using a SQUID magnetometer, Zimmerman measured the biomagnetic field that emanated from the hands of a therapeutic touch practitioner's hands. In fact, the SQUID detected a large biomagnetic field so strong that the amplifiers and recorder had to be readjusted so that a recording could be made. The therapeutic touch signal pulsed at a variable frequency ranging from .3 to 30 Hz, with most of the activity in the range of 7 to 8 Hz.

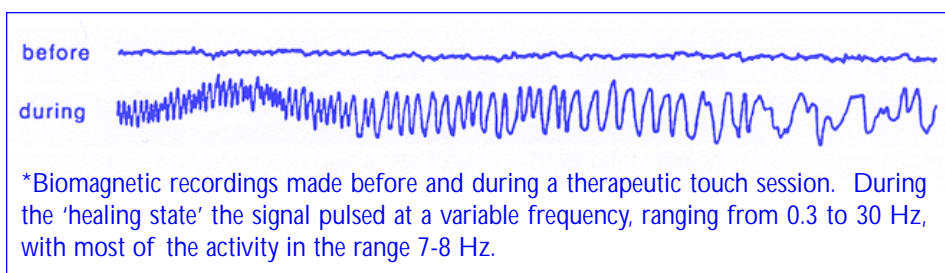
Healing Rays "Felt"

Curiously, Franz Anton Mesmer wrote of a magnet-like sensation he and his patients experienced while he held his hands near their bodies. Similarly (and more currently), Dr. David Eisenberg of Harvard described how he felt the sensation of pins and needles from his shoulders down to his fingernails as he sat, eyes closed, opposite a Chinese healer. The sensations intensified, and the pins and needles changed to electrical impulses. It was, described Eisenberg, "as if my hands had been plugged into a low-voltage socket. My fingers, wrists, arms, and shoulders tingled and grew numb." When Eisenberg asked the healer to increase the flow, the sensation of



to some. Energy therapists at many schools had long recognized the importance of vibratory phenomena (including light) in healing, while academic molecular science focused on other matters. Frohlich's work revealed that all parts of the living matrix set up vibrations moving within the organism and radiating into the many environments. The energy oscillations occurred at many different frequencies. For example, each molecule, cell, tissue and organ has an ideal resonant frequency that coordinated its activities. It

informational units. According to Manaka, the X-signal system evolved long before the nervous system, and represents a primitive regulatory system that differs from the classic nervous and hormonal systems. In fact, it is present in single-celled animals, which do not have nerves per se, but nonetheless react to external stimuli for defense and nourishment. The X-signal system theory helps to explain how various treatments used in oriental medicine can profoundly affect the body without having any effect on the ner-



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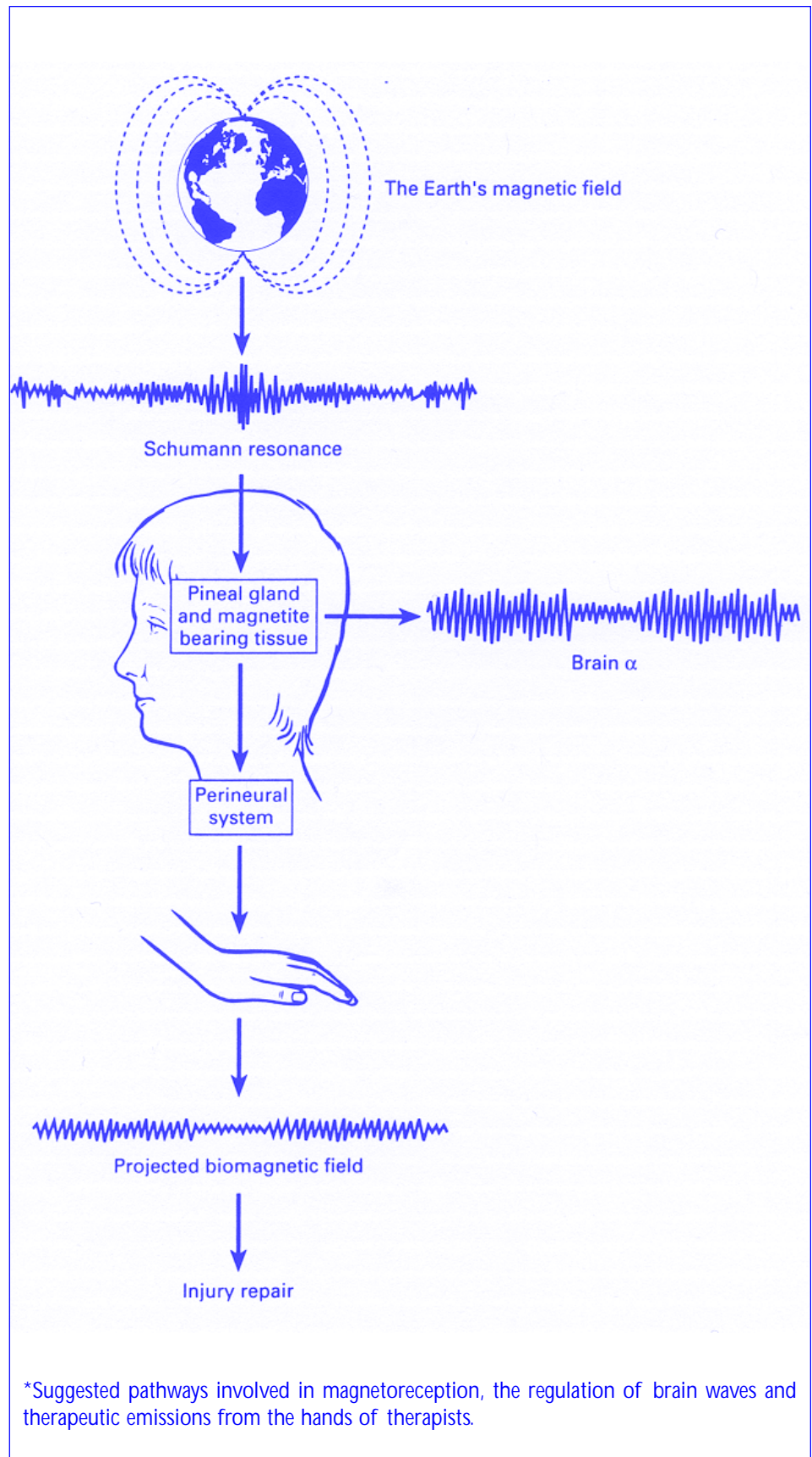
Energy Medicine Comes of Age in the 20th Century (Continued from previous page)

electrical impulses in his upper limbs grew in intensity. "It was as though the voltage in the socket had been turned up to high," explains Eisenberg. Dr. Eisenberg describes in his 1985 book, *Encounters With Qi*, how, on another occasion, a healer was able to light a fluorescent light bulb simply by holding it in his hands. Further research reveals other surprising facts about the emanations that radiate from a trained healer's hands. In 1981 an internist working at the Beijing Institute of Traditional Chinese Medicine, Dr. Fong Li-da, published an article entitled *The Effects of External Qi On Bacterial Growth Patterns*. According to the study, a Qi Gong healer was instructed to use his skill to impart energy to bacteria located in three test tubes, each with equal numbers of *E. coli*, a common bacterium. The Qi Gong master would simply hold a tube and place it on the laboratory bench, having done nothing to it. He then took one of the two remaining tubes and attempted to kill the bacterial in it by a lethal energy for one minute. Finally, he grasped the third tube and for one minute subjected it to a "health-promoting" dose of energy. Over 40 repetitions showed that a health-promoting dose of energy engendered a seven-to tenfold increase in the number of *E. coli*, while a lethal dose of energy lowered the number of bacteria by one half or more. The number of *E. coli* in the control tube remained unchanged.

Frequency "Sweep" of Healing Rays

Zimmerman's measurement of the signal recorded from the hand of a practitioner of therapeutic touch showed a sweep of frequencies. Curiously, the sweep of frequencies correlated with specific frequencies discovered by medical researchers who are employing magnetic pulses for jump-starting the repair of a wide spectrum of tissues and for treating diseases. For example, 2 Hz are related to nerve regeneration; 7 Hz for bone growth; 10 Hz for Ligament healing; 15, 20, and 72 Hz for stimulation of capillary formation and fibroblast proliferation; and 25 and 50 Hz for synergistic effects with nerve-growth factor.

*Reprinted from Oschman, *Energy Medicine*, 2000, Churchill Livingstone.



Flexner's Wounds Weren't Fatal

by Jonathan Kropf, 8th Trimester

A rash of healthcare innovations in the early 20th century attracted scholars and charlatans, alike. Serious scientists anxious to introduce the new power of electricity and electromagnetism into the life sciences shared the stage with others, whose pecuniary interests left little room for ethics, and who were chomping at the bit to bilk a gullible public. The frenetic environment was likely similar to the "irrational exuberance" revisiting the country at the century's close; electricity had been replaced by information.

Enthusiasm for the newly emerging electric technology, together with the financial support of the era's leading businessmen, spawned the creation of a Flexner Report — promoted as safeguarding the public's healthcare interests. The report advised severely restricting medical licensing and limited access to unconventional therapies. History now suggests that powerful professional and business interests may have motivated the overhaul of the nation's healthcare practices in the early 20th century. The effect was probably both good and bad. The overhaul put rascals out of business, seeing to it that anyone who exposed the public to harmful healthcare therapies and contraptions would suffer legal consequences. Unfortunately, the report may also have thrown out the baby with the bath water, for many of the jettisoned investigations and innovations held potential for future promise.

The Report

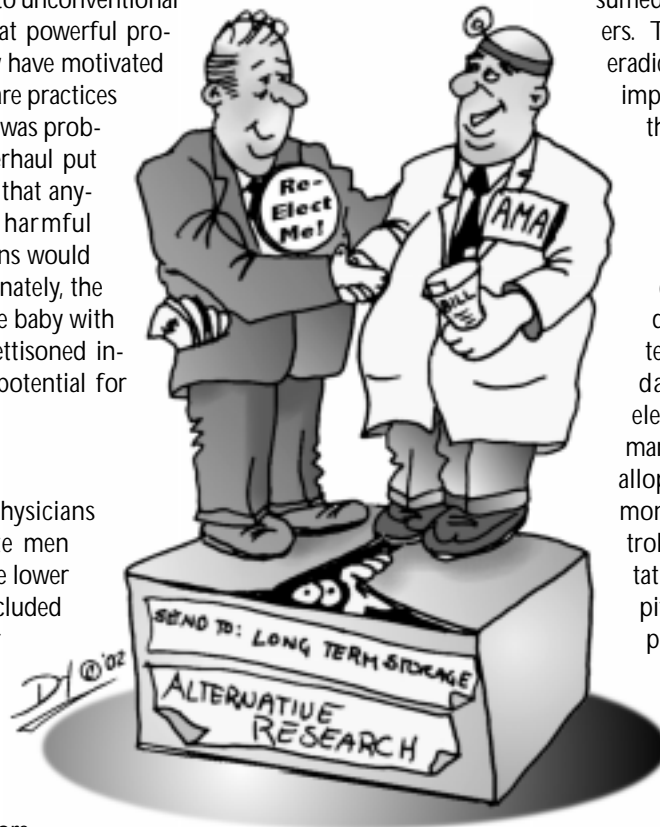
At the turn of the century, physicians comprised an assortment of white men who, for the most part, occupied the lower professional levels. Healthcare included a variety of therapies that did their best to prevent and cure illness. The group included homeopaths, medical doctors, chiropractors, acupuncturists, hydropaths, chronothermalists, Thompsonians, Mesmerists, herbalists, Indian doctors, clairvoyants, spiritualists and others. In 1904 the American Medical Association (AMA) established a Council on Medical Education whose charge it was to improve the quality and of medical education. The AMA commissioned an outside consultant, Abraham Flexner of the Carnegie Foundation, to investigate the status of medical education in the United States. Flexner, an educator with a bachelor's degree from Johns Hopkins University, visited 160 American medical schools and in 1910 reported his recommendations. Two years later the Council conducted its own inspection

of the 160 medical schools, approving only a few of them. By 1930 only 72 schools survived the effects of Flexner and the Council.

Flexner and Chiropractic

Armed with the Flexner Report the AMA began targeting non-physician healthcare providers, including chiropractic, electromedicine and homeopathy. In his report, Abraham Flexner had written, "The chiropractics ... are unconscionable quacks, whose printed advertisements are tissues of exaggeration, pretense, and misrepresentation of the most unqualifiedly mercenary character. The public prosecutor and the grand jury are the proper agencies for dealing with them." A decade after Flexner the AMA promulgated rules that presumed to govern all the non-allopathic providers.

These laws, in many cases, resulted in the eradication of 'non-medical' therapies. The impacts were not confined to non-allopathic therapies, however. For example, Flexner recommended the closure of all three existing women's medical colleges, feeling that women generally were "seldom equipped for the mental rigors of medicine." He also recommended that black doctors treat only black patients. The aftermath of Flexner's restrictive recommendations included the discrediting of electromedicine, alternative medicine and many existing medical schools. An organized allopathic cadre of practitioners ultimately monopolized the healthcare field and controlled entry through licensure and accreditation of medical schools and teaching hospitals. Medicine came to mean healthcare practice that embodied the AMA's and Flexner's scientific, clinical and research approach. Other therapies were excluded. Since Flexner it has been an uphill climb for non-allopathic practices to attain mainstream status within the American healthcare system.



The "Flex" Behind Flexner

John D. Rockefeller and Andrew Carnegie were at the peak of industry during the early 20th century. These and other powerful entrepreneurs established business empires that were the cornerstone of American business, and such held a large portion of the country's

(Continued on next page)



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FACSM-Medical Director
NYRR, NYC Marathon, NYC
Triathlon
Kathleen Baumgardner,
D.C., DACBSP-Medical
Director, Garden States Games
William Bonsall, D.C.,
DACBSP-United States Sports
Chiropractic Federation Sports
Chiropractor, 2002 Olympic
Winter Games - Salt Lake
Dale J. Buchberger, D.C.,
DACBSP-Associate Professor

NYCC - Seneca Falls, Chiropractic
Consultant, Canadian Aerial Ski
Team
John Danchik, D.C.,
DACBSP-Sports Chiropractic Hall
of Fame
Leonard S. Ershow, D.C.,
CCSP-Sports Medical Director,
23rd National Collegiate Tae Kwon
Do Championships, Past President
NJCS Sports Council
Peter Gale, D.C., CCSP-Expert
in extremity analysis and
manipulation
Thomas Hyde, D.C.,
DACBSP-U.S. Team Chiropractor,
1987 Pan Am Games - Indianapolis
Stephen M. Perle, D.C.,
CCSP-Associate Professor of

Clinical Sciences, University of
Bridgeport College of Chiropractic
Ira Shapiro, D.C., DACBSP-
Board of Directors American
Chiropractic Board of Sports
Physicians, Past President NJCS
Sports Council, United States Sports
Chiropractic Federation Sports
Chiropractor, 2002 Olympic Winter
Games - Salt Lake
Alan Sokoloff, D.C.,
DACBSP-U.S. Team Chiropractor,
1999 Pan Am Games - Winnipeg

US Olympic Chiropractors

Jan Corwin, D.C., CCSP-U.S.
Team Chiropractor, 1988 Olympic
Summer Games - Seoul, Korea

Philip Santiago, D.C.,
DACBSP-U.S. Team
Chiropractor, 1992 Olympic
Summer Games - Barcelona,
Spain
Steven Horwitz, D.C.,
CCSP - U.S. Team Chiropractor,
1996 Olympic Summer Games -
Atlanta, Georgia
Andrew Klein, D.C.,
DACBSP-U.S. Team
Chiropractor, 200 Olympic
Summer Games - Sydney,
Australia
Robin Hunter, D.C.,
DACBSP-U.S. Team
Chiropractor, 2002 Olympic
Winter Games - Salt Lake, Utah

Flexner's Wounds Weren't Fatal (Continued from previous page)

wealth. John D. Rockefeller who, ironically, was treated by an homeopathic physician, began to heavily fund the newly emerging pharmaceutical industry — investing in drug companies, the AMA, and medical colleges to the tune of over a half billion dollars over the past century — assuring further expansion of a rapidly developing medical and pharmaceutical market.

