

DEAN'S CORNER E-NEWSLETTER

Texas College of Osteopathic Medicine

June 8, 2005

As we enter the transition from the spring to the summer season, we look back at another successful graduation ceremony for the Texas College of Osteopathic Medicine; and look forward to new classes starting for both the DO and PA programs, and the first formal ML Coleman Ceremony transitioning our 2nd year medical students to the start of their clinical rotations!

In addition, I am pleased to announce that after months of negotiations with the Tarrant County Hospital District, the University of North Texas Health Science Center and the Texas College of Osteopathic Medicine have reached agreement on four major contracts to provide clinical services to John Peter Smith Hospital and the JPS Health Network. These contracts will take effect on October 1st.

The clinical services include community medicine, obstetrics and gynecology, orthopedic surgery, and psychiatry. These clinical services, along with the accompanying academic activities and graduate medical education programs will be provided by both our existing faculty, as well as the current clinicians at John Peter Smith, who are members of the North Texas Affiliated Medical Group. Most members of the current North Texas Affiliated Medical Group in those specialties will be joining the University as of October 1, 2005.

Community Medicine will be joining the University's Department of Family Medicine under Dr. Elizabeth Palmarozzi, the Department of Psychiatry will continue under the current Chair, Dr. Alan Podawiltz and the Department of Orthopedics will be chaired by Dr. David Lichtman, both here at the University and for the JPS Health Network. The Department of OB/GYN will be chaired by Dr. Ralph Anderson here at the University, and a search for a permanent chair for the activities at the JPS Health Network will begin in the near future. Please help me welcome our new clinical faculty and staff to the UNTHSC "team".

I wish to thank all members of the University of North Texas Health Science Center and the North Texas Affiliated Medical Group who have participated in these, and other, negotiations and discussions. I believe that this is an important moment for the Texas College of Osteopathic Medicine and the University of North Texas Health Science Center as we move forward with our new closer relationship with the Tarrant County Hospital District, John Peter Smith Hospital and our community physician partners. **More importantly, I know that this new relationship will add enhanced services to the community and the citizens of Tarrant County.**

Please supply any pertinent information to my office (deantcom@hsc.unt.edu) by the third Thursday of the month, for inclusion in this Newsletter.

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Student Affairs:

Thomas Moorman, Ed.D.

Associate Vice President for Student Affairs

The Financial Aid Office has been notified that TCOM will be receiving its largest ever annual funding award for the 2005-06 Scholarship for Disadvantaged Students (SDS) program in the amount of \$136,000. The scholarships are open to TCOM medical students that come from an economically or environmentally disadvantaged background. While each year is independent from the next, the institution's SDS award has grown from \$62,000 to \$136,000 over the last 6 years. UNTHSC competes every year against other medical schools nationwide for these funds.

TCOM's Class of 2005 spent their last days on campus during their 8th semester May 16-19. Eighth semester is a series of courses and events in which the graduating TCOM students come together to tie up their loose ends, participate in lectures and reminisce about their time here at TCOM. One of the hits for the week was the Juris-Prudence class taught by Dr. Bruce Dubin. Many students complimented Dr. Dubin on his insightful and engaging lectures. Other highlights included the dinner at Joe T. Garcia's, the Open Mic Night performances, Family Day at Marine Park and Happy Hour at Blue Mesa. The week ended with an awards ceremony in which faculty, staff and students celebrated the TCOM class of 2005's accomplishments.

On May nineteenth faculty and staff gathered to recognize the accomplishments of the 2005 graduating class of the Texas College of Osteopathic Medicine. The annual awards reception was held at the Fort Worth Club with entertainment provided by the Crebs Trio Jazz Ensemble. Highlights of the evening included the Speculum yearbook dedication to OMCT and the Faculty who provided their education, as well as the presentation of the Clinical Faculty Award to Dr. Frederick Schaller. In addition, members of the graduating class voted Dr. Kandace Klein as the Sigma Sigma Phi Outstanding Senior and presented Dr. Samer Nachawati with the Arrowsmith Award - given to the student who has overcome significant obstacles in the attainment of the

D.O. degree. A full listing of awards and recipients will be published in an upcoming issue of the Campus Connection.

The Division of Student Affairs would like to wish the Class of 2005 much success and happiness as they begin their careers in medicine.

Clinical Affairs / Faculty Practice:

Robert Adams, D.O.

