Dean's Corner e-Newsletter

Texas College of Osteopathic Medicine

March 6, 2007

We have just entered the 80th Texas Legislative session. There is anticipation throughout the higher education community within Texas that there will be adequate funds to enhance the academic and research missions of our Health Science Centers. One such mission, is our own Health Institutes of Texas program. At the UNT Health Science Center, we are uniquely structured to bring such a bench-to-bedside attack against disease. Our expertise in public health, interdisciplinary scientific research and clinical care education and delivery gives us the singular ability to translate public health information and basic research into new models of provider training and care delivery. Our size gives us the nimbleness to collaborate expeditiously. http://www.hsc.unt.edu/news/Connections/20070302Connect/Links/FeatureStory_Mar02_07.html

Last week, Ralph Anderson, MD, Chair of the Department of Obstetrics and Gynecology served as an on air expert in the national debate over the recommended use of the Human Papilloma Virus vaccination on PBS's News Hour. <u>http://www.hsc.unt.edu/Videos/PBS_RalphAnderson.wmv</u>. I am quite proud of the expertise we have on our campus and the increasing role that TCOM serves with issues of national importance.

Additionally, Dr. Dubin and I traveled to Chicago this weekend to assist the American Osteopathic Association's Commission on College Accreditation in defining new accreditation standards for osteopathic medical schools.

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

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Student Affairs:

Thomas Moorman, Ed.D. Associate Vice President for Student Affairs

The Office of Financial Aid in the Division of Student Affairs sponsored a scholarship workshop for first and second year medical students on February 19th in Everett Hall. Lori Fielding, Sr. Financial Aid Counselor and Scholarship Coordinator, reviewed scholarship opportunities and discussed strategies to make the application process less of a challenge for students. Michelle West, Assistant Director of Institutional Advancement, also addressed the students. She presented President Ransom's vision to raise \$20 million in scholarships over the next five years. Those who attended the program reported that they are more prepared for and optimistic about applying for internal and external scholarships. If you were not able to attend and would like additional information, please contact Lori Fielding in the financial aid office at (817) 735-2520 or Ifieldin@hsc.unt.edu.

Many scholarship applications are now available to all students for the 2007-2008 academic years. Current opportunities are listed on the financial aid website, <u>http://www.hsc.unt.edu/departments/financialaid/</u>, under the "Scholarships" link.

Clinical Affairs / Faculty Practice:

Robert Adams, D.O. Senior Associate Dean for Clinical Affairs/Chief Medical Officer

Efforts to focus on customer service are continuing. All employees of UNTHealth are encouraged to participate in the ongoing QCARE training activities. It's extremely important that all of us understand what we can do to make our patient's experiences better. QCARE will outline the basic principles of excellent customer service and provide insight into ways all of us can make a difference. Please look at this training opportunity as something your patient care team can experience together in an effort to enhance the success of your clinics and departments. Also, the AMGA patient satisfaction survey results are back and we'll be meeting with departments to discuss what they show. We have room for improvement so we want to identify what opportunities in addition to QCARE exist for us to address. We need to make a difference quickly as our next survey is scheduled in a few months and we want to show improvement. Please share your ideas about how we can do a better job of taking care of our customers.

Educational Programs:

Don Peska, D.O. Associate Dean for Educational Programs

One Down and One to Go

We are between resident matches and many in the Class of 2007 are anxiously awaiting March 12 to find out where they will be spending their time after graduation. With one quarter of the

class already committed to training programs the rest are hopeful that their selection strategies will give them the opportunity to train in some of the best programs in Texas and around the country. Texas OPTI programs have a few openings around the state but otherwise did very well in the osteopathic match and in the scramble that followed. The ACGME match lies ahead and our allopathic and dual accredited programs will see their classes completed very shortly. Although so much is yet to be decided, residency quest preparations are already underway for students in the Class of 2008 who will be attending Residency 101 and the annual recruitment fair on March 23. In the mean time, the Careers in Medicine program is working with all of the TCOM medical students and, now, PA students to help them make the right choices for their future. Please check our web site at http://www.hsc.unt.edu/education/cim/.