Multiple Therapies Making a Pre-Flexner Comeback?

According to recent financial reports a new market for electro-and energy medicine is emerging. The neurotechnology market, alone, is projected to skyrocket from 1 billion dollars to over 5 billion by the year 2005. Neurotechnology is the application of electrical engineering to the human nervous system through modern technologies

that utilize electrical energy for the treatment of otherwise unmanageable conditions. Current prototype products include neural controlled prosthetic limbs and grasping devices. Others treat previously uncontrollable incontinence, hearing impairments, chronic pain and tremors. Future products include more advanced neural prostheses, therapeutic electrical stimulators, more advanced imaging tech-

niques for the nervous system and computers that efficiently interpret brain activity. The complementary therapies too are making a strong comeback as highlighted by Dr. David Eisenberg's studies. Today the public is demanding alternatives, and post Flexner America is proving itself receptive for their return.

Why go to a CHIROPRACTOR?

Because Chiropractic benefits everyone!

Then why does only 10% of the population utilize chiropractic as a health care choice? Because the general public needs to be more fully educated as to how chiropractic can help them support a healthy life! Chiropractic needs to expand its efforts of educating the public regarding the benefits associated with chiropractic care.



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The "*CHIROPRACTIC TODAY*" video programs were designed to assist in this educational process. Segments feature well-known leaders in the field who discuss:

Volume 1: Philosophy and Wellness: Lisa K. Bloom, D.C. & Judy Silvestrone, D.C.; **Research; Asthma; Otitis Media:** Anthony Rosner, Ph.D. & Donald Dishman, D.C.; **Headache/the Duke University Study:** Thomas Ventimiglia, D.C. & Joseph Pfeifer, D.C.; **Chiropractic in Hospitals:** Lee Van Dusen, D.C. & Michael O'Connor, D.C.

Volume. 2: Back Pain: Scott Surasky, D.C. & Paul Dougherty, D.C.; **Geriatrics:** Julie Plezbert, D.C. & Philip Santiago, D.C.; **Pediatrics:** Joan Fallon, D.C. & Meghan VanLoon, D.C.; **Nutrition:** David Seaman, D.C. & Robert Ruddy, D.C.

Volume 3: Enhancing Sports Performance: Jack Barnathan, D.C. & Russ Ebbets, D.C.; **Sports Injury:** Philip Santiago, D.C. & Dale Buchberger, D.C.; **Golf:** David Seaman, D.C. & Thomas La Fountain, D.C.; **Ergonomics and Repetitive Stress Injuries:** Dennis Homack, D.C. & Joseph Pfeifer, D.C.

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 New York Chiropractic College, 2360 State Route 89, Seneca Falls, NY 13148
 Tapes can be ordered on line at https://www.nycc.edu/chirotoday/video_order.html.



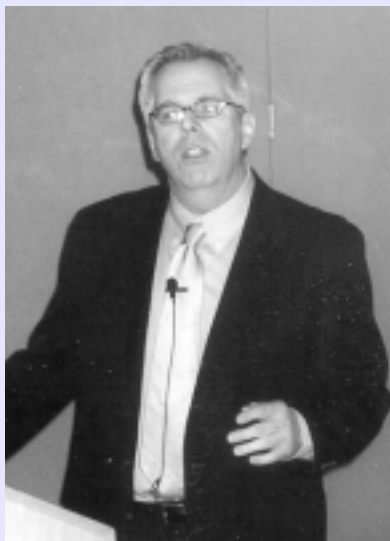
Jennifer Bou, 8th trimester, and her mother, Dr. Rosemarie Bou '93

NYCC Presents: A New Graduate "Boot Camp" and Postgraduate-Continuing Education Seminars to Downstate Alumni



Dr. John LaMonica '85 and Dr. Frank J. Nicchi '78, NYCC President

On January 26th New York Chiropractic College presented a "Boot Camp" for recent graduates that included seminars on Nutritional Applications for Chiropractic Practice, and Integrative Care of Low Back Pain: Conservative & Surgical Management. The College offered programs to NYCC alumni as an expression of appreciation for their valued support. The programs, held at the LaGuardia Marriott hotel in Queens, NY, attracted over 140 alumni and were presented in a concurrent format. Attending doctors earned continuing education credits and were treated to a stellar group of program speakers—all of whom are NYCC alumni. Among the speakers were Drs. Jack Beige, Malcolm Levitin, John LaMonica, Neil Brodbeck, David Seaman and Scott Surasky.



Dr. Scott Surasky '81

His talk touched on recent NIH funding for the College's research department, and initiation of the clinic education program for our interns at the National Naval Hospital at Bethesda. Dr. Nicchi assured all in attendance that the College remains committed to its alumni, and he expressed his deep appreciation for the support they had shown the school.

A cocktail reception capped off the busy day and provided everyone with an opportunity to renew old friendships and enjoy the fellowship of colleagues. The successful alumni event demonstrated the College's committed effort to forge lasting relationships with its alumni and to enhance their professional lives through high-quality educational programs.



Dr. David Seaman '86 and Dr. Frank J. Nicchi '78, NYCC President

The program also drew representatives from several companies that have long supported the profession, including Budget X-ray; Dale Professional Supply Company, Inc.; Fusco, Bradenstein & Rada, Esq.; and the NCMIC Group, Inc. NYCC President, Dr. Frank Nicchi, was delighted at the large turnout and welcomed the guests.



Dr. Malcolm Levitin '78, Dr. Frank J. Nicchi '78, NYCC President, and Dr. Jack Beige '66

New York Chiropractic College Presents
Reunion & Unity Day 2002
 July 19-21

Proudly celebrating Our 10th Anniversary in Seneca Falls and Honoring Our Alumni for their Dedication to the Profession

MOST EVENTS FREE OF CHARGE FOR NYCC ALUMNI

Friday, July 19, 2002

Friday afternoon

- 12noon-4:30pm *Enjoy Unity Day's "Friday Movie Matinee" & Weekend Registration
Unity Day Field*
- 3pm-4:30pm *ThinkFast Game Show
Unity Day Field*
- 5:30pm-7:30pm *Student/Alumni Mix n' Match
Welcome Reception
Waterloo Holiday Inn Poolside*

Saturday, July 20, 2002

Saturday morning

- 7:30am-9:30am *Registration for CPR & Brightcourse.com
On-line Seminar on Risk Management of
Sexual Harassment
Continental Breakfast
Academic III Lobby*
- 7:30am-11:30am *Alumni & Friends Golf n' Gab
Silver Creek Golf Course
Separate Registration & Fee Required*
- 18-Holes Shotgun Start
Greens Fees, Cart, and Refreshments
Included*
- 8:30am-11:30am *CPR Renewal (Limited to 100)
Academic I Room 202
(Seating at 8:30, 9:30, 10:30)*
- 8:30am-5pm *Risk Management of Sexual Harassment
Brightcourse.com On-line Seminar
Academic I Room 101
(Approximately one hour session)*
- 9:30am-5:30pm *Research & Poster Presentations
Academic III Second Floor Hallway*

Saturday, July 20, 2002

Saturday afternoon

- 11am-12:30pm *Alumni & Friends Luncheon
Academic III Patio*
- 11am-5:30pm *Exhibitor Fair
Academic III Lobby*

**Continuing Education Program
(Earn 6 Credit Hours)**

- 11am-3:30pm *Registration for Credit Courses
Academic III Lobby*
- 12noon-3pm *Lisa Bloom, DC, DACS, DIBCN
Rationale for Treating the Asymptomatic
Patient: A Review of the Literature on
Immobilization Degeneration & Central
Nervous System Processing of Nociceptive
Afferents
Academic III Room 110
Earns 3 Credit Hours*
- 12:30pm-2:30pm *Panel Discussion-Starting Your Practice;
Making Informative Choices
Academic III Room 111*
- 2:45pm-3:15pm *Refreshment Break*
- 3:15pm-6:15pm *Meghan VanLoon, PT, DC, DICCP
The Pregnant Woman: How Chiropractic
Can Influence Some Common Conditions
Academic III Room 110
Earns 3 Credit Hours*
- 7pm-8pm *Social Hour & Hors d'oeuvres*
- 8pm-1am *Alumni Recognition Dinner Dance
Waterloo Holiday Inn
Chancellor Ballroom
Separate Registration and Fee Required*

Programs and schedule subject to change.

For additional information call 315-568-3065, Ext. 3065 or e-mail dzink@nycc.edu.

Investiture Rescheduled

The Presidential Investiture for
Frank J. Nicchi, D.C.
has been rescheduled for Saturday,
June 29, 2002 from 2:00 pm to 4:00 pm
on the NYCC Campus in Seneca Falls.

For additional information, please contact Diane Zink at (315) 568-3065
or by e-mail at dzink@nycc.edu.



Bring the family! Drs. Maria Rossi '82 (2nd from right) and Richard Pashayan '82 (3rd from left) and family, of Flushing, NY, (some of whom see chiropractic in their futures) enjoyed a campus visit.

Mark Your Calendar NOW!

The Annual Alumni Golf Outing
is coming up
Thursday, September 19th.

Look for details in our next issue.



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for recommending qualified students to our Fall 2001 class:

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Dr. Edwardine R. Drost
Fort Erie, ON CANADA

Dr. Darryl L. Koch
Geneseo, NY

Dr. David Sewert
Newark, NY

Dr. Dana R. Anden
Belle Vernon, PA

Dr. Andrew Dunn
Worcester, MA

Dr. Thomas M. LaFountain
New Hartford, NY

Dr. Laina Shulman
London, ON Canada

Dr. Dimitrios Apostolopoulos
London, ON Canada

Dr. J. Russell Ebbets
Union Springs, NY

Dr. Scott Lee
Burlington, ON Canada

Dr. Timothy John Silvester
Orillia, ON Canada

Dr. Nanette M. Aquilina
New York, NY

Dr. Patrick A. Ensminger
Warren, OH

Dr. James R. Leff
Newark, NY

Dr. Michael Smatt
New York, NY

Dr. Stacy J. Aslan
Huntington, NY

Dr. Edward A. Epstein
Monticello, NY

Dr. Frank W. Little

Dr. Don Smith
Hilton, NY

Dr. Steven Averbach
Highland, NY

Dr. Peter Ferguson
Canton, OH

Dr. Joseph J. Lombino
Monroe, NY

Dr. Francis Smith
Burlington, VT

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Dr. Ed Lubberdink
Toronto, ON Canada

Dr. Matthew J. Somers
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Canton, OH

Dr. Michael A. Stachacz
Blakely, PA

Dr. Daniel Bettioli
Southern Pines, NC

Dr. Chas Gaertner
Chapel Hill, NC

Dr. Mark McAdoo

Dr. Dean C. Michlowski

Dr. Christopher A. Stahl
Skaneateles, NY

Dr. Bret Biamonte
Niagara Falls, ON Canada

Dr. Michael A. Giorando
Fayetteville, NY

Dr. Colm T. Murphy
Brighton, NY

Dr. Keith E. Stiger
Williamsport, PA

Dr. Anthony J. Bianchi
Cheektowaga, NY

Dr. Marcella Glaeser
Canandaigua, NY

Dr. Thomas Notaro
Niagara Falls, NY

Dr. Christine R. Sullivan
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Dr. Nori Connell
Clermont, NY

Dr. William Gonzalez
Muayaguez, PR

Dr. Michael Scott Osborne
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April 2002 - July 2002 Seminars

April 6-7, Cervicogenic Disorders, Headache, 1 weekend; 12 hours; Course Coordinator: Christopher Colloca, D.C.; Location: Video Teleconferenced Depew, NY; Levittown, NY, Syracuse, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

April 6-7, Fitness, Strength & Performance, 1 weekend; 12 hours; Course Coordinator: NYCC; Location: Levittown, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

April 6-7, Acupuncture, Session 1; 15 hours; Course Coordinator: John Amaro, D.C.; Location: Hartford, CT; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

April 6-7, How to Clone a Wholistic Practice, 1 weekend; 12 hours; Course Coordinator: John Brimhall, D.C.; Location: Kerhonkson, NY (Catskills); Chairperson: BCS/Nutri-West; Contact: Jerry Berman, 914-651-1040.

April 6-7, Independent Medical Examination - Session 1, 1 weekend; 12 hours; Course Coordinator: Katherine Denow, D.C.; Location: Newark, NJ; Chairperson: Denow Chiropractic Center; Contact: H. Katherine Denow, D.C., 609-883-0270.

April 13-14, Chiropractic Nutritionist Program - Session 2, 12 hours; Course Coordinator: David Seaman, D.C.; Location: Video Teleconferenced Depew, NY; Levittown, NY, Seneca Falls, NY; and Syracuse, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

April 13-14, Neuronal Conduction Certificate Program, Session 1; 12 hours; Course Coordinator: Roger M. Nelson, PT; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, PT, 800-814-8712.

April 13-14, Medical Acupuncture Fellowship, Session 3; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: St. Louis, MO; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

April 13-14, I.C.E.S., Session 4; 12 hours; Course Coordinator: Carl L. Valvo, D.C.; Location: Hartford, CT; Chairperson: I.C.E.S.; Contact: Independent Chiropractic Examiners Society, 914-803-1374.

April 13-14, Medical Acupuncture Fellowship, Session 1; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Kansas City, MO; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

April 18-21, Active Release Technique - UE 3 days; 26 hours; Course Coordinator: P. Michael Leahy, D.C.; Location: Vancouver, BC, Canada; Chairperson: Champion Health; Contact: A.R.T., 888-396-2727.

April 19-21, Diplomate in Neurology, Session 14; 24 hours; Course Coordinator: Joseph Ferezy, D.C.; Location: Levittown, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

April 20-21, Medical Acupuncture Fellowship, Session 3; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Chicago, IL; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

April 20-21, Six Steps Toward Restoring Normal Joint Function, 1 weekend; 12 hours; Course Coordinator: Evan Mladenoff, D.C.; Location: Philadelphia, PA; Chairperson: Nutri West; Contact: Nicole Mincy, 1-973-744-1155.