Senior Associate Dean for Clinical Affairs/Chief Medical Officer

It's difficult to know where to start as so much has happened since the last newsletter. In some instances, things continue to change almost daily. There are many questions and few definitive answers, but I'll try to provide a brief overview.

The JCAHO accreditation survey was completed on June 3rd and we received no recommendations. This was an interim survey and provides us continuing accreditation for the next 6 months. We're unsure what direction to go with JCAHO in the future due to the many other changes that are occurring with our group. A decision about future accreditations will be made in the fall.

The University has been awarded the JPS Health Network service contracts for Community Medicine, OBGYN, Orthopedics, and Psychiatry. These services will begin October 1, 2005. The physicians, PA's, and NP's associated with these areas are being provided with employment opportunities in an effort to maintain continuity of care and create as seamless a transition as possible. The other service line contracts at JPS were not offered to UNTHSC. Family Medicine, Internal Medicine, and Pediatrics service lines will be provided by the JPS Physicians Network. To date, the Surgery service line contract has not been completed, but we do not expect it to be with UNTHSC. The impact of these new contracts to UNTHSC will be significant. During the next few months, we will determine what the exact impact to the UNT Physicians Group will be and what additional resources will be necessary to support the groups' activities. While the practice will undergo dramatic change, the real impact will be to the institution through the varied opportunities that develop in education and research.

The activities related to a merger of NTAMG and UNTPG and the development of UMED have stopped. With the developments discussed above, there is no reason to pursue merger activities further. The vision of a large multi-specialty group is still alive and believed by many to be the best practice model. Time will tell whether the opportunities of today will be the stepping stones to achievement of this vision in the future.

The uncertainty of the past few months creates unique challenges for everyone. Hopefully, much of the uncertainty will vanish during the next two months as we mold the practice to fit the needs of our new relationship with JPS. We understand the additional stress associated with these changes. For our new colleagues, this stress is of an even greater magnitude as they sort out where they'll work and who they'll work for. In a continued effort to alleviate as much stress as

possible, we will try to communicate whenever definitive information is available. Your continued patience is appreciated.

Educational Programs:

Don Peska, D.O.

Associate Dean for Educational Programs

The rookies are on the way.

Our graduate training programs are gearing up for a new season. Orientations at all sites are scheduled for the end of this month with all available positions filled. We remain aggressive in seeking new training sites for osteopathic graduates. In many instances we are able to dually accredit existing programs. With some this hasn't been feasible but they are accepting TCOM graduates and, so, we are doing all we can to keep Texas students at home. The evolution of our affiliation with John Peter Smith Hospital will likely provide even greater opportunity and we look forward to the furtherance of that partnership. We continue our efforts to develop primary care residencies and will be adding two additional Family Practice programs to the Texas OPTI in the next several months. The Family Practice Foundation of Brazos Valley is a Texas A&M affiliate in Bryan and the Conroe Family Medicine Foundation is an independent program looking forward to a new academic partner. Others are in the works and we will provide updates in the coming months. For now, we wish our graduates the best in their new practices and welcome the rookies.

Academic Affairs:

Bruce Dubin, D.O., J.D.

Associate Dean for Academic Affairs

Medical Education

Do you recall the old "star trek" episodes where Doc Bones would use his handheld "Tricorder" and diagnose and treat a patient instantly!! Well, modern medicine doesn't have Tricorders yet, but there is a world of medical information available for physicians in the palm of their hand on PDA's. Here at TCOM, we plan to train future physicians in how to access / evaluate and use the information obtained from a PDA (Palm or Windows based).

Beginning this August, 2nd year TCOM students will be trained in the use of four important programs that will provide rapid access to information for patient care. These four programs (1. Five Minute Clinical Consultant; 2. A2Z Drugs; 3. ABC Lab Data and 4. Archimedes) contain a "world of valuable information". TCOM students will be trained in the intricacies of these programs and use them in the classroom and on early patient clinical experiences. We are very excited about incorporating these "digital competencies" into our medical school curriculum. The students will then carry these patient care tools and the knowledge they have obtained into their third year rotations. We are truly excited about this innovation here at TCOM.

Clinical Research:

Michael Clearfield, D.O.