Academic Affairs:

Bruce Dubin, D.O., J.D. Associate Dean for Academic Affairs Medical Education

[No Article this month]

Clinical Research:

Peggy Smith-Barbaro, PhD Director Division of Health Related Programs

Congratulations to TCOM faculty and students who submitted grants and contracts during the first two months of 2007.

Drs. Palmarozzi and Cardarelli submitted a grant to HRSA entitled "Evidence-Based Medicine and Cultural Awareness Curriculum in a Family Medicine Clerkship".

Also submitted to HRSA was a proposal by **Drs. Palmarozzi and Bowling** on "Creating a Dedicated Rural Medicine Curriculum and Instructional Systems Infrastructure for Rural Primary Care Practice".

A research grant was submitted to NCCAM by **Dr. Licciardone** proposing a "Multifactorial Study of Response to Spinal Manipulation for Chronic Low Back Pain".

Dr. King also submitted a research grant to NCCAM examining "Mechanisms of Cranial Bone Motion and Effects of Cranial Manipulation".

A research education grant entitled "Complementary and Alternative Medicine Short Term Research Rotation" was submitted by **Dr. Smith-Barbaro** to NCCAM.

Simon Lucas Schrick-Senasac submitted a research fellowship application, "Post-Operative Nausea and Vomiting in Patients Undergoing Inhalation Anesthesia" to the American Osteopathic Association.

"Evaluation of DNA Repair Systems for Compromised Samples and Unidentified Remains Samples" was submitted by **Dr. Planz** at the invitation of NIJ's FY07 Forensic DNA Research and Development Program.

If you haven't told us what you want by the end of the third paragraph, chances are you're not going to get it.

John West, Phillips Petroleum Foundation.

Admissions:

Russell Gamber, D.O., MPH Assistant Dean of TCOM Admissions & Outreach

TMDSAS Medical Match Results: On February 15, 2007, the Texas Medical and Dental Schools Application Service (TMDSAS) Match results were published. Once again, TCOM did well in the Match. We look forward to welcoming 165 freshman medical students to TCOM in July. The quality of the entering class is due in no small part to the hard work of our faculty interviewers, the departmental interview coordinators, and the Admissions Committee who were responsible for interviewing and evaluating over 600 excellent applicants out of a total applicant pool of 1960.

As in past years, TCOM Admissions and Outreach has held a number of seats in the class for the highest-achieving graduate students finishing the UNTHSC Master of Science Program in Medical Sciences (formerly known as the "post baccalaureate program"). A subset of the TCOM Admissions Committee will meet in May when the M.S. students' final grades are posted to determine which of these students will be offered seats in the TCOM entering class of 2007. Additional seats are set aside for applicants to the ROME-Texas Program which is designed to train physicians for rural practice opportunities

"Texas Swing" Recruiting Trip: TCOM Admissions staff members are currently participating in the annual "Texas Swing," a coordinated recruiting effort that takes them to university health professions fairs from February 19-22, 2007. Our staff, who will join representatives from other medical and dental schools, will sequentially visit several Texas campuses, including the University of Houston, Texas A&M University, the University of Texas at Austin, and the University of Texas at San Antonio, to meet with students interested in the health-related professions. We always look forward to this annual event as an opportunity to discuss our programs.

<u>PA Studies:</u> Hank Lemke, P.A.-C *Vice Chair for PA Studies*

PA Program Accreditation News

The Physician Assistant Studies program submitted its application and self-study report for reaccreditation through the Accreditation Review Commission for PA Education (ARC-PA) on February 27, 2007. These two documents (100 pages) represent a synopsis and snapshot of the programs ongoing self-assessment and improvement efforts, since we were last accredited in 2003. The program is scheduled to be visited by representatives from the ARC-PA on April 19-20th, 2007 and the application will be reviewed in September 2007.

Faculty from University of Kentucky Visits PA Program

On February 23, 2007, visiting faculty member David Fahringer, M.S.P.H., PA-C delivered his nationally acclaimed workshop on Contracting for Physician Assistants to 3rd Year PA students. In this half-day workshop, Mr. Fahringer provided PA students with pearls, pitfalls and advice on preparing a professional CV, interviewing for clinical staff position, and contracting with employers. Mr. Fahringer is an Associate Professor with the University of Kentucky Physician Assistant program.