April 20-21, Independent Medical Examination - Session 2, 1 weekend; 12 hours; Course Coordinator: Katherine Denow, D.C.; Location: Newark, NJ; Chairperson: Denow Chiropractic Center; Contact: H. Katherine Denow, D.C., 609-883-0270.

April 20-21, Electrophysiologic Evaluation, Session 7; 12 hours; Course Coordinator: Roger M. Nelson; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, 800-814-8712.

April 20-21, Medical Acupuncture Fellowship, Session 1; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Dallas, TX; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

April 20-21, Sacro Occipital Technique - Extremities, 1 weekend; 12 hours; Course Coordinator: Rob Klingensmith, D.C.; Location: Indianapolis, IN; Chairperson: SOTO-USA; Contact: SOTO-USA, 336-760-1618.

April 25-27, Neurology Review 3 days; 22 hours; Course Coordinator: Joseph Ferezy, D.C.; Location: Levittown, NY; Chairperson: Event Management Services; Contact: Rosemarie Burrafato, 800-434-3955.

April 26-28, Footlevelers - 50th Anniversary, 3 days; 18 hours; Course Coordinator: Yolanda Davis; Location: Newark, NJ; Chairperson: Yolanda Davis; Contact: Footlevelers, 800-553-4860.

April 27-28, Chiropractic Pediatrics - Birth, 1 weekend; 12 hours; Course Coordinator: Joan Fallon, D.C.; Location: Video Teleconferenced Depew, NY; Levittown, NY, Syracuse, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

April 27-28, Acupuncture Orthopedics, 1 weekend; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Minneapolis, MN; Chairperson: Int'l Academy of Med Acup; Contact: IAMA, 800-327-1113.

April 27-28, Conservative Treatment and Rehabilitation of Whiplash Injuries, 1 weekend; 12 hours; Course Coordinator: Gary Ierna, D.C.; Location: Syracuse, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

April 27-28, Sacro Occipital Technique - Pediatrics, 1 weekend; 12 hours; Course Coordinator: Rob Klingensmith, D.C.; Location: Providence, RI; Chairperson: SOTO-USA; Contact: SOTO-USA, 336-760-1618.

April 2002 - July 2002 Seminars

April 27-28, Whiplash Case Management, 1 weekend; 12 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Salt Lake City, UT; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

May 2-5, Active Release Technique - Spine, 3 days; 21 hours; Course Coordinator: P. Michael Leahy, D.C.; Location: Chicago, IL; Chairperson: Champion Health; Contact: A.R.T., 888-396-2727.

May 4-5, Ergonomics, Chiropractic in the Workplace, 1 weekend; 12 hours; Course Coordinator: Dennis Homack, D.C.; Location: Video Teleconferenced Depew, NY; Levittown, NY, Syracuse, NY;; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

May 4-5, Applied Kinesiology - 100 hr program, Session 8; 12 hours; Course Coordinator: Paul Sprieser, D.C.; Location: Newark, NJ; Chairperson: Paul Sprieser, D.C.; Contact: Paul Sprieser, D.C., 973-334-6053.

May 4-5, Medical Acupuncture Fellowship, Session 2; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Kansas City, MO; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

May 4-5, Clinical Electromyography for Beginners, 1 weekend; 15 hours; Course Coordinator: Roger M. Nelson, PT; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, PT, 800-814-8712.

May 4, Interpretation of the Clinical EMG Test, 1 day; 6 hours; Course Coordinator: Roger M. Nelson, PT; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, PT, 800-814-8712.

May 4-5, Sacro Occipital Technique - Extremities - Level I, 1 weekend; 12 hours; Course Coordinator: Rob Klingensmith, D.C.; Location: Levittown, NY; Chairperson: SOTO-USA; Contact: SOTO-USA, 336-760-1618.

May 4-5, Independent Medical Examination - Session 3, 1 weekend; 12 hours; Course Coordinator: Katherine Denow, D.C.; Location: Newark, NJ; Chairperson: Denow Chiropractic Center; Contact: H. Katherine Denow, D.C., 609-883-0270.

May 4-5, Acupuncture, Session 1; 15 hours; Course Coordinator: John Amaro, D.C.; Location: Hartford, CT; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

May 4-5, Acupuncture Orthopedics, 1 weekend; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Chicago, IL; Chairperson: Int'l Academy of Med Acup; Contact: IAMA, 800-327-1113.

May 11-12, Whiplash Case Management, 1 weekend; 12 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Albuquerque, NM;

Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

May 11, Nutrition A to Z - Support for the Subluxation, 1 day; 6 hours; Course Coordinator: Tyran Mincey, D.C.; Location: Pittsburgh, PA; Chairperson: Nutri West; Contact: Nicole Mincy, 1-973-744-1155.

May 11-12, How to Clone a Wholistic Practice, 1 weekend; 12 hours; Course Coordinator: John Brimhall, D.C.; Location: Hancock, MA; Chairperson: BCS/Nutri-West; Contact: Jerry Berman, 914-651-1040.

May 11-12, Neuronal Conduction Certificate Program, Session 2; 14 hours; Course Coordinator: Roger M. Nelson, PT; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, PT, 800-814-8712.

May 18-19, Activator Methods, 1 weekend; 12 hours; Course Coordinator: Antonette Stowell; Location: Newark, NJ; Chairperson: Activator Methods Int'l, Ltd.; Contact: Activator Methods, 800-598-0224.

May 18-19, Medical Acupuncture Fellowship, Session 2; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Dallas, TX; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

May 18-19, Chiropractic Rehabilitation - Lumbar, 1 weekend; 12 hours; Course Coordinator: Gary F. Ierna, D.C.; Location: Hartford, CT; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

May 18, Nutrition A to Z - Support for the Subluxation, 1 weekend; 6 hours; Course Coordinator: Tyran Mincey, D.C.; Location: Scranton, PA; Chairperson: Nutri West; Contact: Nicole Mincy, 1-973-744-1155.

May 18-19, Electrophysiologic Evaluation, Session 8; 12 hours; Course Coordinator: Roger M. Nelson; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, 800-814-8712.

June 1-2, Medical Acupuncture Fellowship, Session 3; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Kansas City, MO; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

June 1-2, Chiropractic Nutritionist Program Session 3;; 12 hours; Course Coordinator: David Seaman, D.C.; Location: Video Teleconferenced Depew, NY; Levittown, NY, Seneca Falls, NY and Syracuse, NY;; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

June 1-2, Sacro Occipital Technique - Level I Cranial, 1 weekend; 12 hours; Course Coordinator: Rob Klingensmith, D.C.; Location: Indianapolis, IN; Chairperson: SOTO-USA; Contact: SOTO-USA, 336-760-1618.

(Continued on next page)

April 2002 - July 2002 Seminars

June 1-2, Rehabilitation of the Spine, 1 weekend; 12 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Charleston, SC; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

June 1-2, Subluxation Complex, 1 weekend; 12 hours; Course Coordinator: Lisa Bloom, DC; Location: Columbus, OH; Chairperson: Footlevelers, Inc.; Contact: Footlevelers, Inc., 1-800-553-4860.

June 1-2, Acupuncture, Session 1; 15 hours; Course Coordinator: John Amaro, D.C.; Location: Hartford, CT; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

June 8-9, Sacro Occipital Technique - Cranial - Level II, 1 weekend; 12 hours; Course Coordinator: Rob Klingensmith, D.C.; Location: Levittown, NY; Chairperson: SOTO-USA; Contact: SOTO-USA, 336-760-1618.

June 8-9, The Cervical Spine and Upper Extremities, 1 weekend; 12 hours; Course Coordinator: Dale Buchberger, D.C.; Location: Newark, NJ; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

June 8-9, Neuronal Conduction Certificate Program, Session 3; 14 hours; Course Coordinator: Roger M. Nelson, PT; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, PT, 800-814-8712.

June 8-9, Whiplash Case Management, 1 weekend; 12 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Des Moines, IA; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

June 8-9, How to Clone a Holistic Practice, 1 weekend; 12 hours; Course Coordinator: John W. Brimhall, D.C.; Location: Davenport, IA; Chairperson: Nutri-West Central; Contact: Dani Bowlin, 800-383-0537.

June 8-9, Chiropractic Meridian Orthopedics, 1 weekend; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Philadelphia, PA; Chairperson: Int'l Academy of Med Acup; Contact: IAMA, 800-327-1113.

June 8-9, Chiropractic Pediatrics - Birth to 30 days, 1 weekend; 12 hours; Course Coordinator: Joan Fallon, D.C.; Location: Video Teleconferenced Depew, NY; Levittown, NY, Syracuse, NY; Chairperson: NYCC; Contact: Rosemarie Burrafato, 800-434-3955.

June 8-9, Medical Acupuncture Fellowship, Session 3; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Dallas, TX; Chairperson: nt'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

June 14-15-16, I.C.E.S., Session 5; 12 hours; Course Coordinator: Carl L. Valvo, D.C.; Location: Tarrytown, NY; Chairperson: I.C.E.S.; Contact: Independent Chiropractic Examiners Society, 914-803-1374.

June 15-16, Chiropractic Meridian Orthopedics, 1 weekend; 12.5 hours; Course Coordinator: John Amaro, D.C.; Location: Pittsburgh, PA; Chairperson: Int'l Academy of Med Acup; Contact: IAMA, 800-327-1113.

June 15-16, Electrophysiologic Evaluation, Session 9; 12 hours; Course Coordinator: Roger M. Nelson; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, 800-814-8712.

June 20-23, Active Release Technique - U.E., 3 days; 26 hours; Course Coordinator: P. Michael Leahy, D.C.; Location: Del Mar, CA; Chairperson: Champion Health; Contact: A.R.T., 888-396-2727.

June 22, Risk Management, 4 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Indianapolis, IN; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

June 22-23, Acupuncture, Session 1; 15 hours; Course Coordinator: John Amaro, D.C.; Location: Hartford, CT; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

June 22-23, Whiplash Case Management, 1 weekend; 12 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Indianapolis, IN; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

July 12-13, Acupuncture, Session 1; 15 hours; Course Coordinator: John Amaro, D.C.; Location: Hartford, CT; Chairperson: Int'l Acad of Med Acup; Contact: IAMA, 800-327-1113.

July 13-14, Whiplash Case Management, 1 weekend; 12 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Chicago, IL; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

July 13-14, Neuronal Conduction Certificate Program, Session 4; 14 hours; Course Coordinator: Roger M. Nelson, PT; Location: King of Prussia, PA; Chairperson: Ex Clin Benchmarks; Contact: Roger M. Nelson, PT, 800-814-8712.

July 20-21, Whiplash Case Management, 1 weekend; 15 hours; Course Coordinator: Guy Annunziata, D.C.; Location: Denver, CO; Chairperson: Dr. Guy's Seminars; Contact: Guy Annunziata, D.C., 843-342-7777.

July 27-28, How to Clone a Holistic Practice, 1 weekend; 12 hours; Course Coordinator: John W. Brimhall, D.C.; Location: Omaha/Council Bluffs, IA; Chairperson: Nutri-West Central; Contact: Dani Bowlin, 800-383-0537.

SACA Students Attend Conference in Washington, D.C.

by Laura Brayton, 7th Trimester

Over 40 students from NYCC's chapter of the Student American Chiropractic Association were in attendance at the National Chiropractic Legislative Conference in Washington, D.C., from March 6-9, 2002, to lobby for pro-chiropractic legislation. These students took time out of their busy schedules to travel down by bus to D.C. and make a difference for our profession.

The trip consisted of various meetings at the Hyatt Regency to inform members of the ACA and SACA about the current legislation as well as hear some key members of Congress and the new Surgeon General speak to the audience. The afternoons of Thursday and Friday consisted of lobbying appointments with health aids and/or the Congresspersons themselves. Students educated the legislators on chiropractic and our education level, and then proceeded to discuss the legislation. The legislation discussed was in regard to student loan reimbursement by incorporating chiropractic into the National Health Service Corps and allowing new doctors to practice in medically underserved areas for three years in exchange for loan forgiveness. We also talked about



NYCC Trustee Lewis J. Bazakos, D.C., SACA Advisor J. Russell Ebbets, D.C., NYCC President Frank J. Nicchi, D.C., and Chancellor Kenneth W. Padgett, D.C., pictured with NYCC Chapter of the Student American Chiropractic Association in Washington, D.C. Also present but not pictured was NYCC Chairman of the Board Peter Ferguson, D.C.

patients' bill of rights that allows patients to choose whom they would like as their primary care provider, including chiropractors. We also thanked the legislators for past support in passing the laws concerning chiropractic treatment for active military personnel and veterans.

At the conclusion of the meetings, we informed the legislators of the two chiropractors practicing on the Hill in the office of attending physicians, where they can experience chiropractic firsthand as patients. Also, we notified them of the ACA sponsorship of Derek Parra, gold and silver medalist in speed skating in the Salt Lake City 2002 Olympic Games. The trip also left time for socializing and networking with doctors and students from every state, at a wine and cheese reception and other outings held in the evenings in Georgetown.

Saturday allowed time for sightseeing in our nation's capital before we returned to Seneca Falls late that night.

Overall, the students attending the trip had a fabulous time learning about the current legislation affecting our profession, attending lobbying appointments and networking.



"Have A Heart" Fundraiser Supports Oklahaven Children's Pediatric Chiropractic Program

The "Have A Heart" fundraiser sponsored by NYCC's Student Government Association (SGA) raised \$236.07 for Oklahaven Children's Pediatric Chiropractic Program. This fundraiser was made possible by the SGA Executive Committee (L to R) John Saratsiotis, Treasurer, 5th trimester; Angelique Zaremba-Wroblewska, Secretary, 2nd trimester; Kristina Petrocco, Vice President, 5th trimester; and Carol Langenbach, President, 5th trimester. Many thanks to all of the students who donated.

Local Chiropractor Gathers Loyal Senior Following

by Vicki Baroody

Who says word-of-mouth is the only way for patients to spread the news about their chiropractor? Senior citizens Jane Cook, Pat Garnsey, and Pat's sister Alma Buckhout are thrilled with their chiropractor, and make every effort to credit Dr. Chris Ryan (NYCC '87) for their impressive athletic achievements. They've even gone so far as to silk-screen their bowling shirts with the slogan "CHRIS RYAN IMPROVED MY BOWLING SCORE AND MY GOLF SCORE." They can't seem to say enough about the benefits of chiropractic.

Jane, Pat and Alma see Dr. Ryan for monthly maintenance care and call him between visits whenever something is bothering them. If you can't find these ladies at the bowling alley or on the golf course, you might try the local dance studio where they take weekly tap-dancing lessons. They credit chiropractic for the spring in their dance steps as well. When they are not dancing or bowling, they enjoy walking and aquacise class in the pool at NYCC. Though all three have osteoarthritis, they do not let that slow them down!