Associate Dean for Clinical Research

A new committee has been formed for the purpose of reviewing grants prior to submission. This Grant Peer Reader Committee will review prospective grants and make recommendations to assist in fine tuning the grants to maximize funding potential. For questions about this committee please contact Dr. Dillon in the Research office.

The Intramural research committee has been reformed and will be accepting applications for small intramural grants in June and July with funds being awarded in September. Priority for funding will include grants from new faculty, grants focused on OMM, diabetes/metabolic syndrome/obesity and geriatric issues. Other areas will also be funded so do not hesitate to submit your intramural requests to the research office of the HSC.

On June 17-18 the first Dual degree conference for osteopathic medical students will take place at Michigan State University, Dr. Stoll is one of many prestigious speakers at this symposia. All dual degree students are invited to attend this important meeting.

Two full time researchers are joining the ORC. John Licciardone, DO is moving from Family Medicine which will allow Dr. Licciardone to focus on his research efforts and Hollis King, DO, PhD will be joining the center this summer as the new executive director. These two stellar individuals will allow the ORC to achieve even greater success and continue to lead our profession into this new century.

Craig Spellman as the PI for the DREAMS team which includes faculty from all the schools of the HSC was awarded funding for \$793,000 for the second year of the project. As the data is being collected and several hundred patients have been recruited this project has unlimited potential. If you are interested in more information or would like to participate in DREAMS please contact Dr. Spellman.

Stephen Weis, DO continues to outdo himself. Dr. Weis through his efforts in Public Health is now part of the NIH funded Community Programs for Clinical Research in AIDS. This will allow us access to several large international research protocols treating HIV. If you would like more information on these efforts, please contact Dr. Weis.

This past week all the schools of the Health Science Center met to form a strategic plan for research enhancement at UNTHSC for the next five years. There will be much more to come about our schools future direction in research.

Lastly, I would like to welcome Peggy Smith-Barbaro, PhD to the office of Clinical Research as the Director of the Division of Health Related Programs. As you are probably aware Dr. Smith-Barbaro has had a tremendous track record at our institution in both the department of family medicine and most recently at PACE. It is truly our good fortune to have someone with the

expertise of Dr. Smith-Barbaro join the Office of the Dean to assist TCOM in its mission in continuing to expand and improve our research efforts.

PA Studies:

Hank Lemke, P.A.

PA Student, Michael Nye, was recently awarded the 2005 Vicki Moritsugu Memorial/Veterans Caucus Scholarship from the Veterans Caucus of the American Academy of Physician Assistants. Mr. Nye received a substantial financial award with the honor. The scholarship was named after the late daughter of Dr. Kenneth Moritsugu, Deputy Surgeon General of the United States. Dr. Moritsugu was the commencement speaker for the very first PA graduation ceremonies at the UNTHSC in 1999.

Several PA faculty members attended and participated in the 33rd Annual American Academy of Physician Assistant Conference in Orlando, Florida, May 28-June 2, 2005. Michael Clark, Hank Lemke, and Patti Pagels represented the Texas Academy of Physician Assistant as delegates to the AAPA House of Delegates held annually at this meeting. In addition, Ms. Pagels serves as chair of the AAPA Committee on Diversity. She also presented a CME session entitled, "Adapting the Medical History for a Diverse Population," and was honored at the PA Foundation luncheon in Orlando as an Innovations in Health Care recipient for the smoking cessation program, PATCH.

On May 30, 2005, the American Academy of Physician Assistants' House of Delegates adopted a policy paper on Physician Assistant Professional Competence. The document recognized those core attributes integral to professional competence in the Physician Assistant. These core competencies are seen as multidimensional and evolve as the PAs career evolves. This document also stated that the assessment of these core competencies should also be multidimensional. The policy restates the importance of life-long learning in maintaining professional competence for the delivery of quality health care.

Immediately following the AAPA Annual Conference in Orlando, Hank Lemke flew to Washington, DC, to join Dr. Olive Chen at the Bureau of Health Professions (BHP) First All-Grantee Conference, June 1-3, 2005. The conference was designed to develop unified outcome measurements for all grants awarded by the BHP.

The PA Program will convene a self-study and planning retreat, July 14 and 15, 2005 at Garrett Creek Ranch. This colloquium is an annual activity, which is a part of the program's ongoing self-study process. It is held each year to assess program outcomes and make recommendations for short-term and long-term enhancement.