PA Enrollment and Applicant News

Enrollment in the PA Class of 2010 continues, with expected enrollment to reach 36 students, compared to 32 in the Class of 2009 and 30 in the Class of 2008. Over 130 interviews have been completed. From that number, more than 36 offers have been extended so far and 61 applicants remain on the wait list. Offers will be made until the class is filled.

Science and Health News:

Erythropoiesis-stimulating agents used to treat anemia in patients with cancer may be fatal, FDA warns

MD Consult [February 20, 2007]

On February 16, 2007, the US Food and Drug Administration (FDA) issued an alert to advise health care professionals of the results from a large clinical trial evaluating use of an erythropoiesis-stimulating agent (ESA) to treat anemia in persons with cancer who were not receiving chemotherapy. By random assignment, patients received either placebo or Aranesp (darbepoetin alfa), an ESA, according to the dosing regimen in approved labeling. In this study, patients treated with Aranesp had a higher death rate and no reduction in the need for transfusions compared with those treated with placebo.

ESAs (ie, Aranesp, Epogen [epoetin alfa], and Procrit [epoetin alfa]) are not FDA approved to treat anemia in patients with cancer who are not receiving chemotherapy. The findings in this study of Aranesp may apply to other ESAs.

This FDA alert follows a letter circulated by Amgen, manufacturer of Aranesp, on January 26, 2007, in which the drugmaker announced the results of this clinical trial and revealed a higher mortality rate in patients in this population taking Aranesp versus placebo. For more details, see

MD Consult's January 29, 2007, story Aranesp not indicated for anemia in cancer patients unless the condition is induced by chemotherapy.

For more background information and a list of recommendations for health care professionals, see the FDA's information sheet on the safety of ESAs.

Health Policy News:

MedPAC Report Provides Options for Physician Payment Reforms

On Thursday, the Medicare Payment Advisory Commission (MedPAC) released its highlyanticipated report on potential changes to Medicare's physician payment formula.

The current Sustainable Growth Rate (SGR) formula attempts to control Medicare spending by tying physician payments to "expenditure targets" and comparing that to the volume of services provided. The SGR formula has been responsible for a number of scheduled physician payment cuts over the last several years, although Congress has repeatedly pass legislation to prevent such cuts. Without legislative action, the formula will require a 10 percent cut in physicians' Medicare payments this year, and a 40 percent decrease over the next four years.

MedPAC's recent report, required under the Deficit Reduction Act of 2005 (DRA), does not provide a specific recommendation, but rather outlines two options for Congressional consideration.

MedPAC's first option calls for the repeal of the SGR formula and recommends creating a new formula based on physicians' quality and efficiency of care.

The second option offered by MedPAC would maintain the framework of the current formula but allow for adjustments to reimbursement rates on a regional basis. Several studies have found that physicians' costs vary widely among different parts of the country.

Congressional hearings to discuss MedPAC's report were held in both the House and Senate on Thursday. Focusing on the costs of payments changes, Senate Finance Committee Chairman, Max Baucus (D-MT), pressed the Congressional Budget Office (CBO) for direction in terms of lowering the score of SGR reform proposals. Prior to the hearing, Chairman Baucus questioned whether a complete overhaul of the payment system will happen this year.

Governors, Congress Discuss SCHIP Funding

The urgent need for additional funding for the State Children's Health Insurance Program (SCHIP) was a central focus of the National Governors Association's (NGA's) winter meeting held this week. In a letter to legislators, the group urged Congress to make coverage of SCHIP funding shortfalls a priority and to begin working toward reauthorization of the program.

SCHIP is a joint federal-state healthcare program, currently serving 6 million children nationwide. The program is expected to be reauthorized this year.

In his fiscal year (FY) 2008 budget proposal, President Bush recommends an increase of \$5 billion, or \$25 billion over five years, to help fund the program. However, the Congressional Budget Office (CBO) has projected that states could experience an estimated \$13.4 billion in shortfalls over the next five years with the President's proposed level of funding. Some states could see shortfalls in their SCHIP programs as soon as March 2007. At the governors' meeting, Congressman Frank Pallone (D-NJ) stated that SCHIP would need \$50 billion over five years to be an effective program.