How did they all happen to wind up in a chiropractor's office? Jane, Pat and Alma were all formerly patients of Dr. Kenneth Padgett (NYCC's Chancellor and former President) before he retired from practice. Jane, whose bowling average is 170, began seeing Dr. Ryan two years ago when her niece gave her a coupon. Pat has been Dr. Ryan's patient for the past three years and finds relief when her neck goes out of alignment and when one of her hands becomes so numb she can't use it. Alma was originally apprehensive about visiting a chiropractor due to stories she had heard, but allopathic remedies had done little to alleviate the severe migraine headaches that she suffered for years and that landed her in the emergency room on



(L to R) Jane Cook (79), Pat Garnsey (67), Dr. Chris Ryan and Alma Buckhout (69)

NYCC Graduate Returns to Tell of Middle East Chiropractic Practice



Dr. William O'Donnell

William O'Donnell, D.C., NYCC '00, has realized his dream of practicing chiropractic internationally. Upon graduation, he decided to take advantage of an opportunity in Saudi Arabia, where he sets up chiropractic clinics throughout the country, directs their spinal units, and practices as well. Dr. O'Donnell recently addressed a fascinated NYCC audience, advising them of some relevant considerations to be mindful of before plunging into an international practice. Most chi-

ropractors practice in four countries: United States, Australia, Canada and Great Britain. Of the other 121 countries where chiropractors practice, only 37 have chiropractic laws that govern the practice, and 84 have professional chiropractic associations. O'Donnell urged those considering international practice to be focused and open to new climates, cultures and environments. Opportunities abound. For example, Dr. O'Donnell enjoys a chiropractor-to-population ratio of approximately 1:2,000,000!

Dr. O'Donnell plans to open similar clinics in Great Britain and New York City when he leaves the Middle East. Leaving may not be so easy however, since he is now the proud owner of a camel given to him by a satisfied patient. How does one return to the United States with a camel? That may not be necessary, as he made it quite clear that camels fetch a handsome price in Saudi Arabia. Asked when he plans to leave, O'Donnell quipped, "When my camel is grown."

more than one occasion. Thanks to chiropractic, she is now migraine free. And if she starts to feel one coming on, she immediately makes an appointment to see Dr. Ryan before it develops.

What is it that Dr. Ryan does to cultivate such a loyal following? All three find benefit in Dr. Ryan's electric stimulus equipment (what they've dubbed the "Frankenstein machine"). Dr. Ryan explains that his treatment of geriatric patients is similar to that of younger patients, though he may "lighten up" on the amount of force he applies. As with other patients, he emphasizes correct posture.

True to character, Jane, Pat and Alma said Dr. Ryan was the only chiropractor who could put up with them. Nonetheless, no chiropractor could ask for three happier, more loyal customers than these.

NYCC Interns Benefit Greatly From Hospital Exposure

André Montgomery and Ian Paskowski both participated this past summer in the College's preceptorship program at Saint Joseph's Neighborhood Center, a multidisciplinary health-care facility operated by the Sisters of Saint Joseph's in Rochester, New York. They worked under the supervision of Fred Sanfilippo, DC, DABCO. In the fall, they participated in a preceptorship program at Rochester's Monroe Community Hospital under the supervision of Donald Dishman, D.C., M.Sc. André Montgomery claims that, at first, the medical personnel at the hospital weren't certain what to expect from the interns. "Generally," he adds, "the medical profession is not aware just how extensive chiropractic education is." Over time, however, the medical doctors began to appreciate the interns'



André Montgomery,,
10th Trimester

knowledge and skills, particularly when they ably engaged in "medical" dialogue, and successfully treated patients whose neuromusculoskeletal conditions had not responded favorably to medication. When Montgomery and Paskowski turned over the

Saint Joseph's Neighborhood Center preceptorship project to two other NYCC interns, the center's staff surprised them with a farewell party. Apparently, profession barriers had dissolved.

During their stint, both interns were surprised at how quickly and enthusiastically chi-

ropractic was embraced by the patients. Within two weeks the interns were seeing 12 patients during four-hour blocks. At times, they saw patients every quarter hour! André feels that multidisciplinary practice will eventually characterize the future of American health care, since no single profession can successfully treat every condition that enters the office. As he puts it, "Multidisciplinary practice offers the best of both worlds." Both interns felt that their NYCC education prepared them well. They would feel more than comfortable practicing chiropractic in any setting. As for the preceptorship program? Ian and André strongly advocate preceptorship programs of this kind. They feel students at all chiropractic colleges would benefit from such opportunities.



Ian Paskowski,
10th Trimester

NYCC Educator Attends Australian Conference

Dr. Sherri LaShomb recently returned from Perth, Australia, where she attended the 15th International Federation of Sports Chiropractors (FICS) International Chiropractic Symposium. FICS stages the annual conference in a different country each year. At the symposium, Dr. LaShomb was awarded the ICSSD, the International Chiropractic Sports Science Diploma. This academic qualification is conferred by FICS, Northwestern Health Sciences University, and RMIT University. In order to receive this

distinction, the doctor of chiropractic must have the CCSP degree, complete modules 1 and 2 of the FICS conference, and provide documentation of time spent treating athletes. ICSSD is the minimum qualification required to serve on an FICS delegation for an international event. FICS chiropractors have long participated in the Olympic Games, All African Games, Goodwill Games, and the Mediterranean Games. Dr. LaShomb was recently selected to treat athletes at next year's All African Games in Nigeria.



(L to R) Dr. Daniele Bertamini (President of FICS), Dr. Noel Patterson, Dr. Sherry LaShomb and Dr. Brian Nook

Chiropractor to Rock & Roll Legends Shares Some Tales

Lester Licht, D.C. (NYCC '83), has run a chiropractic practice in West Haven, CT for the past 15 years. He related how much he has enjoyed developing his unique chiropractic niche – treating rock & roll musicians. His interest in rubbing elbows with the celebrities (and later their backs) began back in 1969 as he worked at the Woodstock Festival. That's where he got the "band bug," and a few years later he was setting up for such bands as The Papa John Creech Band. More recently, when Jefferson Airplane visited New Haven, Dr. Licht asked a band member, Papa John Creech, to sign a photo he had taken of him in 1977. Shortly thereafter, Licht found himself backstage administering chiropractic therapy to Jack Casady, legendary bass player for such bands as Jefferson Airplane,

Hot Tuna and Jefferson Starship. Dr. Licht also adjusted Darby Gould, who was then singing in Gracie Slick's role. Dr. Licht continues to treat Jefferson Airplane members whenever they play near New Haven.

A Grateful Dead fan for over 30 years, Dr. Licht met keyboard player Bob Weir during an engagement in New Haven and wound up treating him the next day at his chiropractic office. The treatment session lasted about an hour, and Licht used the opportunity to pepper Weir with all sorts of questions. The Grateful Dead's band members practiced Yoga and Dr. Licht observed that their physical condition benefited. After Jerry Garcia's death and the Dead reunited under another name, Licht was called upon to treat the members as well as their wives and children!



Bob Weir, keyboard player for Grateful Dead, and Dr. Lester Licht '83



(L to R) Jack Casady and Jorma Kaukonen, founding members of Jefferson Airplane and Hot Tuna, are both inductees in the Rock-n-Roll Hall of Fame. (Note the wording on Casady's t-shirt).

Backstage at the Mid-Hudson Civic Center one night, Dr. Licht was approached by guitarist Mark Karan of The Rembrandts and The Other Ones, who currently plays lead guitar for Bob Weir's new band. Years of guitar playing had taken its toll on Karan's wrist, and Dr. Licht executed an adjustment he learned at NYCC specially intended to relieve wrists. After a loud pop, Karan was back playing the guitar – this time pain free. Karan claims today, three years later, that he's had no pain or problem with his wrist since.

The list of famous performers Licht has treated is noteworthy. He had the good fortune to meet and/or to treat Bob Weir, Jack Casady, Phil Lesh, Mickey

Hart, Bruce Hornsby, Bill Kreutzman, Marty Balin, Paul Kantner, Diana Mangano, Merl Saunders, Mark Karan, Dave Ellis, Jay Lane, and The Persuasions – many of whom have been inducted into the Rock & Roll Hall of Fame. Impressed with the number of star relationships that arose on the heels of Dr. Licht's backstage introductions, I teasingly asked where I might acquire some backstage passes. Licht's response startled me: "I've got stacks of laminated backstage passes, but the one I most treasure is the Red Cross Ground Zero access pass. That one represents much more than fun and friends. That one's from the heart."



Dr. Dennis Homack

NYCC's Public Education At The Fire Hall

by Dennis Homack, D.C., C.C.S.P., Assistant Professor

When I tell someone I am a chiropractor, I am not just telling them what I do, but what I am! Fortunately, I get great satisfaction talking to people about not only chiropractic, but also about our excellent college, our talented students and where I see the profession heading.

Recently, I spoke to the Fayette Fire Department on behalf of NYCC's Public Education Committee. Although I have worked with a number of emergency response teams in the past, I felt a heightened level of interest while preparing the lay lecture for a fire department following the September 11th catastrophe.

Since I have an interest in ergonomics, I fully understood the mechanics experienced by the bodies of these brave men. But in addition, I have since acquired a newfound respect for their commitment and stresses. At their insistence, I donned their fire gear and performed a few of the movements and tasks they are required to conduct. I carried their equipment and compared various methods available to lift such items as coiled hoses, air tanks and axes. Believe me, they are heavier than they look! After about thirty minutes I was quite fatigued. Just imagine the workout these men suffer during the course of a real rescue. Needless to say, these professionals impressed me.

NYCC Anatomy Professor Educates Keuka Undergraduates

Professor Robert A. Walker, Ph.D., biological anthropologist, anatomist, and head of NYCC's Department of Anatomy, received the Daisy Marquis Jones Program of Occupational Therapy Outstanding Service Award. The award recognizes the important work Dr. Walker has done with Keuka's occupational therapy students over the last four years. Walker has long encouraged the class to visit the lab each year and observe human anatomy in the cadavers. While visiting Keuka College, Walker addressed students enrolled in an occupational therapy class and discussed how human skeletal bone mass, particularly that of the femur, varies between populations, sexes, and ages. He explained, for example, how osteoporosis affects different population groups. Despite claims to the contrary, Dr. Walker's research has shown that once differences in body size and limb proportions are taken into account, the various ethnic groups' rates of osteoporosis vary little.



Dr. Robert Walker

NYCC's Dr. Sherri LaShomb Selected To Treat Olympic Athletes

Sherri LaShomb, D.C., who teaches at NYCC's Depew Health Center, joined 33 Doctors of Chiropractic who treated athletes representing the various countries at the XIX Olympic Winter Games. The Olympian's chiropractic clinic, located on the University of Utah campus just outside Olympic Village, was hosted by the World Olympic Association and remained open daily from noon to 10:00 p.m. The clinic's proximity permitted athletes from those countries without chiropractors to have full access to chiropractic services. The doctors worked different shifts, allowing them an oppor-

tunity to enjoy Olympic activities.

Whenever international events that are held in the United States are in need of chiropractors, the United States Sports Chiropractic Federation (USSCF) reviews credentials and processes applications. Successful applicants are chosen for their demonstrated experience, postgraduate education, involvement in research, publications, and their attendance at sports-related symposia. The USSCF is an important member of the International Federation of Sports Chiropractors (FISC), the international governing body for chiropractic and sports.



Dr. Sherri LaShomb

Dr. LaShomb had little time to prepare for her trip. Her first challenge involved the purchase

of reasonably priced airline tickets to Salt Lake City. She packed cold-weather clothes along with USA flags, pins and other gear. Pin trading, it turns out, is very popular at the Olympics and is a great way to meet people from all over the world. "The pins make a great bulletin board for the office waiting room!" said Dr. LaShomb, and she freely expressed her delight at having been chosen to join USSCF efforts in offering chiropractic services to the athletes. She is delighted to have worked with the world's greatest athletes and chiropractors.

NYSCA's Napolitano Award Goes to Dr. Malcolm Levitin

The New York State Chiropractic Association (NYSCA) awarded Malcolm Levitin, D.C., F.A.C.C. (NYCC '78), its highly esteemed Napolitano Award in recognition of his many professional accomplishments. The distinguished award honors Ernest G. Napolitano, D.C., founder and first president of New York Chiropractic College, and is given to those individuals who best demonstrate selfless contributions to the chiropractic profession in the State of New York.

Dr. Levitin has served as chair of the New York State Workers' Compensation Board's Chiropractic Practice Committee since 1995, and currently performs as an auxiliary examiner on the National Board of Chiropractic Examiners. In ad-



dition, Dr. Levitin has led several NYSCA committees, including stints as chair of the NYSCA Convention and Education Committees, and president of NYSCA's District 6 - Nassau County.

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SGA Sponsors NYCC Recognition Day

NYCC Recognition Day was sponsored by the Student Government Association (SGA). President Frank J. Nicchi, D.C., presented a Presidential Forum "Overview of the Institution and the Chiropractic Profession" which was followed by an open



(L to R) Frank Sessa, 3rd Trimester, (winner of the Tony's Adjusting Table) President Frank J. Nicchi, D.C., and Carol Langenbach, SGA President, 5th Trimester.



Andrew Wheelock, 3rd Trimester, (winner of a DVD player).

question and answer session. Students were encouraged to wear clothing bearing the NYCC logo. The NYCC bookstore supported this effort as well by providing discounts on NYCC logo clothing. The office of Student Life provided the Tony's Adjusting Table and the DVD player.

Fifth Annual Research Symposium

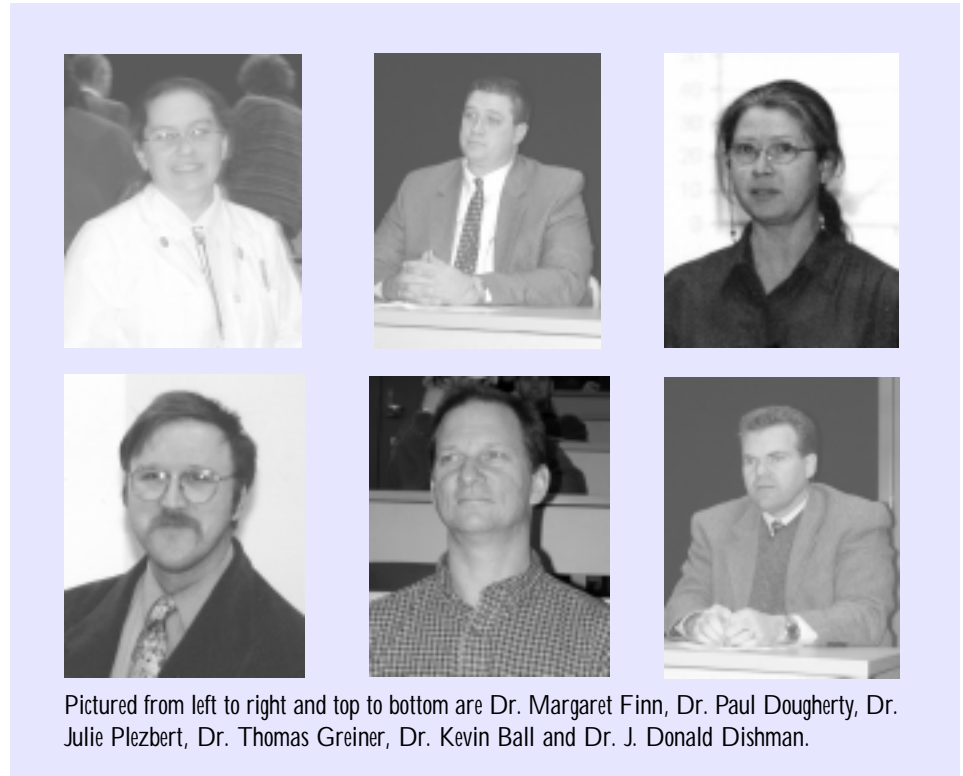
by Thomas Greiner, Ph.D.