Science and Health News:

Heat Precautions Put on the Front Burner

Forget the thermometer. Hot is hot in Texas in the summer. And whether the weather is dry and parched or humid and damp, intense heat can create serious health problems. Usually the elderly, the very young, people with chronic diseases and those without access to air conditioning are most severely affected by heat, according to the Texas Department of State Health Services (DSHS).

The body normally cools itself by sweating. But under some conditions, sweating is not enough. The body's temperature may rise rapidly to dangerous levels, leading to the possibility of heat illness or death.

The combination of high temperatures and high humidity especially can cause this natural cooling system to work overtime. When humidity is high, sweat does not evaporate efficiently, preventing the body from releasing heat quickly. Other stresses to the body in hot weather include hard physical activity, fatigue, dehydration, heart disease, obesity, poor circulation, sunburn and prescription drug and alcohol use.

Staying in an air-conditioned area, either at home or in a public place such as a mall, library or recreation center, is the most effective way to combat heat. If air conditioning is not available, pull the shades over the windows and use cross-ventilation and fans to cool rooms.

Symptoms of heat illness include heavy sweating, muscle cramps, weakness, dizziness, nausea, weak but rapid pulse and headaches. People with these symptoms should find shade, drink water slowly and make sure there is good ventilation.

If fluids are not replaced soon enough, heat stroke can follow causing extremely high body temperature, red and dry skin, rapid pulse, confusion, brain damage, loss of consciousness and death.

To help a person showing severe symptoms, get the victim into shade, call for emergency medical services and start cooling the person immediately with cool water or by fanning.

Children especially can quickly become dehydrated. They need to drink fluids frequently, especially water, and wear light-colored, loose-fitting clothes. Avoid drinks that are heavily sweetened or contain caffeine. Check on children often, especially if they are playing outside in high temperatures.

Other heat precautions from DSHS:

- * Never leave anyone in a closed, parked vehicle in hot weather, even for a short time.
- * Drink plenty of fluids, but avoid drinks with alcohol, caffeine or a lot of sugar. Don't wait until you are thirsty. Start drinking fluids at least 30 minutes before going out.

- * Plan strenuous outdoor activity for early morning or evening when the temperature is lower.
- * Take frequent breaks when working outside.
- * Wear sunscreen SPF 15 or higher, wide-brimmed hats and light-colored, loose-fitting clothes.
- * Eat more frequently, but be sure meals are well balanced, cool and light.
- * Dress infants and children in cool, loose clothing. Shade their heads and faces with hats or an umbrella.
- * Check frequently on the elderly and those who are ill or may need help.
- * Adjust to the environment. Sudden change in temperature - an early heat wave or travel to a hotter climate - will be stressful to the body. Limit your physical activity until you become accustomed to the heat.
- * Check with a doctor about the effects of sun and heat when taking prescription drugs, especially diuretics or antihistamines.

The best defense against heat-related illness is prevention. Staying cool, drinking plenty of fluids, wearing cool clothing and monitoring outdoor activities are keys to staying healthy in hot weather.

Health Policy News:

House Panel Approves VA Funding Bill

The House Appropriations Committee May 18 approved the FY 2006 Military Quality of Life and Veterans Affairs appropriations bill, including a 4 percent increase for the Department of Veterans Affairs (VA) Medical Care appropriation, and a 2.3 percent cut to the VA research program. Within the total of \$28.8 billion provided for Veterans Health Administration, \$21 billion is targeted for VA Medical Services, an increase of \$1.64 billion (8.5 percent). The bill includes \$393 million for VA research, the same level proposed in the President's budget, and directs the VA to double funding for mental health research. The bill is scheduled for debate on the House floor during the week of May 23.

Senators Circulate Sign-On Letter Regarding Residency Training in Non-Hospital Sites

Senators Susan Collins (R-Maine) and Richard Durbin (D-Ill.) are circulating a sign-on letter to Centers for Medicare and Medicaid Services (CMS) Administrator Mark McClellan, M.D.,

Ph.D., regarding Medicare reimbursement and regulations related to resident training in non-hospital sites. The letter specifically requests that CMS extend the moratorium established by Section 713 of the Medicare Modernization Act (MMA), as well as work with Congress to resolve the many issues surrounding these regulations.