In an additional effort to control costs, the Administration has proposed scaling back enrollment for the program to include only children with families earning 200 percent of the federal poverty level. States are currently allowed significant flexibility in setting their own eligibility standards and many have expanded enrollment to include children from families earning up to 350 percent of the federal poverty level as well as some adults.

The President has not requested supplemental SCHIP spending, but according to Congressman Pallone, Congress will likely attach funds for SCHIP to a supplemental spending bill for the wars in Iraq and Afghanistan. Congressman Pallone also stated at the NGA meeting that the President's proposal to scale back SCHIP enrollment is "dead on arrival."

Representatives Rahm Emanuel (D-IL) and Jim Ramstad (R-MN) are working toward introduction of the "Health Kids Act of 2007" which would reauthorize SCHIP and provide \$60 billion in funding over five years. The bill would also include a tax credit to help families purchase health insurance coverage for their children. Funding for the program would be offset by closing the gap on the capital gains tax, according to the bill's sponsors.

CBO Offers Congress Options for Medicare Savings

In its "Budget Options" document released last week, the Congressional Budget Office (CBO) offers the House and Senate Budget Committees various options for potential Medicare savings.

The CBO estimates that \$64.8 billion could be saved between 2008 to 2012 by equalizing payments for managed care plans and fee-for-service providers. Other cost-saving options include reducing Medicare payments for "indirect" medical education costs, saving \$21.6 billion over five years; lowering the payment increase for hospitals' inpatient care, saving \$17.8 billion over five years; and increasing the portion of Part B benefits paid by beneficiaries, saving \$42.2 billion over five years.

With Congress operating under a pay-go budget rule, requiring all new mandatory spending to be offset, many of the savings offered by the CBO could become attractive for funding legislative priorities such as reauthorization of SCHIP and changes to the Medicare physician payment formula.

Research and Funding Opportunities:

Notices

Extension of NIH Pilot Study to Shorten the Review Cycle for New Investigator R01 Applications (NOT-OD-07-034) Center for Scientific Review http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-034.html

Findings of Research Misconduct (NOT-OD-07-035) Department of Health and Human Services <u>http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-035.html</u>

NIA Intervention Testing Program Solicits Proposals for Compounds to Test for Anti-Aging Activity in Mice (NOT-AG-07-003) National Institute on Aging http://grants.nih.gov/grants/guide/notice-files/NOT-AG-07-003.html

Notice of Intent to Publish an Announcement for Availability of Administrative Supplements to Support U.S. â€' India Bilateral Collaborative Research on the Prevention of HIV/AIDS (NOT-AI-07-018) National Institute of Allergy and Infectious Diseases John E. Fogarty International Center National Cancer Institute National Institute on Alcohol Abuse and Alcoholism National Institute of Child Health and Human Development National Institute on Drug Abuse National Institute of Mental Health http://grants.nih.gov/grants/guide/notice-files/NOT-AI-07-018.html

Notice of Availability of Administrative Supplements for Dissemination of Surveillance Research (NOT-CA-07-004) National Cancer Institute http://grants.nih.gov/grants/guide/notice-files/NOT-CA-07-004.html

Request for Community Input for the Nomination and Prioritization of Genes to be Targeted in the Knockout Mouse Project (KOMP) (NOT-HG-07-004) National Human Genome Research Institute http://grants.nih.gov/grants/guide/notice-files/NOT-HG-07-004.html Occupational Safety and Health Research (R01) (NOT-OH-07-001) National Institute for Occupational Safety and Health http://grants.nih.gov/grants/guide/notice-files/NOT-OH-07-001.html

Solicitation of Compounds for High Throughput Screening (HTS) in the Molecular Libraries Screening Centers Network (MLSCN) (NOT-RM-07-005) National Institute of Mental Health <u>http://grants.nih.gov/grants/guide/notice-files/NOT-RM-07-005.html</u> Requests for Applications

Clinical Trials in Organ Transplantation in Children (U01) (RFA-AI-07-006) National Institute of Allergy and Infectious Diseases National Heart, Lung, and Blood Institute Application Receipt Date(s): June 13, 2007 http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-07-006.html