Despite a last-minute rescheduling of the symposium's second session, as well as a severe Seneca Falls snow storm, January's Fifth Annual NYCC Research Symposium enjoyed strong attendance. The annual research symposium is intended to inform the NYCC community regarding campus research, provide a forum for participants to hone their presentation skills prior to formal professional scientific meetings, and encourage greater involvement in research by all members of the NYCC community.

The name Research Symposium was chosen to reflect the eclectic efforts of our community members. Research, in its broadest sense, describes any scholarly effort; and all efforts—including education design, biochemical analysis, historical perspectives, clinical case studies, nascent research proposals and basic anatomical descriptions—are valued. This year's symposium included twelve presentations compiled by 27 different researchers. The hard work of the research department faculty is to be commended, as are the efforts of all participants.

Dr. Margaret Finn evaluated the efficacy of new learning technologies as measured by outcomes assessment. The implications of her research were particularly relevant to the NYCC faculty, who find themselves challenged by the new educational technologies now available on campus. Dr. Christopher Good, as a last-minute addition, modeled how he is attempting to cross generational boundaries and make chiropractic philosophy more relevant to current student populations.

Several presentations evaluated aspects of the chiropractic model. For example, Dr. Paul Dougherty documented the associations between transitional lumbar vertebrae and lower back pain. Dr. Dale Buchberger presented a case study of a patient suffering from posterior shoulder pain. He also demonstrated how a chiropractor can successfully work in close association with an orthopedic surgeon to benefit patients. Dr. Donald Dishman presented his continued cutting-edge work in the



Pictured from left to right and top to bottom are Dr. Margaret Finn, Dr. Paul Dougherty, Dr. Julie Plezbert, Dr. Thomas Greiner, Dr. Kevin Ball and Dr. J. Donald Dishman.

use of transcranial magnetic stimulation to document specific effects of spinal manipulation on the nervous system. Dr. Veronica Sciotti reported her results concerning trigger-point phenomena using microdialysis. Her findings suggest that the currently favored theories may perhaps not explain what it is that causes and maintains trigger points. In a related study, Dr. Lillian Ford reported that diagnostic ultrasound imaging and clinical palpation do not reliably identify the same trigger-point phenomena.

In other clinically relevant investigations, Dr. Julie Plezbert reported how the use of the herb *Arnica montana* as a treatment for delayed-onset muscle soreness (DOMS) may be effective in controlled circumstances, but that indiscriminate over-the-counter use is probably not beneficial. Eighth trimester student Scot Woodward used NYCC's gait lab equipment to evaluate the functional asym-

metries associated with clinically diagnosed leg-length inequalities. He found that actions at the subtalar joint may compensate for functional malalignment of the lower limb. Matthew Cowley presented a kinematic and kinetic model of the foot that can be used to enhance consistency in the diagnosis and treatment of foot abnormalities. Dr. Kevin Ball reported how metal expansion that arises due to body heat from a subject's bare foot may influence the data collected from force plates and thereby undermine the validity of many balance studies.

Dr. Thomas Greiner offered an analysis of bipedal locomotor styles among apes and humans, which will serve as the basis for establishing a sequence of gait pattern changes during the evolution of human locomotion.

(Continued on next page)

NYCC's Dr. Ross Kennard Explores Physiological Changes Triggered by Healers' Touch

Dr. Ross Kennard's (Dec. '01) research project, *Hands-on Healing: An Exploration into Chiropractic Intent and the Laying on of Hands*, was designed to determine whether the intent of the healer (the chiropractor) whose hand comes in contact with individuals suffering from an acute neuromusculoskeletal injury could generate measurable physiological change. Kennard began his investigation using noninvasive cardiovascular-autonomic measurements and collected data from six subjects. Three of the subjects were touched by chiropractors and three experienced the touch of prosthetic hands, though the latter were unaware the hands were artificial. To measure physiological changes Dr. Kennard used galvanic skin response, heart rate, blood pressure, baroreceptor sensitivity and distal finger temperature. He has just begun to analyze the data.

The research was geared to determine whether a healer's intention, together with therapeutic touch, would help facilitate and influence matter in the body of a patient and thus promote favorable metabolic, neurologic, humoral and psychological changes in the individual. This research could shed light on such lively topics as the therapeutic-touch



Dr. Ross Kennard

effect, the placebo effect, the mind-over-body paradigm, and the implications involved in using "hands on" as a sham adjustment. The results could also influence how colleges educate future chiropractors and the role human intent plays in clinical settings.

When asked what significance Dr. Kennard expected his research to have, he said that the goal of the research was to show that a doctor's intent and state of awareness may influence the patient's psychoneuroimmunology. It was, therefore, of prime importance for researchers to successfully measure sympathetic hormonal changes within the body. Once it is shown that a healer's intention (along with congruent intentionality of the patient) can create a sympathetic resonance that facilitates particular metabolic, neuroplastic and neuropeptid changes involved in healing, educational institutions may decide to incorporate course work that teaches the mechanisms involved in healing and may endeavor to help their students develop the means to enhance their mental focus and intent so as to better control favorable emotional and bioelectromagnetic fields.

According to Dr. Kennard, future research projects along these lines are likely to involve a means to measure minute physiological changes in the body on an electromagnetic/chemical/hormonal basis. Dr. Kennard cites, for example, the work at Stanford University of Dr. William Tiller, who is seeking a means to actually measure intent. Will Kennard return to research? Only after he successfully establishes his practice and enjoys a degree of economic comfort will he continue where he left off. When asked where he thinks such research will lead, Dr. Kennard alluded to the current race between mind and technology. He challenges, "Can our biological species learn to heal itself, or is it going to depend on mechanical equipment?" In fact, science is already beginning to develop electromagnetic devices that measure pathologies. He speculates that science will soon learn to turn things around and use the same electromagnetic fields that currently damage tissue to regulate enzymes and genetic material that promote growth and healing.

Fifth Annual Research Symposium (Continued from previous page)

Dr. Raj Philomin presented an anatomical case study of an abnormal vertebral artery. He demonstrated that the literature is full of contradictions on the frequency of variations in this artery, and that its embryological development could possibly give rise to a number of clinically relevant variants.

Both sessions of this year's research symposium concluded with a discussion, led by Dr. Frank Nicchi, on the development of an NYCC research culture. Dr. Nicchi emphasized that the academic community should "think outside the box" and broaden its perspective — always keeping

an eye out for data that may prove relevant to chiropractic clinicians. He encouraged greater effort in communicating how research results might benefit the field practitioner. He also urged students and faculty to get involved with NYCC's Journal Club as a vehicle for achieving this goal.

This year's symposium generated greater attendance than last year's. Clearly, NYCC supports a thriving research culture. The College is likely to play an increasingly important role in research developments impacting the entire profession.

Ithaca College Students Conduct Research at NYCC

NYCC's research department is supervising the research of Ithaca College physical therapy students working to earn their master's degree. Dr. Kevin Ball was recruited two years ago to serve as faculty supervisor to the students, and has made every effort to create a mutually beneficial learning opportunity for the DC students and PT students alike. Ithaca's students begin their experience by spending several weeks reviewing research literature. When the review is completed they design a research study and execute it. Their program culminates in literature review papers as they perform roles as junior researchers in the production of preliminary reports.

Until recently, NYCC sought a means to officially recognize its own students' participation in such a program. With the introduction of this new Directed Research elective, the College may now efficiently provide richer educational opportunities. More particularly, the research experience will encourage students to perform critical and thorough reviews of the literature regarding orthope-

dic assessment of the foot and ankle, and will additionally address relevant variables introduced by the use of orthotics. Student research teams will each create and carry out their respective research projects. While general topic areas are predetermined, specific aspects that relate to topics and approaches will involve a rich discovery process. At each step students are queried; What do we know? What do we think we know? What are we certain that we don't know? and finally, How can we best find out?

Ithaca College intern Amy Cole explained how the physical therapy program taught her what to look for. She feels, however, that the computers provide a broader spectrum of information: "Now we have both the qualitative data from direct observation as well as quantitative data generated by the computer." When asked why the quantitative analysis was important, she explained that such data could be used to help determine appropriate treatment, or to document improvement and enable meaningful communication among relevant experts. Cer-

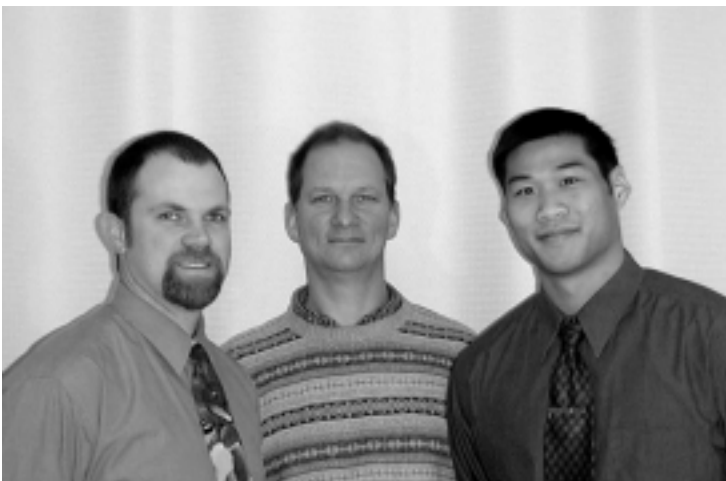
tainly, any attempt at diagnostics and treatment plans would benefit from the blend of objective measurement and direct observation, since objective measurements help gauge progress. In addition, the research data may be meaningful for purposes of insurance reimbursement and for settling upon those treatments that



(Standing L to R) Ithaca College interns Lauren Bellows, Alyssa Bauersmith, Amy Cole and Elizabeth Galli. (Kneeling) Dr. Kevin Ball

render the best results. Cost-benefit analyses that flow from the data would be of assistance in outlining treatment protocols. Standard protocols for gait analysis involve force plates for balance and cameras for motion.

The physical therapy students will earn course credits, as will participating NYCC students. This kind of intercollegiate collaboration exposes the subtle differences that exist between the two disciplines. Students will come away with a greater understanding about critical thinking, external viewpoints, lateral thinking, functional anatomy, and interdisciplinary health-care approaches. Dr. Ball thoroughly enjoys working with the students and relishes their unrestrained enthusiasm.



(L to R) Scot Woodward, 8th trimester, Dr. Kevin Ball and Thien Dang-Tan, 6th trimester

A New, Once-Yearly Osteoporosis Treatment

by Kimberly Ryder, Ph.D.

A recent report in the New England Journal of Medicine (NEJM) (346:653-661, Feb. 2002) revealed that a single yearly dose of zoledronic acid may be an effective treatment for osteoporosis. Zoledronic acid, also known as Zometa, is the most potent bisphosphonate used for osteoporosis treatment. Bisphosphonates are incorporated into the bone matrix and inhibit osteoclast resorption of bone. This prevents or slows the further loss of bone, and results in increases in bone mineral density as resorption is slowed. One problem with bisphosphonate use is that daily doses are often recommended because of the low potency of this class of medicines. Additionally, gastrointestinal side effects are common, and this limits the oral dose tolerated.

In the study reported in NEJM, administration of zoledronic acid intravenously circumvented this problem. Three hundred and fifty-one post-menopausal women with low bone mineral density participated in the study. The women received a placebo or zoledronic acid in doses of 0.25 mg, 0.5 mg, or 1 mg

every 3 months. Another group received 2 mg every 6 months, and one group received one dose of 4 mg. Bone mineral density was assessed at 12 months. For all zoledronic groups, there was a similar and significant increase in lumbar bone mineral density of approximately 5% ($P < 0.001$) compared to the placebo group. Bone mineral density was also 3% greater ($P < 0.001$) in the femoral neck with zoledronic acid treatment. These gains represent a significant improvement, as even slight increases in bone mineral density have been associated with reduced risks of fracture. These gains are also similar to those seen with oral dosing.

Novartis, the maker of Zometa, has recently begun a Phase III study program on the effectiveness of zoledronic acid given as a yearly dose. The study, called HORIZON (Health Outcomes & Reduced Incidence with Zoledronic Once Yearly), will be one of the largest osteoporotic studies undertaken and will examine one single dose per year of 5 mg. The convenience of a one time per year dose compared to daily oral dosing should



Dr. Kimberly Ryder

be very encouraging for the 44 million U.S. men and women, 50 years or older, who are currently suffering from osteoporosis.

Dr. Inzerillo Leaves NYCC To Further His Education

At the close of the fall 2001 trimester, James Inzerillo, D.C., left his teaching position at NYCC to attend medical school at Ross University in Dominica. Having worked at NYCC for 11 years, he taught both preclinical and clinical sciences. When the opportunity to attend medical school arose he thought long and hard about it. He wanted no regrets down the line.

According to Dr. Inzerillo, earning both M.D. and D.C. degrees will allow him to better serve his patients. He hopes his move into medicine might, in some respect,

aid the chiropractic profession in its drive to experience the respect that has at times been withheld from members of other health-care professions. While he has not committed to any particular plan following his graduation from medical school, Dr. Inzerillo is confident that a suitable path will present itself. As he puts it, "Fate always seems to have a way of stepping in and guiding me." He departed NYCC with these words of advice: "No matter what you do in life, be the best you can be!" Good luck, Jim!



Dr. James Inzerillo

Jousting Windmills With Board of Trustees Member Dr. Peter Szakacs

by Jeb Albro, 6th Trimester

Dr. Peter Szakacs, (pronounced “Say-catch”), NYCC ’78, and a longtime supporter of the College, recently joined NYCC’s Board of Trustees on the recommendation of a former classmate. Since accepting the Trustee position, he hasn’t looked back once. As he puts it, serving on the College’s Board has been a “wonderful deal.”

Though busily performing the duties of NYCC Board member, Dr. Szakacs also practices chiropractic in Langhorne, PA — a city just half an hour north of Philadelphia. Born in Palmerton, Pennsylvania, he moved with his family to the Pittsburgh area, where he attended high school. In high school Dr. Szakacs dreamed of becoming a medical doctor. Though he had enrolled in the University of Pennsylvania’s pre-med program, his plans hit a speed bump when he was denied entrance to medical school. Having thoroughly enjoyed his undergraduate years as a member of the football team, Dr. Szakacs has some regrets that he did not apply himself academically as an undergraduate. The news from medical college caused him to recall the counsel given him by his “old time” chiropractor back home: “Don’t go to medical school, Pete; go to chiropractic school!” That same chiropractor had also helped both of Dr. Szakacs’ parents avoid surgery. Dr. Szakacs felt confident that once admitted to chiropractic college, medical schools would surely accept him as a transfer student. To his delight, this plan never reached fruition. In 1975 Dr. Szakacs entered Columbia Institute of Chiropractic (NYCC’s former name) and graduated in 1978.