Medicare Physician Payment Legislation Introduced

Reps. Clay Shaw (R-Fla.) and Ben Cardin (D-Md.) May 12 introduced the "Preserving Patient Access to Physicians Act of 2005" (H.R. 2356), which would avert projected reductions in Medicare physician payments. Without congressional or administrative action, physicians are expected to face a 4.3 percent reduction in the conversion factor in CY 2006. The Medicare Board of Trustees has projected additional annual reductions through CY 2011.

ED Releases Guidance on In-School Consolidation for FFEL Borrowers

The Department of Education May 16 released a "Dear Colleague" letter providing guidance that allows students who borrowed Stafford loans under the Federal Family Education Loan (FFEL) program to consolidate their loans while still attending school. Previously, this benefit had only been available to those students at schools in the Direct Loan program or that had Direct Loans in their loan portfolio.

NIH to Create "Homes" for Clinical Research in Academic Institutions

The Advisory Council to the National Institutes of Health's (NIH) National Center for Research Resources (NCRR) May 19 received a presentation by Robert Star, M.D., senior advisor on Clinical and Translational Sciences, and Anthony Hayward, M.D., Ph.D., director of the Division for Clinical Research, on NIH and NCRR plans to create integrated programs for clinical research within academic institutions. Calling modern clinical investigation and translational research "emerging disciplines," Dr. Star noted that this research is beset by many challenges, including difficulty in training and career development, changing infrastructure needs, and the proliferation of administrative barriers to research.

House Expands Eligibility For Stem Cell Research Funding

After three hours of emotional debate, the House of Representatives May 24 passed a proposal to expand the number of human embryonic stem cell lines eligible for federal research funding by a vote of 238 to 194. Despite a Statement of Administration Policy that President Bush would veto the bill, 50 Republicans joined 187 Democrats and 1 Independent to support the measure. Fourteen Democrats and 180 Republicans voted against the bill.

Following the House vote, AAMC President Jordan Cohen, M.D., issued a statement thanking the principal cosponsors of the Stem Cell Research Enhancement Act (H.R. 810) - Michael

Castle (R-Del.) and Diana DeGette (D-Colo.) - "for their hard work and leadership on this vital issue. Patients and researchers alike are indebted to them for the perseverance, passion, and political skill they exhibited in shepherding this legislation through the House."

CMS Establishes Medicaid Commission

The Centers for Medicare and Medicaid Services (CMS) May 24 issued a Federal Register notice [70 FR 29765] regarding the establishment, purpose, and charter of a Medicaid Commission. The creation of such a commission was initially proposed during debate over the FY 2006 congressional budget resolution.

AAMC Testifies at PPAC on Physician-Pay-for-Performance

Albert Bothe Jr., M.D., associate dean and executive director, University of Chicago Practice Plan, and past-chair of AAMC's Group on Faculty Practice Steering Committee and chair of its Subcommittee on Legislative and Regulatory Issues, May 23 testified on behalf of the AAMC regarding physician quality and pay-for-performance (P4P) initiatives at the quarterly meeting of the Practicing Physician's Advisory Council (PPAC).

CMS Proposes Teaching Status Adjustment for Medicare Rehab PPS

The Centers for Medicare and Medicaid Services (CMS) May 25 published in the Federal Register [70 FR 30188] an FY 2006 proposed rule that proposes that a teaching adjustment be added to the Medicare inpatient rehabilitation facility (IRF) prospective payment system (PPS). Similar to the indirect medical adjustment in the acute care PPS, the IRF teaching adjustment would compensate teaching rehab facilities for the higher costs they incur in providing rehabilitation care.

NIH Meeting Calls for Enhancing the Discipline of Clinical and Translational Sciences

The National Institutes of Health (NIH) held a May 23 meeting to introduce to the biomedical research community a new initiative in which the National Center for Research Resources (NCRR) "will lead a new effort on behalf of the NIH Roadmap Re-engineering the Clinical Research Enterprise initiative to catalyze the development of a new discipline of clinical and translational sciences".

Kupersmith Announced as New VA CRADO

Department of Veterans Affairs (VA) Under Secretary for Health Jonathan Perlin, M.D., May 25 announced that Joel Kupersmith, M.D., will be the next VA Chief Research and Development Officer (CRADO). Dr. Kupersmith is the former Dean of the School of Medicine and Graduate

School of Biomedical Sciences, and Vice President for Clinical Affairs at Texas Tech University, where he also served as CEO of the Faculty Practice.