CDC Mentored Public Health Research Scientist Development Award (K01) (RFA-CD-07-003) Office of Public Health Research Application Receipt Date(s): March 30, 2007 http://grants.nih.gov/grants/guide/rfa-files/RFA-CD-07-003.html

Continuation of the Thrombosis and Hemostasis Centers Research and Prevention Network (U01) (RFA-DD-07-004) National Center for Birth Defects and Developmental Disabilities Application Receipt Date(s): March 05, 2007 http://grants.nih.gov/grants/guide/rfa-files/RFA-DD-07-004.html

Thrombosis and Hemostasis Centers Research and Prevention Network (U01) (RFA-DD-07-005) National Center for Birth Defects and Developmental Disabilities Application Receipt Date(s): March 05, 2007 <u>http://grants.nih.gov/grants/guide/rfa-files/RFA-DD-07-005.html</u>

Implementing Surveillance to Determine the Prevalence of the Autism Spectrum Disorders and Other Developmental Disabilities in Early Childhood Populations (U01) (RFA-DD-07-007) National Center for Birth Defects and Developmental Disabilities Application Receipt Date(s): April 18, 2007 http://grants.nih.gov/grants/guide/rfa-files/RFA-DD-07-007.html

Child Health Research Career Development Award (K12)

(RFA-HD-07-010) National Institute of Child Health and Human Development Application Receipt Date(s): March 13, 2007 <u>http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-07-010.html</u> Program Announcements

Bioengineering Research Grants (BRG)(R01) (PA-07-279) National Institute of Biomedical Imaging and Engineering National Center for Complementary and Alternative Medicine National Eye Institute National Human Genome Research Institute National Heart, Lung, and Blood Institute National Institute on Alcohol Abuse and Alcoholism National Institute of Allergy and Infectious Diseases National Institute of Arthritis and Musculoskeletal and Skin Diseases National Institute of Child Health and Human Development National Institute on Drug Abuse National Institute on Deafness and Other Communication Disorders National Institute of Dental and Craniofacial Research National Institute of Environmental Health Sciences National Institute of Mental Health National Institute of Neurological Disorders and Stroke Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-279.html

Mechanisms, Models, Measurement, and Management in Pain Research (R01) (PA-07-282) National Institute of Nursing Research National Center for Complementary and Alternative Medicine National Cancer Institute National Heart, Lung, and Blood Institute National Institute on Aging National Institute of Arthritis and Musculoskeletal and Skin Diseases National Institute of Child Health and Human Development National Institute on Drug Abuse National Institute on Deafness and Other Communication Disorders National Institute of Dental and Craniofacial Research National Institute of General Medical Sciences National Institute of Neurological Disorders and Stroke National Institute of Nursing Research Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-282.html

Shared Neurobiology of Fragile X Syndrome and Autism (R01) (PA-07-284)

National Institute of Mental Health Cure Autism Now Canadian Institutes of Health Research FRAXA Research Foundation Health Research Board, Ireland National Alliance for Autism Research National Institute of Child Health and Human Development National Institute of Neurological Disorders and Stroke Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-284.html

Translational Research in Eating Disorders (R01) (PA-07-285) National Institute of Mental Health National Institute of Child Health and Human Development Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-285.html

Collaborative Multi-site Research in Addiction (COMRAD) (R01) (PA-07-286) National Institute on Drug Abuse Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-286.html

Immunology of Biofilms (R01) (PA-07-288) National Institute of Dental and Craniofacial Research Application Receipt/Submission Date(s): Multiple dates, see announcement. <u>http://grants.nih.gov/grants/guide/pa-files/PA-07-288.html</u>

Health Disparities in HIV/AIDS:Â Focus on African Americans (R21) (PA-07-289) National Institute on Drug Abuse National Institute of Mental Health Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-289.html

Health Disparities in HIV/AIDS:Â Focus on African Americans (R03) (PA-07-290) National Institute on Drug Abuse National Institute of Mental Health Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-290.html

Research on Social Work Practice and Concepts in Health (R01) (PA-07-292)