Though Dr. Szakacs’ conventional chiropractor is credited with having been his primary influence in choosing to go the chiropractic route, Szakacs’ practice is anything but old-school – offering modalities including shortwave diathermy, Qigong, nutrition work and anti-aging medicine. He also does a lot of extremity work and diversified adjusting. His is a no-nonsense approach to practice that neither cuts corners nor yields to un-



Dr. Peter Szakacs

reasonable demands by insurance companies and HMOs. Fortunately, he can afford to assume this stance, since approximately 25 percent of his patients are willing to pay cash for the high levels of care that he and his staff provide.

Matriculating with a variety of talented people encouraged Dr. Szakacs to recognize the talents in other people, and to adopt a practice approach similar to that of a master chef offering his patrons a menu of options. Patients, as consumers, should be empowered to make informed decisions about their health-care options. According to Dr. Szakacs, such patients tend to value services and demonstrate a high degree of loyalty. The doctor takes pains to establish credibility early in the doctor-patient relationship,

and his efforts to keep their interests foremost reassures patients. Patients experience more control in such an environment. This approach is, in Dr. Szakacs’ opinion, vastly different from the norm. He explains how successful doctors remain aware of the things that patients shop for.

Dr. Szakacs’ refreshing perspective rose on the backs of his failures and successes as a chiropractor. His view of education is broad and encompassing, and he credits his failures for making him stronger and teaching him much. This view is not a new one to Dr. Szakacs, as evidenced by a quote accompanying his 1978 NYCC yearbook photo: “Don’t let school keep you from getting an education.” Dr. Szakacs also urges chiropractors to hone their business skills.

Asked how the College fared in current chiropractic education, Dr. Szakacs describes NYCC as the Number One chiropractic school in the world. According to him, future chiropractors will be challenged with the task of establishing chiropractic’s meaning in health care. Consistent with this scenario, he instructs that chiropractic should avoid “begging” its way into managed care.

Bill Sherwood, D.C. Reflects in Faculty Spotlight

Bill Sherwood, DC, began teaching at NYCC when the College moved to Seneca Falls from New York's downstate region in September of 1991. He currently teaches students fundamentals associated with business, legalities relating to chiropractic practice, and a variety of practice issues. He also instructs clinic students in ancillary therapeutics. Over the course of his term here, Dr. Sherwood has assisted with almost all of the lab courses taught at NYCC. Business administration courses taken at the University of Northern Colorado come into play as he teaches future doctors the economic underpinnings involved in running a practice. After his stint at Northern Colorado, Dr. Sherwood attended National College of Chiropractic and earned his Doctor of Chi-



Dr. William Sherwood

ropractic degree. He says he became interested in the chiropractic profession as he sought a career that provided a sense of both satisfaction and societal value.

Currently Dr. Sherwood lives in DeWitt, a suburb just east of Syracuse, where he enjoys spend-

ing time with his wife of eight years, Susan, daughter Molly, aged 6, and two-year old son, Liam. On his "off time," Dr. Sherwood likes to relax with hobbies that include woodworking, electronics and stained glass.

He feels New York Chiropractic College distinguishes itself through its superior facilities, faculty and students. He cites, for example, NYCC's premier Career Development Center and the College's successful externships at hospitals (such as the Bethesda Naval Hospital).

Asked where he sees the chiropractic profession heading, Dr. Sherwood responds that he feels it will continue to gain acceptance as it builds bridges with mainstream health care. He also feels chiropractic will one day lead the way in the "wellness care" set-

tings. Research is also important. He predicts that if appropriate research is conducted, chiropractic may become the preferred treatment for a panoply of health-care problems currently handled by physicians. Dr. Sherwood is watching for greater inclusion of chiropractic in insurance plans, in the military and (as most recently confirmed) in VA hospitals. Where is American health-care heading? He thinks it is now beginning to embrace the benefits of wellness care, anti-aging therapies, and senior care as baby boomers enter their twilight years. In closing, Sherwood reveals the source of his optimistic professional stance: "In my opinion, the students at NYCC are bright, inquisitive, and have great expectations of both themselves and their education."

Dr. Good Gets Down to "Brass Tacks" With His Audience

Christopher Good, D.C., M.A.(Ed.), professor in NYCC's Department of Technique and Principles, recently addressed a student audience regarding the "brass tacks" of chiropractic practice. Dr. Good began by discussing what it is like to work as an associate in a chiropractic office. Associateships, he claims, are a good way to gain chiropractic business experience and to hone one's adjusting, diagnostic and patient management skills. Often, an associateship will result by default, as when graduates cannot raise sufficient start-up capital

to begin a practice, or when they are simply undecided about what form their professional practice should take.

New graduates must consider whether or not they want to work with someone. If the answer is yes, will they work as an employee, independent contractor, or simply share office space as a tenant? If the graduate chooses to work as an employee, the hiring doctor is responsible for withholding taxes and paying federal insurances. The doctor's pension and benefit plans may also be influenced. Since compensation is generally a function of risk, and

since the hiring doctor supplies the patients, bears the fixed expenses, and shares in payment of taxes, the associate's starting income may not be particularly impressive. The associate might also anticipate that the owner will require execution of a non-compete agreement to ensure that the doctor's investment in the associate's training, as well as a valuable patient base, does not relocate across the street! Dr. Good discussed insurance coverage, allocation of new patients, bonuses, office ethics, practice styles and personality fits. All in all, Dr. Good succeeded in touching



Dr. Christopher Good

upon many of the "brass tacks" a graduate is likely to step on in practice if not aware.



Public Health Corner

by David S. Aberant, M.S.
Associate Professor of
Physiopathology

The Passing Anthrax Scare

The panic caused by the anthrax attack seems to have subsided and Cipro is now back in the pharmacies. The final toll of the anthrax attack involved five deaths and over a dozen people sickened after inhaling spores from anthrax-laced mail sent to politicians and news media in Florida, Washington D.C., and New York City. Additional anthrax cases surfaced in New Jersey and Connecticut. The mail originating in New Jersey that carried anthrax known as the Ames strain may have come from the army research facility at Fort Dietrich, Maryland. The anthrax was traced to Texas in 1981, where it was isolated from dead cattle, then sent to Ames, Iowa's National Veterinary Services Laboratory and ultimately to Fort Dietrich. This form of anthrax was readily available to many researchers over the last twenty years. Hence, we may never know the full story behind this terrorist attack. The scare did, however, alert the government and the public about the real threat that biological weapons pose and their ease of distribution.

Raw Alfalfa Sprouts

A report issued by the Center for Disease Control (CDC) in January 2002 warns consumers about eating raw alfalfa sprouts. An outbreak that sickened 32 people last year on the West Coast was caused by their consumption. Alfalfa sprouts, often used on sandwiches and in salads, may be contaminated with E. coli or Salmonella bacteria. Symptoms include diarrhea and urinary tract infections. Four years ago a similar outbreak afflicted hundreds. The CDC warns that children, the elderly, and the debilitated should abstain from alfalfa sprouts, and the rest of us should cook them thoroughly.

Body Piercing

Have you noticed how popular body piercing has become? Unfortunately, according to studies, one in five people who pierce their bodies develop medical problems. Over 4 million young people will encounter bleeding, tearing and infections. Many will require doctor visits, antibiotics and drainage procedures. Some of the piercings will leave permanent scars and damage.

A New Virus on the Horizon?

In mid-February a strange rash appeared on people in at least seven states. Some medical professionals fear it may be caused by a new virus. The red, itchy rash has, in fact, closed schools in Pennsylvania, New York, Virginia, West Virginia, Ohio, Oregon and Washington State. The students suffered the rash on their faces, arms, legs and bodies. Curiously, it clears up when the students leave the school! Environmental scans of the schools show nothing unusual. Some experts suspect a variation of the Parvo virus responsible for Fifth's disease. Though testing for the virus of Fifth's disease has proven negative, it may nonetheless be a variation. Epidemiologists from the CDC are currently at work on these investigations.

Cigarette Smoke and Musculoskeletal Disease

Smoking's relationship to lung cancer has been well documented. More recently, a relationship between cigarette smoke and problems associated with muscles, bones and joints has shown itself. A recent report presented an American Academy of Orthopedic Surgeons meeting in New York City implicates cigarette smoke with several musculoskeletal disease processes including osteoporosis, low back pain, spinal disc disease and wound healing.

Some Good News About Syphilis

The rate for Syphilis in the United States has fallen to its lowest level since such records were kept. The CDC reported only 6,657 cases of primary and secondary syphilis (a rate of 2.5 cases per 100,000 people) in 1999. This excellent news indicates that the national campaign involving better surveillance, screenings and treatment may be working. Federal health officials intend that 90% of all counties in the United States will be free of syphilis by 2005.

It is good to hear from the many of you that call or e-mail me with news of events in your area. Keep them coming! Unity day is approaching, and I hope to see you here in Seneca Falls. Health and happiness for you and yours.

EMFs and Human Factors

by Dennis Homack, D.C., C.C.S.P., Assistant Professor

Ever get that unsettled, “uneasy” feeling in a room full of computers? How about when you walk into a retail super store? You may very well suffer from...
Electromagnetic-Hypersensitivity Syndrome!



Dennis Homack, D.C., C.C.S.P., is an NYCC faculty member who teaches ergonomics and the unique role chiropractors play in industrial and ergonomic issues.

A number of anecdotal stories describe people who suffer ill effects (sometimes described as allergic reactions) to such things as exposure to computer monitors. Some people are so sensitive that they feel nauseous and develop rashes that spontaneously remit when exposure to electronics is removed. Research is currently investigating links between long-term exposure to cell phone use and the incidence of brain tumors. Associations have also been suggested between long-term computer monitor exposure and breast cancer. This may not be so farfetched, however. Electrical and magnetic fields (EMFs) have long been known to adversely affect animal

cells and to impact bone healing.

Few people realize just how large a magnetic field is thrown off from the typical computer monitor. Imagine a room full of monitors and overlapping fields! Other sources of EMFs include fluorescent lights, electric power lines, home stereos, televisions, electric blankets and heaters—frankly, just about anything electric! It is always advantageous to reduce the intensity of exposure and the amount of time one is exposed. An electric alarm clock produces relatively insignificant EMFs, though if it is located on the nightstand near one's head throughout a 6-8 hour night, the effects accumulate.

There's no need to panic!

Simply introduce a few reasonable precautions: Position home entertainment systems and computer equipment so as to minimize exposure to electromagnetic fields. Since EMFs are unaffected by walls in the typical home, arrange children's beds and cribs such that they are not opposite electrical equipment on the other side of the wall. Typically, the electric field advances about 30 inches to the front, and 60 inches to the sides and rear of a computer monitor. Hair dryers produce enormous amounts of EMFs; however, risks are low since exposure time is relatively brief. In short, limit your exposure to EMFs and give your cells a break!

Might Electromagnetism Hold Cancer's Cure?

(Continued from page 17)

Cancer and Dr. Becker's Silver Bullet

Since both cancer cells and regenerating cells demonstrated direct current potentials, Dr. Becker felt that effective cancer therapies might well have an electrical component. Another of Dr. Becker's experiments showed that human fibroblast cells (common throughout the body) dedifferentiated and were able to quickly multiply as primitive embryonic cells when they were exposed to electrically generated silver ions. These “uncommitted” cells could differentiate into whatever cell types were needed to heal a wound. This was a big step for Becker in that he had previously only dedifferentiating bone marrow cells. He hoped his success in dedifferentiating human fibroblast cells might pave the way to dedifferen-

tiating human cancer cells. One day, an opportunity presented itself to Dr. Becker. A patient who refused amputation of an infected leg allowed Dr. Becker to treat the infection with electrically stimulated silver ions. Having so treated the wound, Becker noticed that the cancer cells in the wound had changed back to normal! He figured the silver ion was shaped so as to connect with a receptor group on the surface of the cancer cells' membranes, thus causing the individual cancer cells to activate their primitive-type genes and dedifferentiate. Dr. Becker is not certain precisely what happened, but his work has clearly placed health-care researchers in a better position to ask the right questions.

Dr. Russ Ebbets Visits University of Southern Denmark

by J. Russell Ebbets, D.C.

In the summer of 2001, four professors in the technique department from the chiropractic college at the University of Southern Denmark (USD) visited the NYCC campus to glean ideas on the effectiveness of the NYCC program and, in particular, our technique program. The four Danish chiropractors were former students of faculty member Dr. Chris Good, who, at one time, taught the students at Anglo-European Chiropractic College in England.

USD is a publicly funded university of 14,000 students located in Odense, Denmark, home of the world famous author Hans Christian Andersen (The Silver Skates, The Emperor's New Clothes and The Ugly Duckling). The chiropractic college is a ten-semester, five-year program that admits 50 students yearly. Admission is highly competitive; in fact entrance to the chiropractic school is more competitive than entrance to the university's medical school!

My invitation to lecture at USD came about after the Danish professors observed my first trimester psychomotor skills class — the initial technique course offered at NYCC. This course, which has undergone several incarnations over the last five years, involves the establishment of a series of fundamental adjustive subskills. These are the subskills that form the foundation for virtually any "named" chiropractic technique.

This method, unique in chiropractic education, is an accelerated learning vehicle that borrows from Maslow's "whole-phase-whole"



Dr. J. Russell Ebbets

and Thorndike's "learning chains." Physical conditioning skills are developed using coaching principles that originated in the Soviet Union, and as I learned them while Lead Instructor in USA Track and Field's Coaching Education Program and in my studies at Ithaca College. (Editor's note — Dr. Ebbets is in the final semester of study for a Master's degree at Ithaca College's Organizational Communication and Learning Design program.)

While at USD I taught the second, fourth, sixth and ninth semester students. Additionally, I consulted with the technique faculty, discussing the educational theory behind the method and offering suggestions on how the NYCC program could be implemented into the USD program.

The technique curriculum portion of the USD curriculum is viewed by their technique department as the program's "weak link" — leading the faculty to search for a more effective means to develop this area of the USD's program.

The seven-year-old USD pro-

gram benefits from the energy and expertise of Niels Nilsson, D.C., M.D., Ph.D. His tireless efforts are largely responsible for the success and growth of the program. Chiropractic in Denmark is fully integrated into the country's socialized health-care system. As many Canadian D.C.'s will attest, this can be a mixed blessing.

Governmental regulations dictate the structure and delivery of the Danish chiropractor's education. The clinical intern experience takes place in an affiliated hospital. Such hospital access has (until recently) generally been denied chiropractic students in the USA and has been seen as a weakness in the American system. Lacking these opportunities has disallowed American students exposure to the broad spectrum of available care to severely injured and sick patients. Ironically, the Danes were experiencing a different kind of problem. Chronic pain and surgical disc candidates presented a skewed population for the Danish chiropractic interns, revealing a patient population that

even the best chiropractic could offer only limited success.