House Panel Provides 3 Percent Increase for NSF

The House Science, State, Commerce and Justice Appropriations Subcommittee May 24 marked up and approved an FY 2006 appropriations bill that includes \$5.64 billion for the National Science Foundation (NSF). This represents an increase of \$171 million (3.1 percent) over last year and \$38 million above the budget request. Within the total, the subcommittee provided \$4.38 billion for NSF research, \$157 million (3.7 percent) over FY 2005.

New NIEHS Director to Begin

National Institutes of Health (NIH) Director Elias Zerhouni, M.D., May 17 announced that David A. Schwartz, M.D., will become the director of the National Institute of Environmental Health Sciences (NIEHS), effective May 23.

Research and Funding Opportunities:

NIH Guide for Grants and Contracts - Week of May 20, 2005
<http://grants.nih.gov/grants/guide/WeeklyIndex.cfm?WeekEnding=05-20-05>

Notices

Notice of the Autism Centers of Excellence (ACE) Research Program
(NOT-OD-05-048)
National Institutes of Health
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-048.html>

New NIAID Policy: Investigator-Initiated Clinical Trials
(NOT-AI-05-021)
National Institute of Allergy and Infectious Diseases
<http://grants.nih.gov/grants/guide/notice-files/NOT-AI-05-021.html>

HIV Vaccine Design and Development Teams (HVDDT): NIH-NIAID-DAIDS-BAA-06-19
(NOT-AI-05-043)
National Institute of Allergy and Infectious Diseases
<http://grants.nih.gov/grants/guide/notice-files/NOT-AI-05-043.html>

Addendum to PA-05-054: Functional Links Between the Immune System, Brain Function, and Behavior

(NOT-CA-05-018)

National Cancer Institute

<http://grants.nih.gov/grants/guide/notice-files/NOT-CA-05-018.html>

Amendment to RFA-CD-05-109 "Centers of Excellence in Public Health Informatics"

(NOT-CD-05-110)

Office of Public Health Research

Centers for Disease Control and Prevention

<http://grants.nih.gov/grants/guide/notice-files/NOT-CD-05-110.html>

Correction & Clarification of Scope, PAR-05-025, NLM Grants for Scholarly Works in Biomedicine and Health

(NOT-LM-05-003)

National Library of Medicine

<http://grants.nih.gov/grants/guide/notice-files/NOT-LM-05-003.html>

Addendum to PAR-05-039 - Mental Health Centers for Intervention Development and Applied Research (CIDAR)

(NOT-MH-05-012)

National Institute of Mental Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-MH-05-012.html>

Notice of Clarification-Program Announcement Number: PAR-04-106 NIOSH State-Based Occupational Safety and Health Surveillance

(NOT-OH-05-003)

National Institute for Occupational Safety and Health Centers for Disease Control and Prevention

<http://grants.nih.gov/grants/guide/notice-files/NOT-OH-05-003.html>

Requests for Applications

(none)

Program Announcements

Economics of Prevention and Treatment Services for Drug and Alcohol Abuse

(PA-05-111)

National Institute on Drug Abuse

National Institute on Alcohol Abuse and Alcoholism

Application Receipt Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PA-05-111.html>

NIMH Career Transition Award (K22)

(PAR-05-109)

National Institute of Mental Health

Application Receipt Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-05-109.html>

NEI Translational Research Program On Therapy For Visual Disorders
(PAR-05-110)

National Eye Institute

Application Receipt Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-05-110.html>

NIAID Clinical Trial Planning (R34) Grants

(PAR-05-112)

National Institute of Allergy and Infectious Diseases Application Receipt

Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-05-112.html>

NIAID Clinical Trial Implementation (U01) Cooperative Agreement

(PAR-05-113)

National Institute of Allergy and Infectious Diseases Application Receipt

Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-05-113.html>

Quick-Trials for Imaging and Image-Guided Interventions: Exploratory Grants

(PAR-05-114)

National Cancer Institute

Application Receipt Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-05-114.html>

Quotes:

Always vote for principle, though you may vote alone, and you may cherish the sweetest reflection that your vote is never lost.

John Quincy Adams

Politics is war without bloodshed, while war is politics with bloodshed.

Mao Tse-Tung

The activist is not the man who says the river is dirty. The activist is the man who cleans up the river.

Ross Perot

Marc

Marc B. Hahn, DO

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