Office of Behavioral and Social Science Research National Cancer Institute National Heart, Lung, and Blood Institute National Institute on Aging National Institute on Alcohol Abuse and Alcoholism National Institute of Child Health and Human Development National Institute on Drug Abuse National Institute of Mental Health National Institute of Mental Health National Institute of Nursing Research Office of Disease Prevention Office of Research on Women's Health Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-292.html

Advances in Polycystic Kidney Disease (R01) (PA-07-293) National Institute of Diabetes and Digestive and Kidney Diseases Application Receipt/Submission Date(s): Multiple dates, see announcement. <u>http://grants.nih.gov/grants/guide/pa-files/PA-07-293.html</u>

Information Technologies and the Internet in Health Services and Intervention Delivery (R01) (PA-07-295) National Institute of Mental Health National Cancer Institute Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-295.html

AHRQ Health Services Research (R01) (PA-07-296) Agency for Healthcare Research and Quality Application Receipt/Submission Date(s): February 5, 2007; June 5, 2007; October 5, 2007 http://grants.nih.gov/grants/guide/pa-files/PA-07-296.html

NIH Pathway to Independence (PI) Award (K99/R00) (PA-07-297) National Institutes of Health John E. Fogarty International Center National Center for Complementary and Alternative Medicine National Cancer Institute National Center for Minority Health and Health Disparities National Center for Research Resources National Eye Institute National Human Genome Research Institute National Heart, Lung, and Blood Institute National Institute on Aging National Institute on Alcohol Abuse and Alcoholism National Institute of Allergy and Infectious Diseases National Institute of Arthritis and Musculoskeletal and Skin Diseases National Institute of Biomedical Imaging and Engineering National Institute on Drug Abuse National Institute on Deafness and Other Communication Disorders National Institute of Dental and Craniofacial Research National Institute of Diabetes and Digestive and Kidney Diseases National Institute of Environmental Health Sciences National Institute of General Medical Sciences National Institute of Mental Health National Institute of Neurological Disorders and Stroke National Institute of Nursing Research National Library of Medicine Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PA-07-297.html Community Participation in Research (R01) (PAR-07-283) Office of Behavioral and Social Science Research Agency for Healthcare Research and Quality National Cancer Institute National Heart, Lung, and Blood Institute National Institute on Alcohol Abuse and Alcoholism National Institute of Child Health and Human Development National Institute on Drug Abuse National Institute on Deafness and Other Communication Disorders National Institute of Dental and Craniofacial Research National Institute of Environmental Health Sciences National Institute of Mental Health National Institute of Nursing Research National Institute for Occupational Safety and Health Office of Research on Women's Health Application Receipt/Submission Date(s): May 17, 2007 http://grants.nih.gov/grants/guide/pa-files/PAR-07-283.html

NIDCD Small Grant Program (R03) (PAR-07-287) National Institute on Deafness and Other Communication Disorders Application Receipt/Submission Date(s): March 13, 2007; June 27, 2007; October 29, 2007; February 26, 2008; June 27, 2008; October 29, 2008; February 26, 2009; June 29, 2009; October 29, 2009 http://grants.nih.gov/grants/guide/pa-files/PAR-07-287.html

Outcomes and Cost-Effectiveness Studies of CAM Using Existing Practice-based Research Networks (R21) (PAR-07-291) National Center for Complementary and Alternative Medicine National Cancer Institute Application Receipt/Submission Date(s): April 10, 2007; April 10, 2008; April 10, 2009 http://grants.nih.gov/grants/guide/pa-files/PAR-07-291.html

Preliminary Investigations Leading To Optimal Trials In Neurology (R01) (PAR-07-294) National Institute of Neurological Disorders and Stroke Application Receipt/Submission Date(s): Multiple dates, see announcement. http://grants.nih.gov/grants/guide/pa-files/PAR-07-294.html

NIH Funding Opportunities now available in RSS (Really Simple News Syndication) format see http://grants.nih.gov/grants/guide/rss_info.htm for details.

Quotes:

Imagination has brought mankind through the dark ages to its present state of civilization. Imagination led Columbus to discover America. Imagination led Franklin to discover electricity.

L. Frank Baum

Some stories are true that never happened. **Elie Wiesel**

The man who has no imagination has no wings. **Muhammad Ali**

Marc

Marc B. Hahn, DO

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