The Danes clearly embrace research. For example, Team Denmark (the national Olympic sports effort) occupies the same wing as the chiropractic college and provides excellent opportunities for joint research. Research also arises from the university's hospital affiliations. Hospital diagnostic facilities are state-of-the-art. Ringe Hospital, the site of the 10th semester clinic, offers a MRI and radiographic facility that would be the envy of any hospital in the States.

The visit was capped off with a presentation to the university community on Restoration and Regeneration: The Role of Chiropractic and Sport. The amphitheater was packed with over 150 students and faculty. In conclusion, I found my Danish hosts to be most gracious and the students attentive and hungry for knowledge. It is the Danes' hope, and work will soon begin on this end, to set up a professor exchange program between the two schools.



Dr. Ebbets lectures students at the University of Southern Denmark

Who Needs A Library? After All, It's All On The Internet!!

by Daniel Kanaley, M.A., M.L.S., Library Director

Libraries are places where information such as books, journals periodicals, videos, CD's, audiotapes, and models are accessible. Previously, people wanting to use these resources had to physically travel to a library. With the advent of the Internet things have changed dramatically.

A recent survey by the Pew Internet and American Life Project revealed that 71% of on-line teens relied heavily on Internet sources for their report research. Young people, not surprisingly, lead the trend toward on-line research versus visiting physical libraries. The Internet's rapid development leaves the impression that most relevant information is available on the Internet for free. Though many organizations do provide free information on the Internet, the majority require subscription fees

or access charges to be paid either by either the user or the institution. A mistake some young researchers make is that if it's not available on line, then it doesn't exist.

Disadvantages that attend sole reliance on Internet information are outlined in a 2001 article by Mark Y. Herring, Dean of Library Services at Winthrop University (South Carolina). His main points (as paraphrased) follow:

1. Only about 8% of all journals are on the Internet, and many of them are only accessible by paid subscription. Libraries (or individuals) still need to subscribe to the other 92%.
2. The Internet is like a non-catalogued library where search engines, such as Yahoo or Google, retrieve inconsistent results.
3. There is no quality control on

the Internet. Much information is poor quality because anyone can put anything on the Internet.

4. On-line journal articles are sometimes incomplete and lack illustrations found in the original works.

5. Copyright law limits the number of on-line books, and e-book vendors make only one copy available to each library.

6. E-book readers cost \$200 to \$2,000, thus limiting their market.

7. Insufficient numbers of books have been digitized to have a fully electronic library.

8. There are few information sources more than 10 to 15 years old on the Internet, limiting access to historical material.

9. You can't beat the portability and versatility of the printed word.

The job of librarians and library staff has expanded. We no longer simply buy and



Daniel Kanaley, Library Director

organize print and multimedia sources; now we also purchase electronic information and make it accessible anywhere. We at the NYCC Library make every effort to save our users' time and money by supplying numerous electronic information sources to complement our physical offerings.

EIC Scholarship Named for NYCC Provost G. Lansing Blackshaw, Ph.D.

At the recent ACC/RAC conference in New Orleans, LA, Mr. Dave Dorman, Executive Vice President & Chief Operating Officer of the Education Investment Company, presented NYCC Executive Vice President and Provost Dr. G. Lansing Blackshaw with a plaque honoring him with a scholarship in his name, the Dr. G. Lansing Blackshaw Annual Scholarship. Each year,

a \$2,500 scholarship will be awarded to qualifying students. Details regarding scholarship qualification criteria have yet to be determined, and will likely be made by Dr. Blackshaw, who will in turn coordinate with David O'Bryon, Executive Director of the Association of Chiropractic Colleges. The awarded plaque includes eight blank spaces that will bear the inscription of the names of the first eight

awardees. Dorman expressed his sincere pleasure in working with Dr. Blackshaw — recalling how Lance puts 100 percent effort into everything he undertakes. According to Mr. Dorman, "It has been a tremendous honor to work with Lance over the years. I cannot think of a more deserving person. This (named scholarship) is but a small gesture."

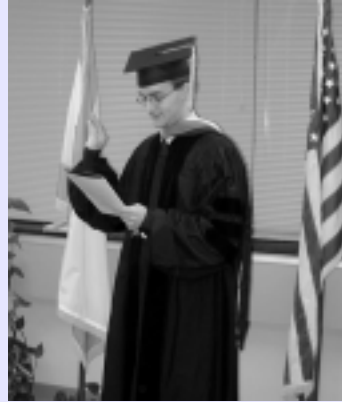


Dr. G. Lansing Blackshaw

NYCC's December 2001 Graduation



Mary Steiner, Valedictorian



Marcus Kindle, Salutatorian

Santipadri offered the faculty greeting and thanked the graduates for their daily inspiration. She reminded them that patients look to their doctors for special ingredients and quoted the inauguration speech of Nelson Mandela, who, on the day he became president of South Africa in 1994, expressed that humans fear their greatness, and that fear is not a weakness, but rather a power. As people liberate themselves from their own fear, their presence automatically liberates others. That's what inspiration is all about.

Executive Vice President and Provost Dr. G. Lansing Blackshaw recognized valedictorian Mary Steiner and salutatorian Marcus Kindle. Ms. Steiner offered congratulations to her classmates and thereafter ran through a list of items for which she felt particular appreciation over the previous three years. The list included: the United States government, for their financial assistance; her little car that got her to classes; the unappetizing aroma of the anatomy lab; her husband (especially during exam weeks); and, finally, the wineries located close to school.

Dr. Richard E. Carnival made presentations on behalf of the

NYCC conferred Doctor of Chiropractic degrees to its graduating doctors during the December 2nd commencement exercise. Grand Marshall Dr. Michael O'Connor officially opened the event, leading graduates and faculty into the auditorium. Martha Uticone sang the National Anthem. Father Richard Murphy offered the opening invocation. President Frank J. Nicchi, D.C., recognized the attending Trustees as well as Chancellor Dr. Kenneth Padgett, College faculty and staff. Dr. Peter Ferguson, Board Chair, delivered the Board of Trustees' greeting, welcoming the audience to the commencement exercises and describing the day as one filled with joy and excitement. He reminded everyone that commencement marks the culmination of many people's dreams, including the numerous supportive people in the audience. He congratulated the graduates and wished them success in their goals and aspirations. Dr. Eileen



Dr. Peter Ferguson



Dr. Eileen Santipadri

77th convocation of the American College of Chiropractors (A.C.C.), whose primary purpose is to encourage research and advance the philosophy, science, and art of chiropractic. During the convocation, Dr. Carnival, who is President of the A.C.C., and A.C.C. Vice President Dr. Thomas Ventimiglia together welcomed three new Fellows to the organization: Dr. David Brown, Dr. G. Lansing Blackshaw, and Mr. John Pecchia. Dr. Brown, President of the Chiropractic Licensing Boards and Director of the National Board of Chiropractic Examiners, expressed his deep appreciation and told the audience that as one who has seen every chiropractic college, he was in a position to say, "There is no better college than NYCC." Dr. Blackshaw, who started with the College in 1995, was also awarded an honorary Doctor of Humane Let-

77th Convocation of the American College of Chiropractors



Dr. David Brown



Dr. G. Lansing Blackshaw



Mr. John Pecchia

NYCC's December 2001 Graduation

ters. Mr. Pecchia, NYCC's former Chief Financial Officer, received the Doctor of Humane Letters as well.

Commencement Speaker

Jack Barnathan, D.C., was the commencement speaker. Dr. Barnathan received his B.B.A. degree in 1981 from Adelphi University and Doctor of Chiropractic degree in 1984 from New York Chiropractic College. Since that time, Dr. Barnathan has made significant contributions to the field of chiropractic, receiving the White House Presidential Certificate of Merit for commitment to community service, and a certificate of commendation from the President's Council on Physical Fitness and Sports. He was voted International Chiropractor of the Year, and awarded the International Federation of Bodybuilders' Certificate of Merit. An award-winning sports doctor and master trainer, Dr. Barnathan is respected as a leading authority on strength development and a variety of back conditions, having completed a postgraduate program at Harvard University's School of Medicine. Known as "The Strength Doctor" in the sports world, his reputation has given him exposure on ESPN and Inside Edition, as well as Sports Illustrated. Dr. Barnathan continues to contribute to the New York Chiropractic College community by serving as a postgraduate faculty member for the Sports Medicine and Rehabilitation Program (1995-present), and as a member of the Alumni Association Board of Directors (1995-present).

Dr. Barnathan's remarks recalled that Dr. Nicchi was one of his professors back when he attended chiropractic college. He assured his audience: "Don't worry, Moms and Dads – your students have had the best teachers and certainly a president who cares so much. They're ready to go out and change the world." He began his talk by quoting Sir Winston Churchill, who gave history's shortest commencement address – "Never, never, never, never give up!" – and then took his seat. Barnathan remained standing, however, and gave a rousing commencement oration. He spoke of John F. Kennedy's reliance on chiropractic for relief from nagging back problems. Having recently returned from lecturing NASA employees, Dr. Barnathan reminded his NYCC audience that just as the



Dr. Frank J. Nicchi, NYCC President and Dr. Jack Barnathan, Commencement Speaker

Mercury 7 were called upon to find within themselves "the right stuff," the graduates in attendance should take the time to find that "right stuff" in themselves. "There are worlds to explore; you must discover that fire in yourself." Drawing upon Charles Dickens' A Christmas Carol, Dr. Barnathan explained how that short story also changed the hearts of British legislators and ultimately signaled the beginning of the end for debtors' prisons. In fact, a 12-year-old Charles Dickens himself had to go to work to pay his father's debts and support his seven brothers and sisters. Dr. Barnathan urged his audience to think big and to un-

derstand the significance of their actions. Small stories sometimes bring great results.

Dr. Blackshaw presented the candidates for the Doctor of Chiropractic degree, and the ceremonious hooding of the graduates was conducted. Dr. Lee Van Dusen, Dean of Chiropractic Education, administered the Chiropractic Oath. Dr. Frank Lizzio, President of the NYCC Alumni Association, admonished the new doctors always to render care to their patients in a kind and loving manner. He also urged them to become involved in their chiropractic associations and in NYCC's Alumni Association.

Following the ceremony the graduates, their families, and friends were treated to refreshments.



Chiropractic Oath

Class of '77

Charles S. Berg, D.C., of River Vale Chiropractic Center P.A., has created his own radio show in northern New Jersey. "Reclaiming Your Health" airs each Tuesday at 11:00 a.m. His address is 674 Westwood Avenue, River Vale, NJ 07675-6307 and his phone number is 201-666-5300. His e-mail address is chuckberg@prynet.com.

Class of '78

Robert J. De Bonis, D.C., 127 West 79th Street #6, New York, NY, was elected the Chairperson of the NYS Board for Chiropractic 2002-2003. He has served on the board as a member since 1995. He remains in full time practice in Manhattan and lives in Rockland County with his wife, Susan, of 27 years, as an "empty nester." His phone number is 212-496-0121 and his e-mail address is DADDYCHIRO@aol.com.

Class of '82

Howard Shtulman, D.C., and Andrew Wasserman, D.C., were named co-chiropractors of the year 2001 in Broward County, Florida. Dr. Shtulman's address is 8338 W. Oakland Park Blvd., Sunrise, FL 33351. His phone number is 954-741-6233 and his e-mail address is shtulmanh@aol.com.

Class of '85

Peter H. Morgan, D.C., of Harrison, NY, was awarded the 2001 New York Chiropractic Council Chiropractor of the Year Award (also

known as the Beacon Award) on October 5, 2001 at the New York Chiropractic Council annual convention. Dr. Morgan practices at 951 E. Boston Post Road, Mamaroneck, NY 10543.

Class of '86

Linda Eckhaus Merkin, D.C., and her husband Serge, were blessed with a new baby boy, Hillel Zui Yehudah, on August 20, 2000. His brother Yakov and sisters Miryam and Devorah are having lots of fun with him. Her office address is 1355 45th St., Brooklyn, NY 11219 and her phone number is 718-853-2666.

Class of '88

Donald R. Murphy, D.C., of Rhode Island Spine Center, Department of Community Health, Brown University School of Medicine, Providence, RI, gave a talk and a workshop at the recent Annual Meeting of the American Back Society (ABS). The title of his talk was "The Neurophysiology of Chronic Spinal Pain: Central Sensitization" and the title of his workshop was "Nonsurgical Management of Cervical Radiculopathy." The ABS is a multidisciplinary organization of physicians and others who are interested in the care of spine related disorders. His e-mail address is rispine@aol.com and his phone number is 401-831-5600.

Class of '89

Craig Martin, D.C., has been named one of the top ten chiropractors in New York City by NEWLIFE magazine. Dr.

Martin has been a certified homeopath since 1996 and wrote an article which appeared in NEWLIFE magazine, "The Journey to Wellness."

Class of '90

Desiree Williams Wells, D.C., and Ronald Williams Wells welcome the birth of their third child, Amadi Rashida, on October 23, 2001. Amadi joins her six year old sister, Zakiya and four year old brother, Malik. Dr. Williams completed her 10th year of practice in November 2001. Her e-mail address is Deschiro@aol.com.

Class of '92

John Hitchiner, D.C., C.C.S.P., and his wife Sharyn celebrated the birth of their first child, John Michael, on December 9, 2001. He weighed 7 lbs. 5 oz. and was 21 inches long. They are all doing well. Dr. Hitchiner continues to practice at Chiropractic Care of Granby, 35 Hartford Avenue, Granby, CT 06035. His phone number is 860-653-5581. Their home address is 14 Sunny Heights, Granby, CT 06035 and their home phone number is 860-844-8188.

Class of '93

Pedro Gay, D.C. and Jennifer Schiel-Gay are proud to announce the birth of their second child, Julia Denise Gay. Julia was born at home in York, Maine on December 4, 2001. Their address is 31 Old East Scituate Rd., York, ME 03909. Their phone

number is 207-363-7296.

Class of '94

Carl E. Hiller, D.C., has recently been appointed president of the Pennsylvania Chiropractic Association. He has been operating Hiller Advanced Chiropractic for five years and is expanding in January 2002. He and his wife Susanne recently celebrated their fifth year anniversary and have two children, Julia (2 years) and Lauren (3 years). His address is 495 Thomas Jones Way, Suite 202, Exton, PA 19341 and his phone number is 610-594-5502.

Christina DiCello, D.C., and her husband, Joe Bosack, announce the birth of their son, Brendan Thomas Bosack on December 12, 2001. He was 7 lb. 21 inches long. Their address is 6041 German Road, Pipersville, PA and their phone number is 215-766-1458.

Class of '96

Richard M. Smith, D.C., opened his office at 59 Main Street, Monson, MA in February 1999. He has recently expanded his practice to include a fitness center, massage therapy services and nutritional and fitness counseling. His office phone is 413-267-0005.

Stephen S. Athan, D.C., and Christine Anne DeLuca, both of Dix Hills, NY, were recently engaged. An August 2002 wedding is planned.

Eric W. Ledin, D.C., and

Sharon L. Leanard have recently become engaged. Dr. Ledin is in private practice in Hopedale, MA. A June 2002 wedding is being planned.

Class of '97

Gerald Anzalone, D.C., recently opened his practice, Hudson Valley Neck and Back Care, in Peekskill, NY. Dr. Anzalone recently wrote a case report examining the benefits of chiropractic care in treating a patient with chronic asthma and allergy complications. The study has been accepted for peer review with The Journal of Vertebral Subluxation Research (www.jvsr.com). He can be reached at chirodoc@bestweb.net or at 914-739-9180.

Matthew Aron, D.C., and his wife Jennifer are pleased to announce the birth of their son, Hayden Bradlee, on December 3, 2001. Dr. Aron is in private practice in Coram, NY, on Long Island. On September 16, 2001 Dr. Aron and Dr. Ken Marvin ('97) had the privilege of treating rescue workers at Ground Zero. The two spent approximately eight hours in a Red Cross triage center and cared for close to 100 fireman, policemen, national guard and other volunteers.

Class of '98

Lawrence Goodstein, D.C., is practicing at Community Chiropractic, 409 E. 14th Street, Suite C, New York, NY 10009. His phone number is 212-533-4900.

Class of '99

Eric Legault, D.C., is currently an associate in three clinics in the Montreal area. He is enjoying family life with his wife, Heather, and his three children: Sean, Erika and Olivia, who are now ages 6, 4 and 1. They can be reached at 514-304-9013 or drlegaultdc@hotmail.com.

David J. Pacana, D.C. and Kristin A. Jacobsen, D.C., were married on September 29, 2001 in Seneca Falls, NY. She practices at Family Chiropractic in Niagara Falls, NY and he practices in North Tonawanda, NY.

Dimitrios Theoharidis, D.C. and Andria Longeretta, D.C., were married October 6, 2001. They are owners of Chiropractic Care Plus PC in Utica, NY, where they also reside.

Class of '00

Russell T. Montalbano, D.C., recently opened his practice, Montalbano Family Chiropractic, LLC, in Norristown, PA. His address is 1340 DeKalb Street, Unit 6A, Norristown, PA 19401. He and his wife had their first child, Joseph Charles, on October 24, 2001. Dr. Montalbano can be reached at 610-279-1000 or at Montalbano@RCN.com.

Brian A. Pokorski, D.C., announces the opening of his practice, Chiropractic Lifestyle Family Practice, P.C., at 7474 Transit Road,

Williamsville, NY. His phone number is 716-635-9742. Dr. Pokorski also announces his engagement to Alanna Garbatowicz. They will be married in June of 2003.

Christopher J. Acquisto, D.C., has opened his practice, Acquisto Family Chiropractic, located at 6989 Transit Road, P.O. Box 483, East Amherst, NY 14051. His phone number is 716-639-0839. He resides in Williamsville, NY.

Class of '01

Thomas M. Conley, D.C., opened Conley Chiropractic office at 7242 Oswego Road in Liverpool, NY.

Tom Chaney, D.C., celebrated the grand opening of Living Health Chiropractic on November 3, 2001. Living Health is located at 2979 Solomons Island Road in Edgewater, MD. He can be reached by phone at 410-956-9180.

Daniel R. Sheradin, D.C., and Tracy Lehman were married July 28, 2001 in Dundee, NY. The couple resides in Carrboro, NC, and Dr. Sheradin has a practice in Chapel Hill, NC.

Daniel J. Kummer, D.C., has opened Kummer Chiropractic at 1333 Strad Ave., North Tonawanda, NY. His wife Irene is the office manager. They have two children, John 9 and Karen 7. Their phone number is 716-731-2636.

Christopher Pierce, D.C., and Huma Qureshi-Pierce, D.C., have opened a private practice, Chiropractic First in Portland, OR. Their address is 7412 SW Beaverton-Hillsdale Highway #109, Portland, OR 97225 and their phone number is 503-358-8435.

Patrick J. Cooley, D.C., and Susan A. Mikovich were married July 21, 2001. They reside in Orchard Park, NY.

Timothy DelMedico, D.C. and Lori Sablich have become engaged and are planning a July 27 wedding. Dr. DelMedico owns his own practice in Utica, NY.

Cynthia A. Zygmunt, D.C., announces the opening of Hamlin Chiropractic Center, P.C., Route 590 at Route 348, Hamlin, PA.

Frank Verri, D.C., celebrates his first-year anniversary as director/owner of the Greater Pittsburg Joint and Muscle Center. His office address is 617 West Main Street, Carnegie, PA 15106 and his office phone number is 412-279-5909.

Jeana Wright, D.C. and Scott Voorhies, D.C., announce their wedding plans for August 31, 2002. They are currently practicing together in Waterford, MI. Their address is 4004 Chenlot Drive, Waterford, MI 48328 and their phone number is 248-821-2379.

enrollment MANAGEMENT

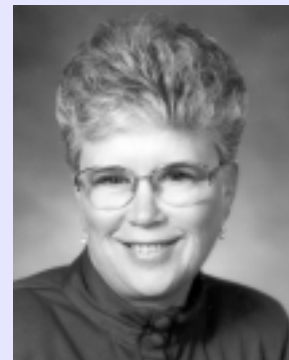
International Scholarships

The following students are recipients of NYCC's International Scholarships for the Fall 2001 trimester. This scholarship is awarded in recognition of academic merit, as well as the content and quality of an essay submitted by each recipient.

Joseph Albert
Brad Brooker
Christa Campbell
Teesha Chacko
Leslie Crook
Thien Dang-Tan
Alvin DeLeon
Kevin Deonarine
David Dion-Simard
Mylinh Duong
Peter Emary
Jim Fogarty
Peter Fonti
Navjot Gill

Danny Goncalves
Tanya Hintz
Joseph Hong
Max Ingold
M. Catherine Kristof
Michael Lalonde
Trisha MacIntosh
Melanie McIntosh
Rick G.R. Mills
Chad Minor
Giang Nguyen
Son Thanh Nguyen
Joshua Nikkanen
Darcy Oikawa

Cory Pike
Maya Preiss
Jason Price
Amir Rezaei
Christopher Steacy
Donna Sykes
Stephanie Szentmiklosy
Rick Tavares
Keith Tse
Sam Vassallo
Brad Watkins
Matthew Webster



Diane Dixon,
Executive Director of
Enrollment Management

Academic Scholarships

The following students are recipients of NYCC's Academic Scholarships for the Spring 2001 trimester. These Scholarships are awarded in recognition of outstanding academic achievement. Recipients of these awards represent those who are ranked as being the highest in their trimester by cumulative grade point average and the highest by trimester grade point average, as outlined in the scholarship policy for the 1998-99 academic year.

Robert Inesta
Daniel Steigerwalt
Audrey Forbes
Andrea Hailey
Loan Huynh
Matthew Lederer
Joseph Hong
Susan Striegler
Pietro Fonti
Courtney Wood
Darcy Oikawa
Kelli LeBaron
Scott Moore
Joseph Triplet
Marcy Caulkins
Melanie McIntosh
Michael Baxter
Chad Minor
Mary Steiner
Jeremy Lindstrom

Amanda Gray
David Allensen
Suzanne Plano
Christopher Steacy
Melissa Riley
Trisha MacIntosh
Brendan Corcoran
Michael Lalonde
Tanya Hintz

Son Nguyen
Gregory Bauer
Peter Emary
Robin Stein
Vincent Brown
Scott Trescott
Donna Sands
Kevin Schroeter
Markus Kindle

Joel Stutzman
Michael James
Daniel Hensler
Kimberly Brown
Heather Connolly
Bradley Brooker
Randy Hallman
Mark Grisko
Donna Balfour
Terrence Srokose
Giang Nguyen
Eric Vincent
Danny Goncalves
Keith Tse
Laura Bellows
Anne-Marie Lamy
Natalie McDonald
Rosemary Zebrowski
Patirick Cooley

USA Education/USA Funds Scholarship

The following students are recipients of USA Education/
USA Scholarship for the 2001-2002 academic year.

Jeb R. Albro

Benjamin T. Andrulot

Marnie Mabee Awarded NCMIC Scholarship

Seventh trimester student, Marnie Mabee, was awarded the NCMIC Scholarship in the amount of \$800.00. Ms. Mabee's essay discussed the variety of communications that occur between doctor and patient. Ms. Mabee's listed communications went beyond the obvious ones expected to occur in a doctor's office, such as history taking, patient education and fee schedules. In addition, she examined such communications as positive bedside

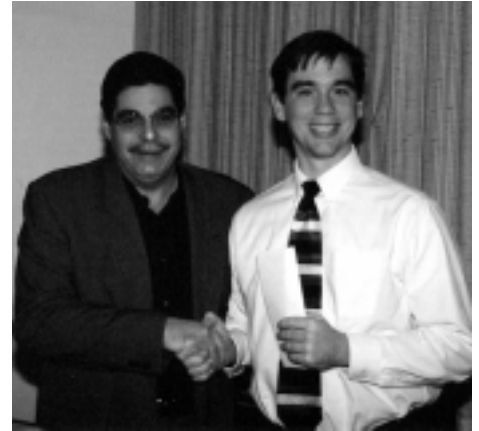


President Frank Nicchi, D. C. and Marnie Mabee, 8th Trimester

manner, nonverbal communications, and those special courtesy communications that respect cultural values and demonstrate respect. Communication is always enhanced when the listener pays full attention, makes eye contact and acts interested. Where the communications indicate that a patient's complaint involves treatment outside the doctor's scope of practice, the patient should then be referred to other health professionals. In short, Ms. Mabee reveals how all forms of communication combine to establish good rapport and understanding, and thereby decrease the likelihood of malpractice claims.

Timothy Smith Awarded Dr. Kenneth W. Padgett Alumni Scholarship

Seventh trimester student, Timothy Smith, was awarded the Kenneth W. Padgett Alumni Scholarship in the amount of \$1,000 for his essay regarding how, upon becoming an alumnus, he might help promote and support his alma mater in its mission as a leader in chiropractic. He indicated his support for continued research at the College. He also expressed his belief that NYCC's location in New York State should serve to encourage its state legislators to broaden chiropractic's scope of practice in New York. Mr. Smith outlined a high school and university lecture series intended to educate the public about chiropractic and concomitantly lend prestige to the profession. Smith's proposed lectures would make their way into hospitals and thereby forge relationships with other health-care professionals. Such hospital



President Frank Nicchi, D. C. and Timothy Smith, 8th Trimester

inroads would allow future chiropractic students to experience hospital rounds and further enhance collaborative professional relationships.

Tanya Hintz Awarded Dr. Wendy Fein Scholarship

The 2001 Dr. Wendy Fein Memorial Scholarship, in the amount of \$500, was awarded to sixth trimester student Tanya Hintz. Her selection arose from her well-written essay, "My Perspective on Chiropractic as I Enter the Final Half of My Chiropractic Education." Tanya's submission reveals an evolving perspective of chiropractic over the course of her academic career, one that expresses an eagerness to learn chiropractic's hands-on aspects, yet fully recognizes the importance of a firm foundation in the basic sciences. Tanya anticipates that her acquisition of enhanced diagnostic skills will complete and round out her academic experience. Describing herself as a student "filled with joy and excitement about the profession," Tanya is enthusiastic about her role as a future chiropractor.



Tanya Hintz, 7th Trimester

Career Development Center Tackles Practice Management With New Library

How does one ignite a stimulating conversation? Just ask any of chiropractic's top practice management experts how to start and manage a chiropractic practice. It is often difficult to determine which expert to listen to. While we at the CDC do not presume to answer that one for you, we can nonetheless help you learn who some of these top experts are and what they advise. We are thrilled to introduce the Career Development Center's new Practice Management Library. The newly established Library contains introductory materials from leading chiropractic practice management firms. Resources include written materials, audiotapes, videotapes, and promotional fliers. The Library provides opportunities for management companies to "showcase" their programs, while providing library patrons a chance to assess them comfortably and anonymously.

The Practice Management Library originated at the behest of NYCC's Board of Trustees, who wished to help students and alumni develop their business skills in a complex health-care marketplace. A directory of practice management professionals in Chiropractic Economics magazine provided a starting point. We contacted the management professionals and invited them to participate in our Library. We were careful to ensure that a variety of chiropractic philosophies were represented.



Sue Pittenger, Director of Career Development Center, counsels NYCC students regarding their future career plans.

The management firms were asked to certify that neither legal nor professional proceedings were pending against them. The firms were also asked to refrain from soliciting business from NYCC students and alumni unless the doctor or student contacted them directly. This means patrons can use the Library anonymously, browsing among materials from a wide variety of practice management companies and deciding what is best for them before initiating contact. NYCC retains neutrality in the transaction, neither endorsing companies nor suggesting that all management professionals are represented.

Currently, six firms have agreed to participate in the Library: Kats Management, Gibson Management Consulting, Breakthrough Coaching, Creative Options, The Master's Circle and Waiting List Practice. We expect participation to grow as the CDC continues to market the Library to eligible consulting firms.

Please enjoy a consultation with the profession's top practice management experts! For information on NYCC's Practice Management Library, contact Sue Pittenger at 315-568-3069 or at spittenger@nycc.edu.

CDC Online

www.nycc.edu

Our online database has the following listings:

practices for sale
associate positions
office space for lease
used equipment for sale

Attention Graduates!

Great minds think alike –

That's why more chiropractors choose NCMIC than all the other companies combined

More than half the doctors of chiropractic in this country — over 30,000 — protect their income and career with NCMIC's Professional Liability Program. Don't take chances — go with the malpractice insurance leader. What makes NCMIC #1? Here's what your colleagues tell us ...

- 1 LOW RATES & SUBSTANTIAL DISCOUNTS** — including **75% off** during your first year of licensure.
- 2 MORE PROTECTION AT NO EXTRA COST** — is automatically built into your coverage, including protection for sports team chiropractic and while attending continuing education seminars. The upshot? Essentially *everything* you do within the scope of practice is covered here.
- 3 HELPS STOP CLAIMS BEFORE THEY START** — NCMIC is a resource of information to help you avoid claims. We sponsor a popular series of malpractice risk management seminars and research programs and give you free access to malpractice experts so you can discuss troubling incidents.
- 4 STRONG PROTECTION FOR YOUR GOOD REPUTATION** — NCMIC's outstanding *Consent to Settle* benefit guarantees that no case will ever be settled without your approval. This top-notch feature gives you the absolute right to guard your reputation.
- 5 EXPERT LEGAL COUNSEL** — Our nationwide network of experienced defense attorneys who *specialize in malpractice* will work closely with you before, during and after a court case. NCMIC pays your legal fees no matter how high they might be *without* reducing your limits of coverage.



Policy terms may vary based on state law.
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Name _____

Address _____

City _____ State _____ ZIP _____

Daytime phone: (_____) _____

FAX: (_____) _____

E-mail address: _____

Chiropractic College: _____

Graduation date: _____

Approximately when will your license become effective: _____

States and Counties where you may practice: _____

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